# FIAT DOBLÓ


CONNECT Nav

CONNECT Nav+

**T**he vehicle is fitted with the infotelematic CONNECT system designed in accordance with the specific features of the passenger compartment and with a personalised design that blends with the styling of the dashboard.

**T**he system is installed in a user-friendly position for the driver and the graphics on the front panel make it easy to quickly locate the controls which facilitates the use of them.

**T**he pages that follow contain the instructions for use, which we advise you to read carefully and always keep within reach (e.g. in the glove compartment).

**S**o, enjoy your reading and have a good journey.

**IMPORTANT** For the navigation system only use the original CD provided with the vehicle or in any case other CDs of the same brand.

# CONNECT Nav

# ADVICE, CONTROLS AND GENERAL INFORMATION

## ADVICE

### ROAD SAFETY

You are recommended to learn how to use the different functions of the system and in particular of the radio (e.g. storing stations) before starting to drive.

***WARNING***

***Too high a volume when driving can put the driver's life at risk and that of other people. Therefore the volume should always be adjusted in such a way that it is always possible to hear the noises of the surrounding environment (e.g. horns, ambulance, police sirens, etc.).***

### RECEPTION CONDITIONS

Reception conditions change constantly when driving. Reception can be disturbed by the presence of mountains, buildings, bridges particularly when far away from the broadcaster received.

**IMPORTANT** When receiving traffic information the volume might be higher than normal.

### CARE AND MAINTENANCE

The structure of the system ensures long years of operation with no need for particular maintenance. In the event of a fault, contact **Fiat Dealership**.

Some care must however be taken to ensure the complete efficiency of the system:

– the monitor is sensitive to scratching, liquid detergents and UV rays;

– liquids that penetrate inside may damage the device irreparably.

Clean the front panel and display only using a soft, dry antistatic cloth. Cleaning and polishing products may damage the surface.

**Be careful not to knock the display with pointed or hard objects and avoid touching with the hands. Do not press on the display when cleaning.**

## IMPORTANT NOTES

– In the event of a fault the CONNECT system should be checked and repaired only at **Fiat Dealership**.

– In case of particularly low temperatures the display might take a certain time to reach the optimum brightness.

– In the case of prolonged parking with high outside temperature, the automatic thermal protection of the system may come into action suspending operation until the passenger compartment temperature falls to acceptable levels.

## SYSTEM SOFTWARE UPDATING

When new versions are available for the software of the navigation module, the system can be updated to benefit of the improvements made for controlling certain functions.

Software updating is to be seen to by specialised staff of the **Fiat Dealership**.

## COMPACT DISC

If a Compact Disc is used on the sound system, remember that the presence of dirt or marks on Compact Discs may cause skipping when playing and poor sound quality. The same happens if Compact Discs are bent by accident.

**IMPORTANT** Never use 8 mm audio or MP3 CDs, even with the specific adapter, since this format will damage the system.

To obtain optimum playing conditions we give the following advice:

– Only use Audio Compact Discs with the brand:

– Carefully clean all Compact Discs of any fingerprints and dust using a soft cloth. Support Compact Discs on the edges and clean from the centre outwards.

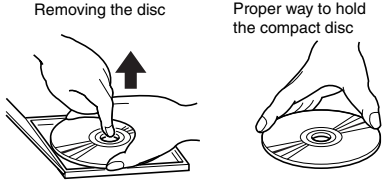
– Never use chemical products for cleaning (e.g. spray cans, antistatics or thinners) as they might damage the surface of Compact Discs.

– After listening to them put Compact Discs back in their boxes to avoid marking or scoring which could cause skipping when playing.

– Do not expose Compact Discs to direct sunlight, high temperatures or damp for prolonged lengths of time to prevent them from bending.

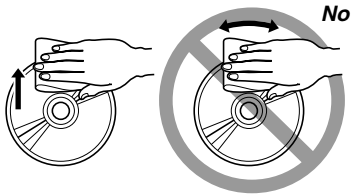
– Do not stick labels or write on the recorded surface of Compact Discs.

To remove a Compact Disc from its container, press on the centre and raise the disc holding carefully from the edges.

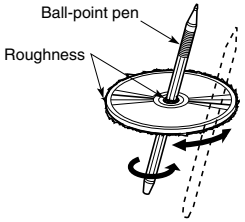



Always hold a Compact Disc by the edge. Never touch the surface.

To remove fingerprints and dust, use a soft cloth starting from the centre of the Compact Disc towards the circumference.



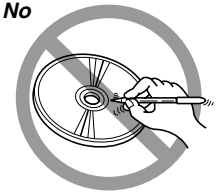

New discs may be rough around the edges. When using these discs the player might not work or the sound might skip. To remove roughness from the edge of a disc use a ball-point pen, etc.



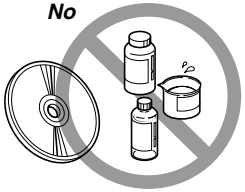

**IMPORTANT** Do not use the protective sheets for CDs in commerce or discs with stabilisers, etc. as they might get stuck in the internal mechanism and damage the disc.

### Notes about Compact Discs

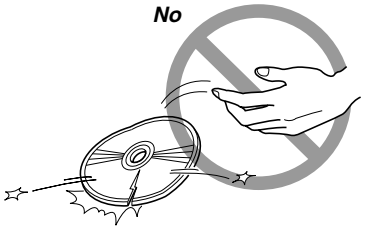
Do not stick labels on the surfaces of a Compact Disc or write on the surface with pens or pencils.



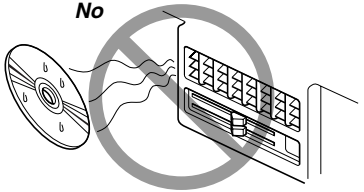

Do not use solvents such as stain removers, antistatic sprays or thinners in commerce for cleaning Compact Discs.




Do not use highly scratched, cracked or distorted Compact Discs. This could damage the player or prevent it from working properly.




Do not expose Compact Discs to direct sunlight or any other source of heat.



# BUTTONS AND SELECTORS

**IMPORTANT For safety purposes, when the vehicle is moving, certain functions, selections and/or settings described in this Handbook are inhibited: in this case the display will show the relevant keys in grey, i.e. in "deactivated mode".**

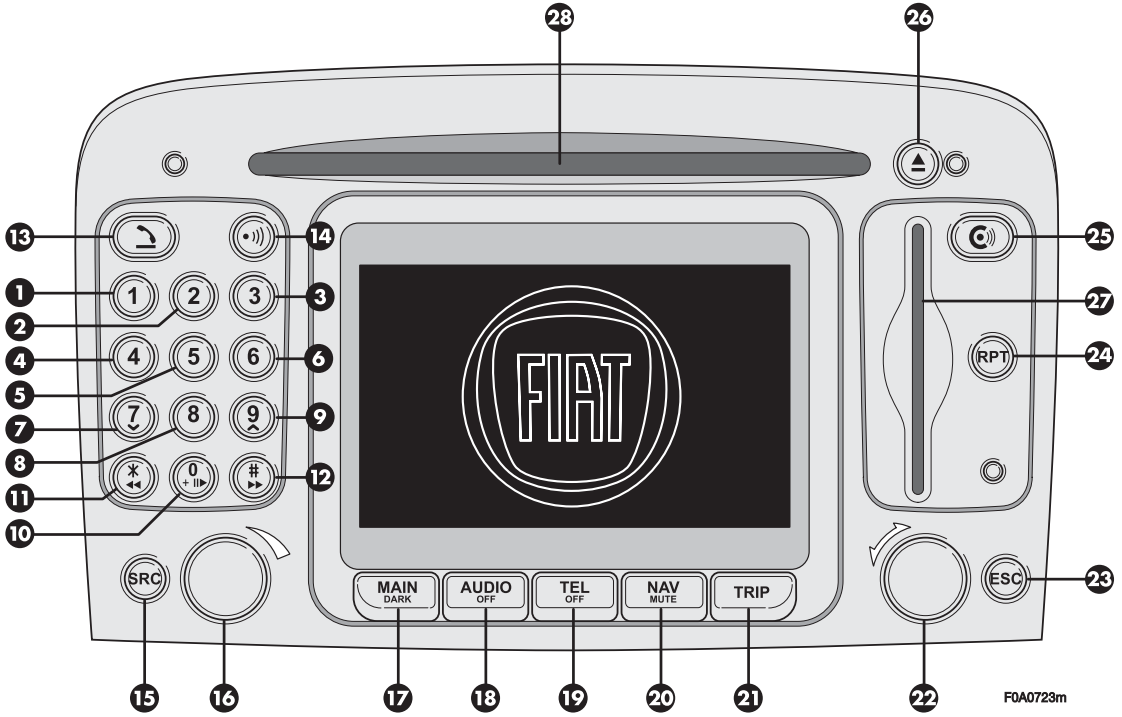



fig. 1

Certain controls have multiple functions which depend on the system operating conditions active. Turning on the function chosen is in some cases controlled by the push duration (short or long), as shown in the following table.

| Legend | Short push function (less than 1 second) | Long push function (more than 1 second) |
|---|---|---|
| **1 - 2 - 3 4 - 5 - 6** | Numbers “1”, “2”, “3”, “4”, “5”, “6” of phone keypad<br>Calling stored stations | Storing stations no.1-2-3-4-5-6 |
| **7** | Number “7” of telephone keypad | – |
| **8** | Number “8” of telephone keypad | – |
| **9** | Number “9” of telephone keypad | – |
| **10** | Number “0” of telephone keypad<br>Play/Stop audio CD | Pause in playing an audio CD |
| **11 - *** | Symbol (*) of telephone keypad<br>Radio mode: seeking first station that can be tuned with lower frequency<br>CD mode: select previous track | – |
| **12 - #** | Symbol (#) of telephone keypad<br>Radio mode: seeking first station that can be tuned with higher frequency<br>CD mode: select next track | – |
| **13 -** ↩ | Forwarding the phone call set<br>Accepting the incoming call<br>Ending the call in progress | Refusing the incoming call |
| **14 -** •))) | Voice recognition function on/off | Voice command memo |

| Legend | Short push function (less than 1 second) | Long push function (more than 1 second) |
|---|---|---|
| **15 - SRC** | Operating mode choice: FM1-FM2-FM3-LW-MW-CD | – |
| **16** | System on/off (pressing the knob) Volume control (turning the knob) | – |
| **17 - MAIN/DARK** | Selecting main screen | Darkening monitor (stand-by) |
| **18 - AUDIO/OFF** | Selecting radio screen. Turning radio on | Turning radio off |
| **19 - TEL/OFF** | Selecting phone screen. Turning telephone on | Turning telephone off |
| **20 - NAV/MUTE** | Selecting navigation function | Excluding navigator voice messages (NAV/MUTE function) Reset voice messages |
| **21 - TRIP** | Selecting computer screen | – |
| **22** | Selecting functions (turning the knob). Confirming selected function (pressing the knob) | – |
| **23 - ESC** | Exit screen selected. Return to higher level of menu, deleting functions that have not been confirmed | – |
| **24 - RPT** | Repetition of last navigator voice instruction | – |
| **25 -** | Display of Information and Assistance Services menu | – |
| **26 -** | Eject navigator CD-ROM or Audio CD | – |
| **27** | Slot for SIM telephone card | – |
| **28** | Slot for navigator CD-ROM and Audio CD | – |

# GENERAL INFORMATION

## IMPORTANT NOTES FOR USE AND ROAD SAFETY

The CONNECT system makes it possible to easily control the main functions of the vehicle.

To avoid creating dangerous situations for yourself and others in use of the system, please pay attention to the following points:

– the system must be used keeping full control of the vehicle; in the case of doubt in the use of the functions, it is necessary to stop before performing the various operations;

– use of the cell phone is prohibited near explosive substances.

The navigation system allows you to reach your destination, indicating each route change stored on the navigation CD-ROM. In fact, in calculating the route, the system takes into account of all the information stored concerning the roads, advising the best route. However it cannot take account of the traffic, sudden interruptions or any other inconvenience.

***WARNING***

***The navigation system helps the driver while driving by suggesting, vocally and graphically, the best route to be followed to reach the preset destination. The suggestions given by the navigation system do not exempt the driver from full responsibility due to driving behaviour and compliance with road and other traffic regulations. The responsibility for road safety always and anyway lies with the vehicle's driver.***

In carrying out any manoeuvre it is always necessary to follow the rules of the road, regardless of the advice given by the navigation system. If you leave the suggested route, the navigation system will calculate a new one and suggest it to you.

## SYSTEM POWER ON

The system can be switched on according to two different methods:

**automatic switching on** with ignition key to **MAR**;

**manual switching on**:

– by pressing knob **16-fig. 1**;

– with direct access to SOS menu by pressing button **25-fig. 1**.

### Automatic switching on

Turning the ignition key to **MAR** will turn the system on automatically, thus activating or making available all the functions described in this manual.

### Manual switching on

With ignition key at **STOP** press knob **16-fig. 1**, to switch the system on, thus making available the following modules:

– MAIN,

– AUDIO,

– NAV,

– TEL,

– **Targasys**.

**IMPORTANT** In this mode, the SETUP and TRIP modules can be activated; however, it will not be possible to validate any operation concerning parameter change, language change, units change and any other type of adjustment provided by the system. These limitations are normal when switching the system on manually by the knob **16-fig. 1**, since with engine off (key at **STOP**) the vehicle data transmission devices are not operating.

Turning the ignition key to **MAR**, will make all system functions active.

## SYSTEM POWER OFF

The CONNECT system can be switched off according to two different modes:

– **deactivation independent** of ignition key

– **deactivation dependent** on ignition key

To choose the power-off mode, see the Power OFF submenu in the SET-UP menu.

### Deactivation independent of ignition key

With this mode active, the system can be turned off by pressing the knob **16-fig. 1**.

The display will show the message "PLEASE WAIT WHILE SYSTEM TURNS OFF".

**IMPORTANT** With ignition key at **STOP**, deactivation is delayed and will take place after 20 minutes if the system has a destination set or a phone call is in progress.

### Deactivation dependent on ignition key

With this mode active, the system can be switched off by turning the ignition key to **STOP** or pressing the knob **16-fig. 1**.

**IMPORTANT** Deactivation with ignition key to **STOP** is delayed and will take place after 20 minutes if the system has a destination set or a phone call is in progress.

# PROTECTION AGAINST THEFT

### Power-on authentication procedure

The system is protected against theft and unauthorised installation by means of an "authentication procedure".

This kind of verification involves Body Computer Node (by means of messages exchanged on vehicle network) and is performed at every power-on.

The procedure will not take place if the system is switched on by means of knob **16-fig. 1** or button **25-fig. 1** and ignition key at **STOP**. In this case, the system is enabled to work normally, without authentication procedure.

With ignition key at **MAR**, if authentication fails, system starts working as usual, but the user is asked to enter the 4-digit "Master Code" to allow access to the standard functions.

Master code is unique for each system, and is stored in its memory and can not be reset.

A specific screen allows code insertion, **fig. 2**. Behaviour of this box is similar to PIN insertion request, but the dialog box itself is generated on a wholly blackened screen.

After entering the code, press the knob **22-fig. 1** to confirm.

After the code is entered, a second screen notices the user that the authentication procedure is in progress, **fig. 3**.

In case the correct code is provided, the system is fully enabled. On the contrary, if a wrong code is entered, screen is cleared and previous box is shown again with the following string:

"Incorrect code entered. Enter Master Code not turn off system.

There is no upper limit to the number of wrong codes that can be entered.


fig. 2


fig. 3

# MAIN MODE

The MAIN mode is activated by pushing the "MAIN" button **17-fig. 1** on the front panel.

It is possible to access the Set-up menu from the MAIN mode.

To access the Set-up menu, display the page MAIN then push on knob **22-fig.1**. Set-up functions will be accessed (refer to the SET-UP chapter).

Depress several times "ESC" **23-fig.1** for returning to the display of MAIN.

## STANDARD INFORMATION

The display shows information relevant to the main system modules:

– AUDIO
– TELEPHONE
– NAVIGATOR

Three fields are displayed **fig. 4**:

– Navigation: current vehicle position (street and town), graphic symbol representing next manoeuvre and distance or position data if the navigation CD ROM is not inserted, **fig. 5**.

– Telephone: GSM provider (if no provider is present, then the display shows "FIND…". If phone is switched off, the string will be "TEL OFF" **fig. 6**. Active call forward arrow-shaped icon, unread SMS message envelope-shaped icon, field strength status bar.

– Audio source: RDS string, tuned band and frequency, or CD playback track.

In MAIN mode the following keys are active: "SRC" **15-fig. 1** to select the required audio source, multifunction keys **1÷12-fig. 1** to activate the options available in the selected audio source.

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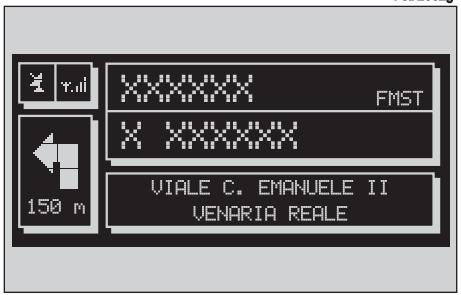


fig. 4

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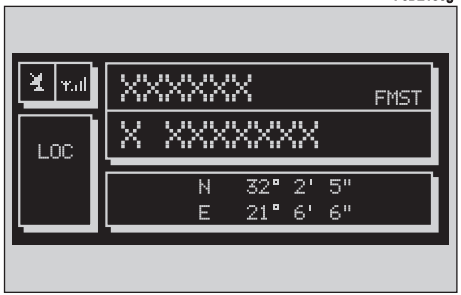


fig. 5

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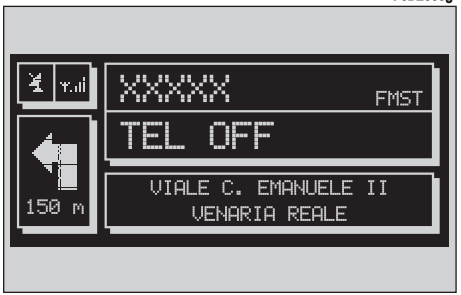


fig. 6

# "SETUP" FUNCTION

The SETUP mode enables to set different vehicle and CONNECT system operating modes and parameters.

To enter the SETUP mode, press the MAIN button **17-fig. 1** and then the knob **22-fig. 1**, the display will show the following menu **fig. 7**:

– LANGUAGE

– CONNECT.

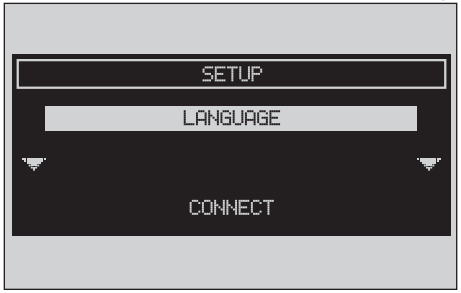


fig. 7

Select LANGUAGE by rotating knob **22-fig. 1** and confirm by depressing it. Languages available with system will be displayed: ITALIAN, GERMAN, ENGLISH, FRENCH, PORTUGUESE and DUTCH; select the required language by turning knob **22-fig 1**, then depress it to confirm the operation.

**WARNING** Change of language will involve both the written text and the language of vocal commands.

**WARNING** Before starting language change procedure, be sure that the provided SETUP CD is available and ready to be used.

**WARNING** To change the language the ignition key shall be at **MAR** and the system shall be on.

A special message will then be displayed, asking the user to insert the provided SETUP CD or to wait if the SETUP CD is already inserted. A series of messages will inform the user about procedure progress and end: it is essential to not "disturb" the system during this operation.

Do not start the engine or disconnect the battery during the language change operation.

Should this take place, the first time you turn the system on, a special message will be displayed communicating that the language change operation shall be concluded inserting the SETUP CD: "WARNING: LANGUAGE CHANGE FAILED. PLEASE REPEAT PROCEDURE".

Selecting CONNECT by turning and pressing the knob **22-fig. 1**, the display will show the following submenu:

– VIDEO

– POWER OFF

– SERIAL DATA INTERFACE

– FLEET MANAGEMENT.

## VIDEO

Selecting and confirming "VIDEO" by rotating and pressing the knob **22-fig. 1** will allow the following settings:

**1)** "DAYTIME BRIGHTNESS": enables to adjust the display brightness in day mode. To perform the adjustment, select and confirm this option by rotating and pressing the knob **22-fig. 1**. Rotate the knob **22-fig. 1** clockwise to increase brightness and counterclockwise to decrease it.

**2)** "DAYTIME CONTRAST": to adjust contrast in daytime brightness mode. To perform the adjustment, select and confirm this option by rotating and pressing the knob **22-fig. 1**. Rotate the knob **22-fig. 1** clockwise to increase contrast and counterclockwise to decrease it.

**3)** "NIGHTTIME BRIGHTNESS": enables to adjust the display brightness in night mode. To perform the adjustment, select and confirm this option by rotating and pressing the knob **22-fig. 1**. Rotate the knob **22-fig. 1** clockwise to increase brightness and counterclockwise to decrease it.

**4)** "NIGHTTIME CONTRAST": to adjust contrast in nighttime brightness mode. To perform the adjustment, select and confirm this option by rotating and pressing the knob **22-fig. 1**. Rotate the knob **22-fig. 1** clockwise to increase contrast and counterclockwise to decrease it.

**5)** "MODE, DIMMING, CONTRAST": selecting and confirming this option by rotating and pressing the knob **22-fig. 1**, the following settings are possible:

"AUTOMATIC": enables to adjust automatically the day/night mode depending on vehicle lights switching on/off.

"DAY": activates day mode.

"NIGHT": activates night mode.

After selecting the required setting, press the knob **22-fig. 1** to confirm.

If the automatic mode is "DAY" only day adjustment is displayed and the night one is deactivated.

If the automatic mode is "NIGHT" only night adjustment is displayed and the day one is deactivated.

## POWER OFF

Select and confirm "POWER OFF" by rotating and pressing the knob **22-fig. 1** to access the type of setting that determines CONNECT switching off (dependent on or independent of ignition key).

Possible settings, only with ignition key at **MAR**, are the following:

– "key-dependent auto-off"

– "key-independent auto-off"

Current activated setting will be highlighted.

Select and confirm the required setting by rotating and pressing the knob **22-fig. 1**.

## SERIAL DATA INTERFACE

**IMPORTANT** The SERIAL DATA INTERFACE function is not supported by system.

## FLEET MANAGEMENT

When choosing this function, the CONNECT Nav system sends automatically SMS messages (to a suitable preset receiver, e.g. a control centre) containing the position of the vehicle mounting the CONNECT Nav.

SMS messages are structured as follows:

– vehicle location (latitude and longitude)

– city (only with navigation CD inserted; if no CD is inserted, the field is empty)

– street (only with navigation CD inserted; if no CD is inserted, the field is empty)

– time and date

– vehicle ID (number plate).

**Example**: LT:-2.30000;LG:-2.40000; #Benevento;#
Via Basilio Giannelli;#S:30;M:20; H:19;ND:2;D:02;MH:10;Y:2001;#BR757AM;#

| | |
|---|---|
| Latitude: | -2.30000 |
| Longitude: | -2.40000 |
| City: | Benevento |
| Street | Via Basilio Giannelli |
| Time and date | hour19.20 minutes, 30 seconds Tuesday 2/10/2001 |
| Number plate | BR757AM |

If the navigation CD is inserted, the vehicle position is processed matching coordinates with system maps.

In any case, navigation CD absence, does not impair system operation.

The system will send the SMS message even if the GPS coverage is temporarily missing; in this case the vehicle position is calculated through the "dead reckoning" procedure.

To activate the FLEET MANAGEMENT function, proceed as follows:

– press the "MAIN" button **17-fig. 1** to display the main screen;

– turn and press the knob **22-fig. 1** to select and confirm "CONNECT"; the display will show the "CONNECT" menu;

– turn and press the knob **22-fig. 1** to select and confirm "FLEET MANAGEMENT" **fig. 8**; the screen in **fig. 9** will be displayed;


fig. 8

– select and confirm "Sending mode" by rotating and pressing the knob **22-fig. 1**, the screen in **fig. 10** will be displayed;

– select and confirm "ON" (or "OFF" if you want to deactivate it) by rotating and pressing the knob **22-fig. 1**;

– turn the knob **22-fig. 1** to select "EVENT MODE" then press the knob to confirm; the condition shown in **fig. 11** will be displayed;

– turn the knob **22-fig. 1** to select "ROUTE (km/mi)" or "TIME (hours)", then press the knob to confirm.

Selecting "ROUTE (km/mi)" the message will be sent at the number of km or miles set in "DATA FREQUENCY SEND"; selecting "TIME (hours)" the message will be sent at the number of hours set in "DATA FREQUENCY SEND";

– turn knob **22-fig. 1** to select "DATA FREQUENCY SEND" then press to confirm; according to the previously set parameter (route or time) the display will show the screen in **fig. 12** or **fig. 13**;

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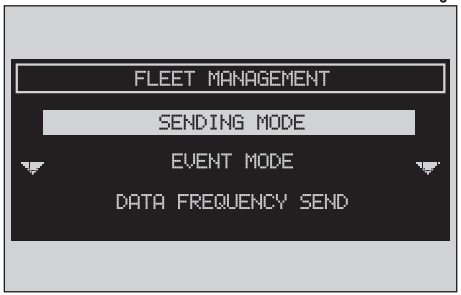


fig. 9

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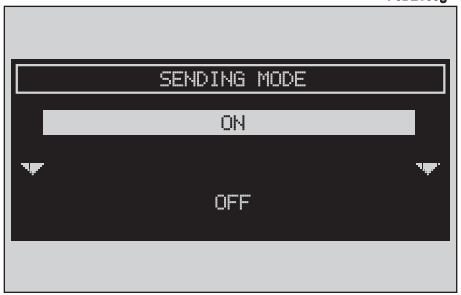


fig. 10

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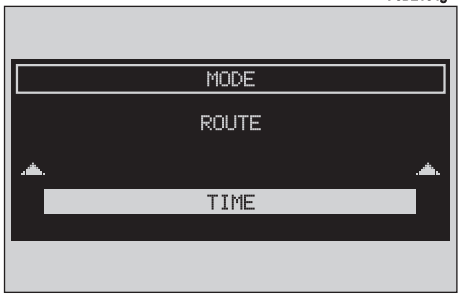


fig. 11

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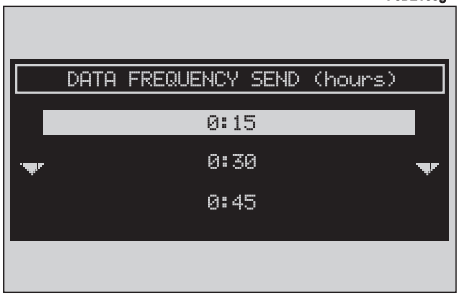



fig. 12

– turn knob **22-fig. 1** to select the required value, then press to confirm;

– turn knob **22-fig. 1** to select "VEHICLE ID" then press to confirm; the display will show the screen in **fig. 14** and the keypad for typing in the vehicle identification data (e.g.: number plate; turn knob **22-fig. 1** to select in sequence the required digits and/or letters, then press each time to confirm the character. Once you have completed the vehicle ID, select "OK" and press knob **22-fig. 1** the display will return to the initial screen and the field near "Vehicle ID" will show the entered alphanumeric string;

– turn knob **22-fig. 1** to select "TELEPHONE NUMBER"; the screen in **fig. 15** will be displayed together with the alphanumeric keypad for dialling the required telephone number to which SMS shall be sent; turn knob **22-fig. 1** to select in sequence the required numbers and press it to confirm each time. Once you have completed the telephone number, select "OK" and press the knob **22-fig. 1**; the display will return to the initial screen and the field near "TELEPHONE NUMBER" will show the entered number;

– turn knob **22-fig. 1** to select "OK" then press the knob to confirm settings; the display will return to the initial screen.

F0D2168g

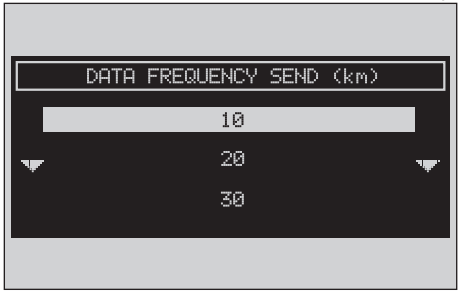



fig. 13

F0D2166g


fig. 14

F0D2167g


fig. 15

### Operation requirements

The "FLEET MANAGEMENT" function is operational if the following conditions are present:

– "FLEET MANAGEMENT" function active;

– service centre telephone number entered;

– vehicle ID entered;

– frequency set (**time** or **route**);

– CONNECT on;

– SIM card inserted;

– sufficient credit;

– GSM coverage.

### Failing message sending

Should one or more of the following conditions - e.g.: CONNECT off, SIM card not inserted or disabled, insufficient GSM coverage - take place when sending SMS messages, their regular transmission will be impaired.

In this case the system will store the messages and send them later (max. 10 messages) when normal operating conditions are restored.

**IMPORTANT** More particularly, the condition of CONNECT off will store the messages with incorrect position, since the first position present at system switching on will be detected.

# AUDIO

The audio system is turned on by pressing briefly the "AUDIO" button**18-fig. 1** which displays the main functions of the radio.

Keeping the "AUDIO" button **18-fig. 1**, pressed longer, with the audio system on and any operating mode active, the "stand-by" mode is switched on: this way the radio is turned off and the display shows the message "AUDIO OFF" **fig. 16**. To turn the radio on again, briefly press the "AUDIO" button **18-fig. 1**, thus reactivating the audio function with the corresponding screen.

Through the audio system it is possible to control:

– RDS radio with FM/AM reception;

– Compact Disc player;

– equalizer;

– MP3 player.

F0D2004g


fig. 16

## SCREEN OPTIONS AND FUNCTIONS

Pressing repeatedly the "SRC" key **3-fig. 1** the available audio sources are displayed cyclically:

– Radio (FM1, FM2, FM3, FMST, LW, MW, AMST)

– CD / NO CD (if CD is inserted or not).

The audio source is automatically changed in one of the following cases:

– broadcasting of traffic information, if the TA function is on and an enabled station is tuned (TP)

– forwarding a phone call

– receiving a phone call

– voice recognition function activation.

# RADIO MODE

If the active source is FM radio (FM 1/2/3), the display will show the current radio status **fig. 17**:

– Active frequency band FM: FM1, FM2, FM3.

– Tuned station frequency.

– Frequency measure unit (MHz).

– Stored station frequency and RDS channel name.

– Vertically, on the right window: chosen PTY (if any), AF, tuner sensitivity (LOC "low sensitivity", DX "high sensitivity"), MONO/STEREO, TA, TP, EON.

The lower side of the front panel features 12 multifunction keys:

– 1..6 ((short push): to select a previously stored station; there are 6 available memories for each band (FM 1/2/3, LW, MW).

– 1..6 (long push): to store the current station.

Press the knob **22-fig. 1** to display the main audio menu with the following options, **fig. 18**:

– TA: to enable/disable traffic announcement.

– AF: to enable/disable alternative frequency function.

– RDS: to enable ("YES") disable ("NO") the RDS function.

– PTY-PROG. TYPE: to select the required PTY code (channel filter) through a list of 32 available codes.

– AUTOSTORE: to store automatically the six stations with the strongest signal in the frequency band tuned.

– BAND SCAN: to play for 10 seconds the radio stations in the band tuned.

– PRESET SCAN: to play for 10 seconds the radio stations stored in the band tuned.

– STATION LIST: to list the radio stations previously stored in the band tuned, and to list also the RDS codes and frequencies **fig. 19**.

F0D2005g

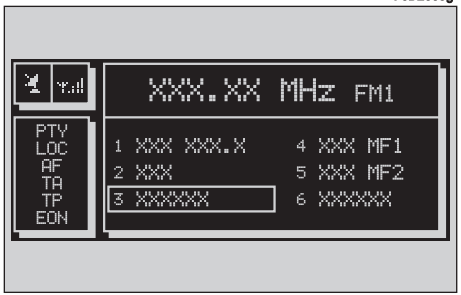



fig. 17

F0D2006g

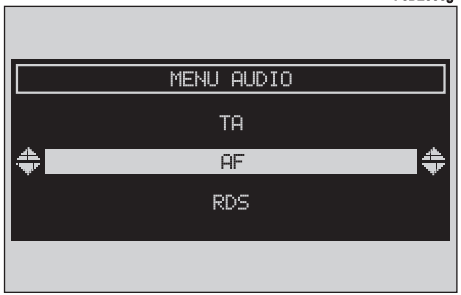



fig. 18

F0D2007g

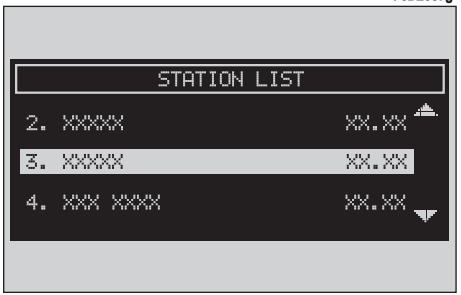



fig. 19

– RADIO SETUP: to display the radio setup menu with the following options **fig. 20**:

LOC/DX: to change tuner sensitivity for searching stations (LOC for "low sensitivity", DX for "high sensitivity" - only available in FM band).

MONO/STEREO: to enable/disable stereo playback, (only available in FM band).

REGIONAL: to enable/disable RDS REGIONAL function, (only available in FM band).

– NEWS: to enable/disable PTY NEWS function, (only available in FM band).

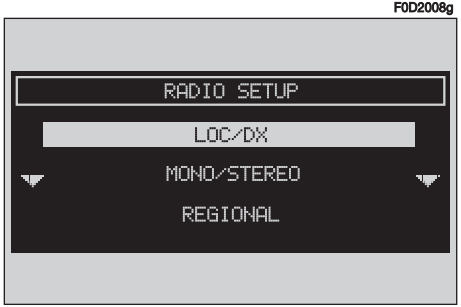



fig. 20

– AUDIO SETUP: to display the audio setup menu; for detailed description of the different menu functions, see the relevant paragraph in chapter "AUDIO SETTINGS".

The front panel keys are the following:

– ◄◄ and ►► (short push): backward or forward 50 kHz skip from the current tuned frequency;

– ◄◄ and ►► (long push): tuning to next or previous station, according to active filters (TA, PTY). When searching stations, the RDS code is replaced by string "SEEK+ or SEEK-".

## MANUAL TUNING

This allows manual station searching in the chosen band.

Proceed as follows:

– select the frequency band (FM1, FM2, FM3, MW, LW) pressing the "SRC" key **15-fig. 1** repeatedly;

– briefly press key "◄◄" **11-fig. 1** or "►►" **12-fig. 1** to start the search for tuning the previous or next station that can be received.

## AUTOMATIC TUNING

This function seeks automatically stations in the chosen band.

Proceed as follows:

– select the frequency band (FM1, FM2, FM3, MW, LW) pressing repeatedly the "SRC" key **15-fig. 1**;

– press "◄◄" **11-fig. 1** or "►►" **12-fig. 1** to start the search for tuning the previous or next station that can be received.

If the "TA" function is on (traffic information), the tuner only seeks stations that broadcast traffic bulletins.

If the "PTY" function is on, the tuner only seeks PTY stations.

## MANUAL STATION STORAGE

The station being heard can be stored in the range chosen with the multifunction keys **1÷ 6-fig. 1**.

Keep one of these keys pressed until the display shows the number of the key with which the station has been stored.

A confirmation beep will indicate that the station has been stored.

## LISTENING TO STORED STATIONS

Proceed as follows:

– choose the required frequency band (FM1, FM2, FM3, FMST, LW, MW or AMST) pressing repeatedly the "SRC" key **15-fig. 1**;

– press briefly one of the multifunction keys **1÷ 6-fig. 1**.

In the FM1, FM2, FM3 and FMST bands, if reception is poor and the "AF" alternative frequency seek function is on, a station with the strongest signal that is broadcasting the same programme is automatically sought.

## "AUDIO SETUP" FUNCTION (AUDIO ADJUSTMENTS)

Audio parameters can be activated and adjusted in the same way with all the audio sources (Radio, CD, CD-Changer and MP3).

Adjustment procedure is described in the relevant paragraph in section "AUDIO SETTINGS".

## "TA" FUNCTION (TRAFFIC INFORMATION)

Certain stations in the FM band (FM1, FM2, FM3 and FMST) are also enabled to broadcast information about the conditions of the traffic. In this case the displays shows the abbreviation "TP".

To turn on/off the TA function (Traffic Announcement) for traffic bulletins, press the knob **22-fig. 1** from the main audio menu **fig. 18**. Turn and press the knob **22-fig. 1** to select "TA". Select "ENABLED" or "DISABLED" and then press the knob again.

When the TA function is on, the display shows "TA" at the bottom of the main screen on the left side.

The listening conditions and information shown on the display may be the following:

– TA and TP: you are tuned to a station that broadcasts traffic information and the traffic information function is on

– TP: you are tuned to a station that broadcasts traffic information but the traffic information function is off

– TA: the traffic information function is on but you are tuned to a station that does not broadcast traffic information

– TA and TP not shown on the display: you are tuned to a station that does not broadcast traffic information and the traffic information function is off.

With the TA function on it is possible:

**1)** to search stations broadcasting traffic info only in the FM band;

**2)** to receive traffic information also if the CD/MP3 player is working;

**3)** to receive traffic information at a preset minimum level also with the radio completely muted.

The operations to be carried out for each of the above described conditions are listed below.

**1**) To receive stations enabled to broadcast traffic information:

– choose band FM1, FM2 or FM3;

– turn on the TA function so that the display shows "TA";

– start seeking the frequencies.

**2**) If you wish to receive traffic information while listening to a CD, before inserting the CD, tune to a station enabled to broadcast traffic information (TP) and turn the TA function on. If, while playing the CD, this station broadcasts traffic information, CD playing will be temporarily stopped and resumed automatically at the end of the message.

If the CD player is already working and at the same time you wish to receive traffic information, turning on the TA function, the radio tunes to the last station heard in the FM band and the traffic announcements are transmitted. If the station selected does not broadcast traffic information, an enabled station is sought automatically.

To stop traffic announcement, turn off the TA function while receiving traffic messages.

If the tuned station belongs to the EON (ENHANCED OTHER NETWORK) circuit, the display will show "EON"

A telephone call has higher priority than traffic message.

**IMPORTANT** In certain countries, radio stations exist which though the TP function is active (the display shows "TP"), do not broadcast traffic information.

If the radio is working in the AM band, choosing the FM band tunes to the last station heard. If the chosen station does not broadcast traffic information ("TP" not shown on the display), an automatic search is started for an enabled station.

If the volume is changed during a traffic bulletin the value is not shown on the display and the new value is kept only for the bulletin in progress.

**IMPORTANT** If the TA function is on and the station tuned is not enabled to provide traffic information or is no longer able to broadcast this information (the display does not show "TP"), after about 1 minute in which the radio is in these conditions:

– if a CD is being played another station enabled to broadcast traffic information is sought automatically.

## "AF" FUNCTION (SEEKING ALTERNATIVE FREQUENCIES)

Within the RDS system the radio can work in two different modes:

– AF ENABLED: alternative frequency search on;

– AF DISABLED: alternative frequency search off.

When the signal of the RDS station tuned weakens, the following two cases may occur:

– With AF ENABLED the RDS system activates automatic tuning of the optimum frequency of the station chosen, with the stations enabled, therefore the radio is automatically tuned to the station with the strongest signal that is broadcasting the same programme. During the journey it will thus be possible to continue listening to the station chosen without having to change the frequency when changing area. Of course, the station being listened to must be receivable in the area the vehicle is crossing.

– With AF DISABLED the radio will not tune the strongest station automatically and it will have to be found manually using the tuner buttons.

To turn the "AF" function on/off, select and confirm "AF" by the knob **22-fig. 1**, from the main audio menu **fig. 18**. Then, select and confirm "ENABLED" or "DISABLED" by the knob **22-fig. 1**.

When the AF function is on, "AF" is displayed in the vertical list of main audio screen.

The RDS channel name (if available) is still shown on the display.

## "RDS" FUNCTION

The "RDS" function enables/disables RDS string (showing the tuned station name) display.

To turn the "RDS" function on/off, select "RDS" by the knob**22-fig. 1** from the main audio menu **fig. 18**, then press the knob to select "YES" or "NO".

When the "RDS" function is on, the display shows the string with tuned station name.

## "PTY-PROG. TYPE" FUNCTION (CHOOSING A TYPE OF PROGRAMME)

The "PTY-PROG. TYPE", function, when present, makes it possible to give priority to broadcasters transmitting programmes classified according to the type of PTY. PTY programmes may concern emergency announcements or various subjects (e.g. music, news). To access the list of PTY programmes, choose and confirm "PTY-PROG. TYPE" with the knob **22-fig. 1** from the main audio menu **fig. 18**; the display will show the screen with the list of PTY programmes and the subject of the last station heard (e.g "NEWS"). To scroll the list of PTY programmes, turn the knob **22-fig. 1**. To choose a type of programme, press the knob after choosing the required type of programme.

**IMPORTANT** The PTY function can only be turned on in the FM band.

The list of PTY programmes is the following:

– NO PTY
– NEWS
– AFFAIRS
– INFO
– SPORT
– EDUCATE
– DRAMA
– CULTURE
– SCIENCE
– MISC
– POP M
– ROCK M
– EASY M
– LIGHT M
– CLASSICS M
– OTHER M
– WEATHER
– FINANCE
– CHILDREN
– SOCIAL
– RELIGION
– PHONE IN
– TRAVEL
– LEISURE
– JAZZ
– COUNTRY
– NATION M
– OLDIES
– FOLK M
– DOCUMENT
– TEST
– ALARM.

To store the station tuned, press one of the 6 multifunction keys **1 ÷ 6-fig. 1** for over two seconds.

To seek a station with this programme, follow the instructions given in the "AUTOMATIC TUNING" paragraph.

If no station is available with this type of programme, the station selected previously is returned. Select "NO PTY" if you do not wish to set a programme type.

## "AUTOSTORE" FUNCTION (AUTOMATIC STATION STORAGE)

After selecting the AMST or FMST band, to turn on the Autostore function (automatic station storage), select and confirm "AUTOSTORE" with the knob **22-fig. 1**.

When this function is on, the radio automatically stores the stations with the strongest signal:

– 6 FM stations in the FMST band or

– 6 AM stations in the AMST band.

Stations will be stored automatically on the multifunction keys **1 ÷ 6-fig. 1**. After storage, the radio tunes automatically to the first station of the FMAST band, corresponding to the frequency stored on the multifunction key **1-fig. 1**.

Every station is stored only once, except in the case of regional programmes which in certain cases might be stored twice.

The behaviour of the set during Autostore is as follows:

– at the beginning of the Autostore function all the other functions are disabled

– any change in volume is not shown on the display

– pressing one of the multifunction keys **1 ÷ 6-fig. 1** the automatic storage process is interrupted and the station stored with that key is tuned

– selecting and activating a radio function (e.g. PTY) the automatic storage process is interrupted, the last station heard before tuning on Autostore is tuned and the function associated with the key pressed is run

– selecting and activating one or both TA/AF functions during the automatic storage process, automatic storage will be interrupted, the TA (traffic information) and AF (alternative frequencies) functions will be turned on/off and a new automatic storage process will be started

– changing the audio source (Radio, CD) during the automatic storage process, the Autostore function is interrupted.

**IMPORTANT** It may occur that the Autostore function is unable to find 6 stations with a strong signal; in this case only the stations found are stored.

**IMPORTANT** Activating the "Autostore" function cancels the stations stored previously in the FMST or AMST band.

## "BAND SCAN" FUNCTION

The "BAND SCAN" function activates station scanning in the chosen frequency band. Each station frequency will be displayed for about 10 seconds.

To turn on the "BAND SCAN" function, select and confirm "BAND SCAN" with the knob **22-fig. 1** from the main audio menu.

During scanning, the display will show "BAND SCAN".

To stop the band scan function, press "ESC" **23-fig. 1**.

## "PRESET SCAN" FUNCTION

The "PRESET SCAN" function activates stored station scanning in the chosen frequency band. Each stored station will be played for about 10 seconds.

To turn on the "PRESET SCAN" function, select and confirm "PRESET SCAN" with the knob **22-fig. 1**, from the main audio menu.

During scanning, the display will show "PRES. SCAN". To stop the band scan function, press "ESC" **23-fig. 1**.

## "STATION LIST" FUNCTION

The "STATION LIST" function displays a screen **fig. 19**, listing the radio stations previously stored in the tuned band, the RDS codes and the corresponding frequencies.

To turn this function on, select and confirm "STATION LIST" with the knob **22-fig. 1** from the main audio menu. To scroll the stored station list use the encoder **14-fig. 1**.

## "RADIO SETUP" FUNCTION

To turn this function on, select and confirm "RADIO SETUP" with the knob **22-fig. 1** from the main audio menu.

This function enables to go to next window to adjust radio settings. When in this window it is not possible to change the audio source. The following functions are displayed:

– LOC/DX

– MONO/STEREO

– REGIONAL

– NEWS.

## "LOC/DX" FUNCTION (TUNER SENSITIVITY ADJUSTMENT)

With this function it is possible to change the sensitivity of automatic radio station searching. When low sensitivity "LOC" is set, only stations with excellent reception are sought; when high sensitivity "DX" is set, all the stations are sought. If you are in an area with a large number of broadcasters and you want the ones with the strongest signal, choose low sensitivity "LOC".

To choose between low or high tuner sensitivity, press the knob **22-fig. 1** after selecting "LOC/DX" by turning the knob. The abbreviation of the sensitivity chosen will be shown on the display:

– LOC = low sensitivity;

– DX = high sensitivity.

Select the required item and then press the knob **22-fig. 1** to confirm.

## "MONO/STEREO" FUNCTION

To turn on/off the Stereo function (stereo station reception) press the knob **22-fig. 1** after selecting "MONO/STEREO" with the knob. Select and confirm "STEREO or "MONO" by turning and pressing the knob **22-fig. 1**.

*This function is only available on FM band.*

When the signal of the station tuned is weak, to improve the sound quality, it is advisable to switch to "MONO".

## "REGIONAL" FUNCTION

This function enables or disables a RDS regional service.

To turn this function on/off, select and confirm "REGIONAL" with the knob **22-fig. 1**.

Select "ENABLED" or "DISABLED" rotating and pressing the knob **22-fig. 1** to confirm.

*This function is only available on FM band.*

### "NEWS" FUNCTION

This function shortly enables or not the PTY code News.

To turn this function on/off, select and confirm "NEWS" with the knob **22-fig. 1**.

Select "ENABLED" or "DISABLED" rotating and pressing the knob **22-fig. 1** to confirm.

*This function is only available on FM band.*

If the tuned band is AM, the display shows a screen like that displayed for the FM band but with the following differences **fig. 21 - 22**.

– TA, AF, RDS and PTY functions are not present.

– Certain information concerning the station (stereo signal, TP code, EON, TMC, PTY) are not present.

– Frequency unit is changed (kHz).

## CD MODE

To guarantee optimum playing, use original CDs. If using R/RW CDs, use top quality CDs duplicated at as low as possible speed.

**IMPORTANT** Never use 8 mm audio or MP3 CDs, even with the specific adapter, since this format will damage the system.

Choosing the CD source with the "SRC" key **15-fig. 1**, will display a screen with the following options **fig. 23**:

– Audio source: CD.

– CD name (if set).

– "TA", if traffic announcement function is on.

– Track and time information.

F0D2009g


fig. 21

F0D2010g

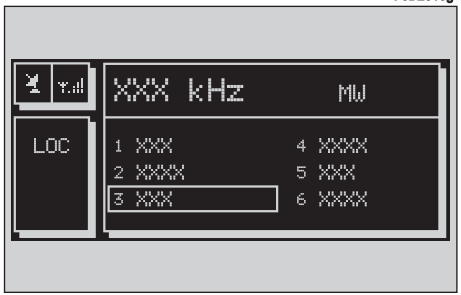



fig. 22

F0D2011g

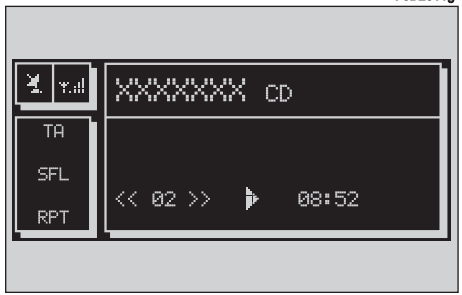



fig. 23

– Current status of CD (play ►, pause **II**, stop ■).

– CD time information. If the CD is not inserted, the display will show the message "NO CD" "NO CD-DA" and all CD options are disabled.

– SCAN, if the SCAN function is on.
– SFL, if the SHUFFLE function is on.
– RPT ONE /REPEAT ALL, if the relevant functions are on.
– PROG, if the PROG function is on.

The front panel keys are the following:

**◄◄ 11/►► 12**: to select previous or next CD track;

**II► 10** (short push): to play or stop the CD;

**II► 10** (long push): to pause the CD.

Press the knob **22-fig. 1** to display the following options:
– CD SHUFFLE
– CD TA
– CD REPEAT
– CD PROG
– CD SCAN
– CD COMPRESSION
– CD SETUP
– AUDIO SETUP.

## "CD SHUFFLE" FUNCTION (RANDOM PLAYING)

To turn the "SHUFFLE" function on/off, press the knob **22-fig. 1**, after selecting "SHUFFLE" with the knob. Select and confirm "YES" or "NO" by rotating and pressing the knob **22-fig. 1**. When the Shuffle function is on, the display shows "SFL".

With this function on, the CD tracks are played in random sequence. To turn off this function select "NO" with the same above described procedure.

## "CD TA" FUNCTION (TRAFFIC INFORMATION)

To turn the TA function (Traffic Announcement) on/off while listening to a CD, select and confirm "CD TA" with the knob **22-fig. 1** .

When the "TA" function is on, the main screen displays "TA".

For the description of the function, refer to the corresponding paragraph in the "RADIO MODE" chapter.

## "CD REPEAT" FUNCTION

To activate this function, press the knob **22-fig. 1**, after selecting "CD REPEAT" by turning the knob. The display shows "NO REPEAT", "REPEAT ONE" and "REPEAT ALL".

– "NO REPEAT": repeat function off

– "REPEAT ONE": repeat one CD track

– "REPEAT ALL": repeat all CD tracks

Select and confirm the required item by turning and pressing the knob **22-fig. 1**.

When "REPEAT ONE" or "REPEAT ALL" is on, the display shows "RPT".

## "CD PROG" FUNCTION

To turn the "CD PROG" function on/off, rotate and press the knob **22-fig. 1** after selecting the function.

This function enables or disables playback of the previously user programmed track list (see "CD SETUP" functions).

The "CD PROG" function is disabled if no programmed list has been entered.

## "CD SCAN" FUNCTION (BRIEF PLAYBACK)

To turn the "SCAN" function on/off, rotate and press the knob **22-fig. 1** after selecting the function.

When this function is on, all the CD tracks are played for about 10 seconds in the actual sequence on the CD.

## "CD COMPRESSION" FUNCTION

This function activates dynamic sound compression when playing a CD in the vehicle.

To turn this function on/off, select and confirm "COMPRESSION" with the knob **22-fig. 1**.

Select "YES" or "NO" to turn this function on or off.

Select the required option with the knob **22-fig. 1**, then press it to confirm.

## "CD SETUP" MENU

Select and confirm "CD SETUP" with the knob **22-fig. 1** to display the following menu **fig. 24**:

– CD TIME MODE

– CD PROG

– CD NAME

– CD INFO

– OK.

## "CD TIME MODE" function

The "CD TIME MODE" function defines time information about the CD shown on the display:

– "TRACK ELAPSED TIME" (time elapsed from start of track) (standard function)

– (*) "TOTAL ELAPSED TIME" (total time elapsed from start of CD)

– (*) "TOTAL REMAINING TIME" (total remaining time to the end of CD)

To activate new settings, select "OK" from the CD SETUP menu.

(*) Option not available when the "Shuffle" function is active.

## "CD PROG" function

Selecting and confirming "CD PROG" with the knob **22-fig. 1** will display a numeric keypad **fig. 25**.

*The "CD PROG" function is active only when CD is stopped ("Stop").*

Use the knob **22-fig. 1** to select the number of the track you want to add to the programming sequence. Turn the knob **22-fig. 1** to select the required number and then press it to confirm.

### *"Scroll"*

The "Scroll" function shall be used to select the tracks not displayed.

F0D2012g

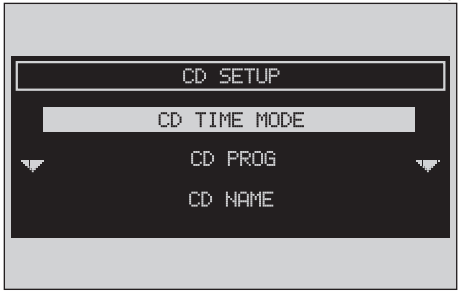



fig. 24

F0D2013g


fig. 25

To turn this function on, select and confirm "Scroll" rotating and pressing the knob **22-fig. 1**. With this function on, rotate the knob **22-fig. 1** to display the remaining track list; press the knob again to turn this function off.

***"DelC"*** *(DELETE)*

The "DelC" function enables to clear off the last stored track.

This function is disabled if the sequence is empty.

To turn this function on, select and confirm "DelC" rotating and pressing the knob **22-fig. 1**.

***"Del"*** *(DELETE ALL)*

The "Del" function enables to delete the entire track list stored.

This function is disabled if the sequence is empty.

To turn this function on, select and confirm "Del" rotating and pressing the knob **22-fig. 1**.

**"OK"**

To confirm the prog sequence select "OK" with the knob **22-fig. 1** and then press it to confirm.

**"CD NAME" function**

If the CD already has a name, this will be shown on the display.

The "CD NAME" function allows to name max. 30 CDs with 20 characters max.

Selecting the "CD NAME" function by rotating and pressing the knob **22-fig. 1** goes to the following submenu **fig. 26**:

– CD NAME

– SEQUENCE

– DELETE

– DELETE NAME

– OK.

*"CD NAME" is active only if CD is stopped ("Stop").*

F0D2014g

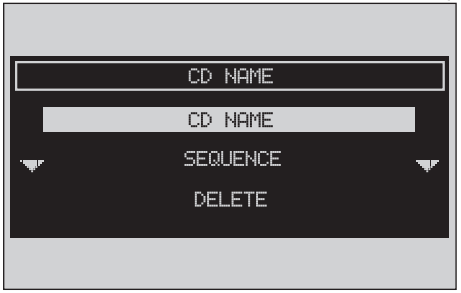



fig. 26

**"CD NAME"**

Select "CD NAME" with the knob **22-fig. 1**, in this way you go to a screen showing an alphanumeric sequence to be used to name the CD inserted **fig. 27**.

Proceed as follows:

– select the first letter rotating the knob **22-fig. 1**;

– press the knob to confirm;

– proceed in the same way for the other letters until completing the name

– select "OK" and press the knob **22-fig. 1** to confirm the CD name.

After confirming the CD name, the previous screen is shown automatically.

F0D2015g


fig. 27

The CD name is automatically associated to CD track number and total time duration.

**"SEQUENCE"**

Selecting and confirming "SEQUENCE" with the knob **22-fig. 1** gives access to a menu with the option to associate a name to a preset track sequence.

Proceed as described before.

**"DELETE"**

This function enables to clear the CD name and track sequence.

To turn this function on, select and confirm "DELETE" rotating and pressing the knob **22-fig. 1**. Before deleting the system will ask for confirmation.

**"DELETE NAME"**

This function enables to delete a previously stored sequence name.

With this function it is possible to delete a specific CD programming sequence although another CD is inserted in the player.

Selecting "DELETE NAME" rotating the knob **22-fig. 1** will display the list of programmed CDs. Select the CD name to be deleted with the knob **22-fig. 1** and then press it to delete. Select "OK" to confirm.

**"OK"**

To confirm your choices, select and confirm "OK" with the knob **22-fig. 1**; the name and the associated sequence will be stored or deleted.

**IMPORTANT** In case of buffer full, a warning message "WARNING, MEMORY FULL" will be displayed to point out the problem. The user shall have to delete some previously stored CD names.

**"CD INFO" function**

Selecting and confirming "CD INFO" with the knob **22-fig. 1**, will display a screen with the following information:

– CD name;

– track sequence (if defined).

## "AUDIO SETUP" FUNCTION (AUDIO ADJUSTMENTS)

To access the audio setup menu while listening to a CD, select and confirm "AUDIO SETUP" with the knob **22-fig. 1**.

For the description of the different functions available in the menu, see the corresponding paragraph of the "AUDIO SETTINGS" chapter.

# AUDIO SETTINGS

The audio parameters described in this paragraph can be activated and adjusted with all the audio sources (Radio, CD).

To display the main menu press the knob **22-fig. 1**, with any audio source on.

Selezionare tramite la manopola **22-fig. 1** la funzione "AUDIO SETUP" dal menu principale di una delle sorgenti audio e confermarla premendo la stessa. In questo modo si accede al seguente menù **fig. 28**:

– INFO
– BASS
– TREBLE
– LOUDNESS
– EQUALIZER
– MANUAL EQUALIZER
– AUTO VOL. CONT.
– BALANCE/FADER
– AUTOCLIP DETECT
– MAX. VOL. AT ON
– OK.

Audio parameters will change as soon as setting is performed.

## INFO

This function displays a summary of the selected audio parameters **fig. 29**.

## BASS

(Bass adjustment)

Proceed as follows:

– select "BASS" turning the knob **22-fig. 1**;

– press the knob to confirm;

– turn the knob **22-fig. 1** right to increase the bass tones or left to reduce them.

At the end press the knob to confirm and continue with the other parameter settings.

F0D2016g


fig. 28

F0D2017g

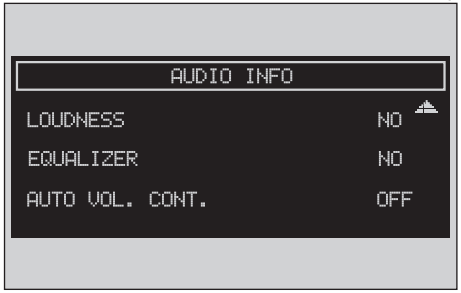



fig. 29

**TREBLE fig. 30**
(Treble adjustment)

Proceed as follows:

– select "TREBLE" turning the knob **22-fig. 1**;

– press the knob to confirm;

– turn the knob **22-fig. 1** right to increase the treble tones or left to reduce them.

At the end press the knob to confirm and continue with the other parameter settings.

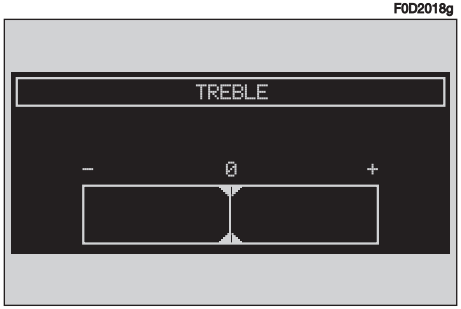



fig. 30

## LOUDNESS

This function improves the level of the sound when listening at low volume, increasing the bass and treble tones.

To turn the function on and off, select and confirm "LOUDNESS" with the knob **22-fig. 1.**

## EQUALIZER

With this function it is possible to choose, among the predefined equalizer settings, the most appropriate one for the music being listened to.

The predefined settings are:

– EQUALIZER OFF = standard setting

– BEST = best setting for listening to music in the vehicle

– ROCK = setting for Rock music

– CLASSIC = setting for classical music

– JAZZ = setting for Jazz music

– MANUAL = personalised settings obtained through the "MANUAL EQUALIZER" function.

To activate the chosen setting, proceed as follows:

– select and confirm "EQUALIZER" rotating and pressing the knob **22-fig. 1**;

– turn and press the knob for the required setting.

A change in the treble and bass setting (Treble/Bass) will turn off the equalizer.

## MANUAL EQUALIZER

This function allows manual adjustment of the 5 equalizer frequency bands and deactivates the treble and bass settings (Treble/Bass).

Proceed as follows **fig. 31**:

– select and confirm "MANUAL EQUALIZER" rotating and pressing the knob **22-fig. 1**;

– turn the knob **22-fig. 1** to select the frequency band to be adjusted (80Hz, 250Hz, 1kHz, 4kHz, 12kHz), then confirm by pressing the knob;

– adjust the band selected turning and pressing the knob **22-fig. 1**;

– after adjusting all the bands, choose "OK" with the knob **22-fig. 1**, then press the knob to confirm and go back to the previous screen.

If "ESC" is pressed **23-fig. 1** you go back to the previous screen with the settings stored previously.

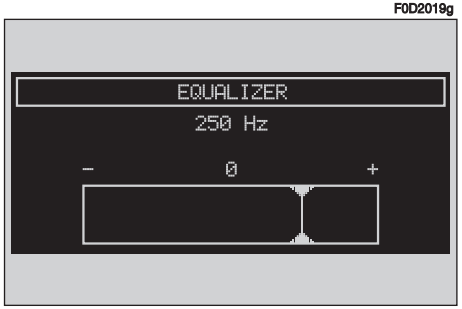



fig. 31

## AUTO VOL. CONT.
(volume changing with speed)

With the "AUTO VOL. CONT." function it is possible to automatically adjust the radio volume level to the speed of the vehicle, increasing it as the speed increases to maintain the correct ratio with the noise level in the passenger compartment.

The adjustment levels available are:

– OFF (function off)

– 1 (MIN) (min. volume)

– 2

– 3

– 4

– 5

– 6

– 7 (MAX) (max. volume).

To turn the function on/off or enter the setting, proceed as follows:

– select and confirm "AUTO VOL. CONT." rotating and pressing the knob **22-fig. 1**;

– turn the knob **22-fig. 1** to select a setting or turn the function off, then press the knob to confirm.

## BALANCE / FADER fig 32
(sound distribution)

The "BALANCE/FADER" function shows a schematic representation of the position of the speakers in the vehicle (left/right and front/rear). Sound distribution is represented by a red small square cursor.

To adjust sound distribution, proceed as follows:

– select and confirm "BALANCE/FADER" rotating and pressing the knob **22-fig. 1**, the display shows the screen in **fig. 33**.

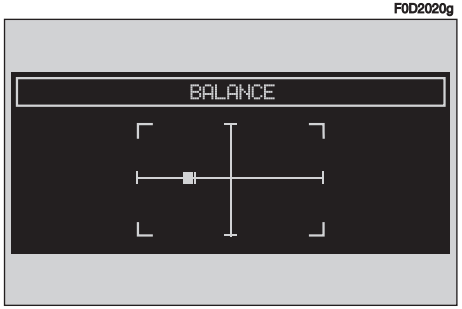


fig. 32

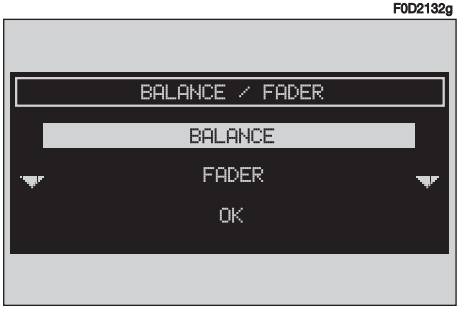


fig. 33

– turn and press the knob **22-fig. 1** to select and confirm "BALANCE", the function that changes the sound distribution in the passenger compartment between the right and left speakers, the display will show the screen in **fig. 33**.

– turn the knob **22-fig. 1** to change the sound distribution in the passenger compartment between the right and left speakers (cursor moving along the horizontal axis), then press the knob to confirm.

In the same way, choose and confirm the "FADER" function to change the sound distribution between the front and rear speakers (cursor moving along the vertical axis).

After adjustment, select "OK" with the knob **22-fig. 1** and then press it to confirm the setting and to go back to the previous screen.

If "ESC" **23-fig. 1** is pressed you go back to the previous screen with the settings stored previously.

## AUTOCLIP DETECT

(dynamic distortion limiter)

With the "AUTOCLIP DETECT" function the radio output level is reduced automatically when excessive distortion level (that could damage the speakers) is detected.

To turn this function on and off, select "AUTOCLIP DETECT" with the knob **22-fig. 1**, then press it to confirm. The function status (on or off) is shown on the display by wording "YES" or "NO".

## MAX. VOL. AT ON

The "MAX. VOL. AT ON" function clips radio volume (at level 10) at power on. If the radio was switched off with a volume setting higher than 10, when activating this function (ignition key at **STOP**, at power on the volume is reset to the above limit.

To turn this function on and off, select and confirm "MAX. VOL. AT ON" rotating and pressing the knob **22-fig. 1**.

## "OK"

At the end, select "OK" with the knob **22-fig. 1** and then press it to confirm and go back to the main "AUDIO SETUP" menu.

# MP3 MODE

To guarantee optimum playing, use top quality CDs duplicated at as low as possible speed.

The system can recognize the type of Compact Disc inserted.

During the reading procedure to recognize the disk the display shows "WARNING - Reading CD. Please wait" and then "Exploring MP3..".

**IMPORTANT** Never use 8 cm audio or MP3 CDs, even with the specific adapter, since this format will damage the system.

**IMPORTANT** The system builds MP3 CD folder-organized structure of files; folders are organized in sequence with their own mp3 tracks (up to max. four levels of folders/subdirectories). Folder and file name length shall not exceed 20 characters.

Characters: blank, **'** (apostrophe), **(** and **)** (open and closed brackets) are not admitted in track names.

When creating MP3 CD you must not use these characters to name files otherwise the system will not be able to play it.

Since a full MP3 CD could hypothetically include thousands of MP3 files, a 999 music pieces limit is imposed by the system. If the user inserts a MP3 CD which has more than 999 tracks (files) in it, then only the first 999 files will be considered and a 7-second warning will be displayed **fig. 34** "WARNING. THE SYSTEM WILL MANAGE ONLY THE FIRST 999 TRACKS ON MP3 CD". This warning will be closed after set time or upon pressing "ESC" **23-fig. 1**.

F0D2021g

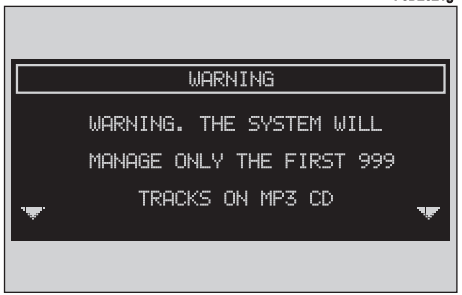



fig. 34

Only one Playlist for each MP3 CD can be managed. Trying to create a second playlist on the same CD you will overwrite the existent one.

The system allows storing a max. number of 10 playlists (10 different CDs); when reaching the last one admitted (when trying to insert the 11th MP3 CD) the oldest playlist will be overwritten; the display will show the following message: "10 PLAYLISTS HAVE ALREADY BEEN STORED. DO YOU WANT TO OVERWRITE THE OLDEST??".

When a MP3 CD is inserted, the system checks the presence of a stored playlist coupled with the CD.

If one of the 10 "known" CDs is detected, playing starts automatically according to the preset sequence. If no playlist coupled to the inserted MP3 CD is found, then playing starts from the first file on the CD.

**IMPORTANT** Technical data and operating conditions for MP3 files:

– sampling frequencies are: 44.1 kHz, stereo (96 to 320 kbit/s) - 22.05 kHz, mono or stereo (32 to 80 kbit/s);

– it is possible to play variable bit-rate tracks (files);

– compatibility with multi-session CDs, in this case only the first CD session will be read;

– reading compatibility with CD-RW;

– MP3 CDs shall have ISO 9660 format;

– incompatibility with ID3TAG-2;

– incompatibility with packet writing CDs (DirectCD™ or INCD™);

– files in WMA™ or Atrac3™ renamed as .mp3, cannot be played.

If recorded MP3 CD was not sampled at right frequency, playback is immediately stopped and the display shows the following message: "FORMAT INCOMPATIBLE. SYSTEM CANNOT READ TRACK" **fig. 35**.

## MAIN SCREEN OPTIONS AND FUNCTIONS

The main screen displays the following functions **fig. 36**:

– audio source (MP3);

– file or track name;

– author (if present);

– TA, SFL, RPT… according to the active function;

– number of the track being played;

– current status of MP3 CD source (play, pause, stop);

– playback time info.

F0D2022g

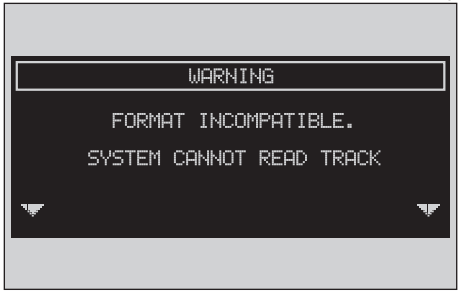



fig. 35

F0D2023g

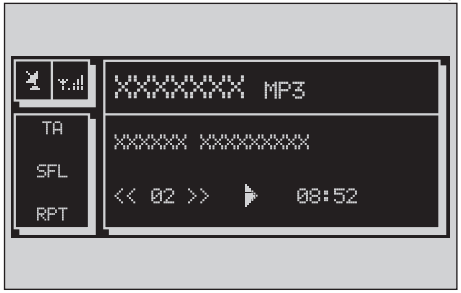



fig. 36

F0D2024g


fig. 37

Pressing the knob **22-fig. 1** will display the following options **fig. 36 - fig. 37**:

– AUDIO SETUP

– DEFINE PLAYLIST

– PLAYLIST

– VIEW PLAYLIST

– COMPRESSION

– TA

– SCAN

– SHUFFLE

– REPEAT

To stop the MP3 CD, press briefly ⏯ **10-fig. 1**. To restart playing, press briefly again ⏯ **10-fig. 1**. To pause the MP3 CD, press continuously ⏯ **10-fig. 1**. "Stop" and "Pause" cause the stop of track playing, maintaining in the main screen information about the last played song.

To eject MP3 CD **28-fig. 1** press ⏏ **26-fig. 1**.

## "AUDIO SETUP" FUNCTION (AUDIO ADJUSTMENTS)

To access the audio setup menu while listening to a MP3 CD, select and confirm "AUDIO SETUP" rotating and pressing the knob **22-fig. 1**.

For the description of the different functions available in the menu, see the corresponding paragraph in chapter "AUDIO SETTINGS".

## "DEFINE PLAYLIST" FUNCTION

"DEFINE PLAYLIST" function allows the management of max. 100 music pieces among those included in the MP3 CD, to be played in a specified sequence. Dedicated windows allow the tracks choice, addition or cancellation. It is possible to add a single track or an entire directory. This function is described in detail in a specific paragraph below.

*"DEFINE PLAYLIST" is disabled when a MP3 CD is playing, you must stop CD playing to enable it.*

## "PLAYLIST" FUNCTION

This function enables or disables playback of the user track list previously programmed through the "DEFINE PLAYLIST" function. To turn this function on/off, select and confirm "PLAYLIST" rotating and pressing the knob **22-fig. 1**.

## "VIEW PLAYLIST" FUNCTION

This function enables to display stored playlists and to edit them partly or completely.

This function is disabled if there is no playlist.

## "COMPRESSION" FUNCTION

This function optimizes MP3 CD sound quality when playing it in the vehicle.

To turn this function on/off, select and confirm "COMPRESSION" rotating and pressing the knob **22-fig. 1**.

## "TA" FUNCTION

(traffic information)

To turn the TA function (Traffic Announcement) on/off while listening to a MP3 CD, select "TA" with the knob **22-fig. 1** and press it to confirm "YES" or "NO".

For the description of the function, refer to the corresponding paragraph in the "RADIO MODE" chapter.

Select "YES" or "NO" by rotating and pressing the knob **22-fig. 1** .

## "SCAN" FUNCTION (brief playback)

To turn this function on/off, select "SCAN" by turning and pressing the knob **22-fig. 1**.

When the SCAN function is on, the display shows "SCAN".

When this function is on, all the MP3 CD tracks are played for about 10 seconds in the actual sequence on the MP3 CD or the preset playlist is played (depending on "Playlist" enable/disable).

Press "ENTER" **15-fig. 1** to turn the function off.

## "SHUFFLE" FUNCTION

(random playing)

To turn this function on/off, select and confirm "SHUFFLE" rotating and pressing the knob **22-fig. 1**.

When the SHUFFLE function is on, the display shows "SFL".

With this function on, the MP3 CD tracks or the playlist are played in random sequence (depending on "Playlist" enable/disable).

Press the knob **22-fig. 1** to turn the function off.

## "REPEAT" FUNCTION

To turn this function on/off, select and confirm "REPEAT" rotating and pressing the knob **22-fig. 1**. The display shows the following icon keys: "NO REPEAT", "REPEAT ONE" and "REPEAT ALL", **fig. 38**.

- "NO REPEAT": repeat function off;

- "REPEAT ONE": repeat one MP3 CD or playlist track;

- "REPEAT ALL": repeat all MP3 CD or playlist tracks.

When this function is on, the display shows "RPT".

Select and confirm the required item by turning and pressing the knob **22-fig. 1**.

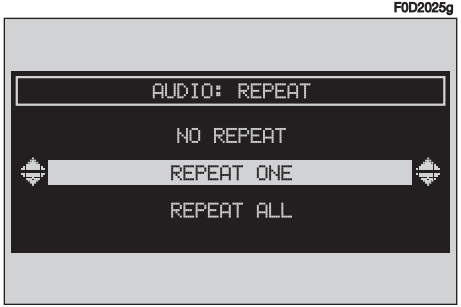



fig. 38

## PLAYING THE PLAYLIST

Inserting a MP3 CD with associated playlist starts sequence playing automatically.

*"DEFINE PLAYLIST", "PLAYLIST" and "VIEW PLAYLIST" functions are active only when MP3 CD is stopped ("Stop").*

At "Stop" (stop playing by pressing "⏯" **10-fig. 1**, the user can modify the playlist through the "DEFINE PLAYLIST" function or can set a playlist. Press "⏯" **10-fig. 1** ("Play") to restart MP3 CD playback.

## PLAYING MP3 CD

Inserting a MP3 CD when no playlist is found, the CONNECT system displays for 5 seconds the name of the first "not empty" folder. Playing starts automatically from the first track of the first folder of the MP3 CD, going on in sequence. When actual folder tracks are all played, the sequence continues with the next MP3 CD folder tracks. Before starting to play the first track of the new folder, the display shows for five seconds the new folder name.

The main screen shows the following information **fig. 39**:

– audio source (MP3);

– when available, author and song name, or file name;

– current track number;

– current status of MP3 CD source (play, pause, stop);

– CD time information;

– TA, SFL, RPT… according to the active function.

"DEFINE PLAYLIST" and "PLAYLIST" can be activated after stopping MP3 CD playing ("Stop").

When playing MP3 CD, buttons ◄◄ **11-fig. 1** and ►► **12-fig. 1** perform the following functions:

– with short push skips to previous/next track in playlist (if any), any change from one folder to another displays the name of the new folder for 5 seconds;

– with long push skips to previous/next not-empty folder (directory). During this operation the name of the new folder is displayed for five seconds.

## DEFINE PLAYLIST

The "DEFINE PLAYLIST" function enables to create a playlist **fig. 39**.

Select and confirm "DEFINE PLAYLIST" on the main screen, with the knob **22-fig. 1**.

To define the playlist proceed as follows:

– select the preferred track scrolling the available ones rotating the knob **22-fig. 1**;

– press the knob to confirm.

Proceed in the same way for all the tracks you want to add to the playlist.

When the max. limit is reached (100 max.), the display will show the following message: "Playlist is full. Eliminate at least one track in order to enter the current track" **fig. 40**.

Pressing "ESC" **23-fig. 1** willdisplay a screen for storing performed settings. After this operation you go back to MP3 mode main screen.

F0D2026g


fig. 39

F0D2027g

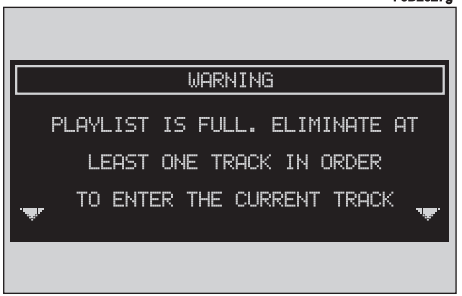



fig. 40

## PLAYLIST

This function enables or disables playback of a track list **fig. 41**.

When inserting a MP3 CD coupled to a playlist the "PLAYLIST" function is enabled automatically otherwise the playlist function is disabled.

Select "YES" or "NO" with the knob **22-fig. 1** and press it to store settings.

Press "ESC" **23-fig. 1** to go back to the main MP3 screen without storing the performed settings.

## VIEW PLAYLIST

Selecting "VIEW PLAYLIST" with the knob **22-fig. 1** and pressing it to confirm, will display a screen with the option "DELETE ALL" followed by the file names composing the playlist **fig. 42**. To delete a file (track) from the playlist, select and confirm it with the knob **22-fig. 1**.

Pressing "ESC" **23-fig. 1** will display a message for storing the performed changes, after this operation the main MP3 screen is displayed.

Select and confirm "DELETE ALL" with the knob **22-fig. 1** to delete the whole playlist; the playlist menu function is thus disabled.

F0D2028g

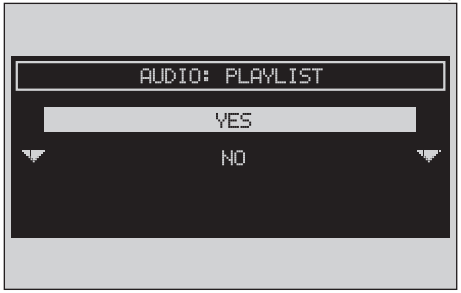



fig. 41

F0D2029g


fig. 42

# CELLULAR TELEPHONE (TEL)

The system is fitted with a Dual Band GSM cellular telephone with handfree feature.

The GSM standard (Global System for Mobile Communication) is now available in many countries and offers excellent coverage: for information about the areas served currently by the GSM networks and those available in the future, contact your network provider.

## GENERAL INFORMATION

The cellular telephone has the following functions which simplify use:

– PIN code (Personal Identification Number) to prevent unauthorised telephone use

– PIN change

– activation/deactivation of PIN request at access

– incoming calls acceptance and refusal

– start a telephone call

– emergency call (even without SIM card and without entering PIN code)

– reading the telephone numbers stored on the SIM card

– entering a new telephone number on the SIM card

– deleting a telephone number from the SIM card

– information on SIM card conditions (correct or wrong insertion)

– access to the list of the last 10 numbers dialled to facilitate frequent calls

– access to the list of the last 10 calls received

– SMS function (Short Message Service) to receive and send short text messages

– activation and deactivation of access to SIM card

– access and change of the lists containing the most frequently dialled numbers and to telephone directory

– manual number dialling

– DTMF setting (Dual Tone Multi Frequency) to repeat dialling and inhibit the own identification number transmission

– selection of network provider

– setting ringer volume and tone

– display of remaining credit in case of prepaid SIM card (if available by network provider)

– display of signal field intensity and other status warnings with symbols and words.

# PRELIMINARY OPERATIONS

## ENTERING AND EXITING THE TELEPHONE MODE

**To enter the telephone mode proceed as follows:**

– short push on "TEL" button **19-fig. 1** on front panel.

(If the Connect is off, switch it on by turning the ignition key to **MAR**).

The display shows the telephone mode "main screen" **fig. 43** that provides the following information:

– Phone number box.

– GSM field strength. GSM signal strength is shown even if no SIM card is inserted.

– Active GSM provider. If a SIM card is inserted and validated by PIN and no provider is available, the display will show "FIND….".

If telephone mode is "switched off" the display shows "TEL OFF".

– An envelope-shaped symbol to indicate unread SMS message/s.

– An arrow-shaped symbol to indicate active call forward.

– A box to enter the telephone number with the string "Enter No.".

When telephone mode is on, the TEL led is on.

F0D2030g

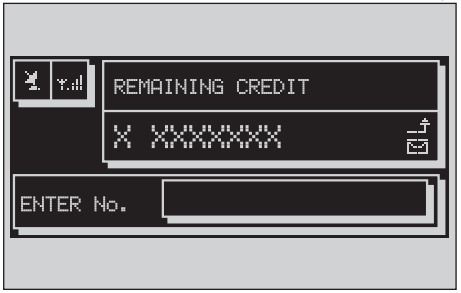



fig. 43

In main telephone mode screen, press the knob **22-fig. 1**, to display the following menu:

FREQUENT NUMBERS

LAST CALLS RECEIVED

LAST NUMBERS CALLED

DIRECTORY

WAP

VOICE MEMO

MESSAGES

PHONE OPTIONS

PHONE SETTINGS

Press "ESC" **23-fig. 1** to return to main telephone screen.

There is another "ESC" mode, if CONNECT is already on (e.g.: audio mode), to enter the telephone mode:

– press shortly button **13-fig. 1**, the display will show for few seconds the last dialled number;

– press again button **13-fig. 1** to start the phone call.

When call is in progress, the display shows the status as in **fig. 44**:

– Current telephone status ("call in progress").

– Conversation time of the active call.

– Called or incoming telephone number (if available by the provider).

– Directory data associated to this number.

– Numbers typed-in during the conversation when calling a service provider and inputting requested information like credit card number, or arrival time of your desired train, etc…

F0D2031g

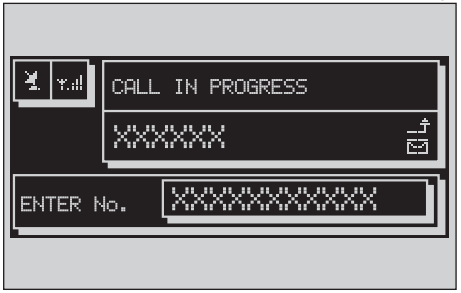



fig. 44

A long push on "TEL" button **19-fig. 1** switches off (the display shows an hourglass during this operation) the telephone mode (TEL OFF) **fig. 45**. To switch it on again, a short push on the same button will be required.

## INSERTING THE TELEPHONE CARD

If no valid SIM card is inserted when calling the telephone function, the display shows the relevant warning message.

The insertion of a valid SIM card makes it possible to make the telephone operational and access its functions. The telephone card is to be inserted in the special slot **27-fig. 1** with the integrated chip at the front right in relation to the direction of travel, until it is held in.

**IMPORTANT** When necessary, only use the SIM card adapter provided with the vehicle; in the event of loss, breakage or for buying other adapters contact **Fiat Dealership**.

Correct card insertion is confirmed by the prompt to type the card PIN code **fig. 46**.

To remove the SIM card, slightly press into its housing and then release it; it will come out a little so that you can extract it.

**IMPORTANT** Removing the SIM card with the telephone on may cause temporary faults; before removing the SIM card the user should always turn the telephone off through the "TEL" button **19-fig. 1** or turn the CONNECT system off using the left knob **16-fig. 1**. Any fault due to removing the SIM card with the phone working, will be eliminated switching the vehicle off and on again.

F0D2032g


fig. 45

F0D2033g

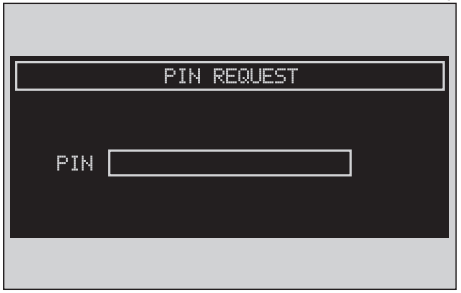



fig. 46

## ENTERING THE PIN CODE

**IMPORTANT** The PIN code (Personal Identification Number) prevents unauthorised use of SIM card services.

PIN is asked by the CONNECT system in the following cases:

– When the system is switched on, with SIM card already inserted into the SIM reader and PIN lock is enabled on that SIM card.

– When a SIM card is inserted into the SIM reader, and the system is already on, and PIN lock is enabled on that SIM card.

– When "TEL" button **19-fig. 1** is pushed to switch on a previously switched off telephone module (TEL OFF), and the SIM card is inserted into the SIM reader, the PIN lock is enabled on that SIM card and PIN code has never been inserted before.

– When the user tries to make a non-emergency call and the SIM card is inserted into the SIM reader, PIN lock is enabled on that SIM card and PIN code has never been inserted before.

To enter the PIN code (between 4 and 8 digits) use keys **1 ÷ 12-fig. 1** and then press the knob **22-fig. 1** to confirm. Entered digits are shown by asterisks on the display.

If a PIN code digit needs to be corrected, press "ESC" **23-fig. 1** to delete it and write it again correctly.

**IMPORTANT** if the user refuses to insert PIN, a dialog box is displayed, saying that telephone functions will not be available till the insertion of the correct PIN. Only emergency calls (like police or S.O.S., etc...) will always be enabled; in this case only input box will be available on the display.

**IMPORTANT** after the max. number of unsuccessful PIN code entries, the card is locked. To unlock the card, enter both the PUK code (Pin Unblocking Key) and the new PIN.

The network signal search begins after entering the PIN code and the display shows the main telephone function page. After connection, the display shows the network provider's name.

## INCOMING CALLS

Whichever is the system active mode, when an external telephone call comes in, a dialog box will be overlapped **fig. 47** on the current window that shows the following information:

– Call from;

– Name of the calling party (if available in the directory);

– Caller phone number, if this service is available from the network provider;

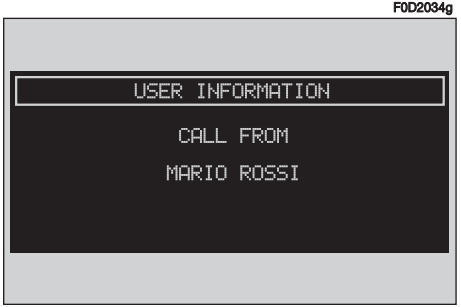



fig. 47

**To accept the call, proceed as follows:**

– short push on button ⤵ **13-fig. 1**; dialog box disappears and ring stops, the display shows the string "call in progress".

**To close the conversation, proceed as follows:**

– press button ⤵ **13-fig. 1**; the system returns automatically to the previous mode and the display shows the relevant status.

**To refuse the call, proceed as follows:**

– long push on button ⤵ **13-fig. 1**; dialog box disappears and ring stops. In this case the screen will remain the one shown before the incoming call.

**IMPORTANT**: dialog box disappears and ring stops also if the line is unwillingly lost.

## OUTGOING CALLS

**To start a call, proceed as follows:**

– enter the telephone mode as previously described;

– dial the required number using the multifunction keys **1 ÷ 12-fig. 1**;

– to enter the international prefix ("+" char), push button "*/+" at length;

dialled number is shown in the input box on the display; max. 20 digits can be input and in case there is no enough space to keep the whole string, the interface will provide a left string scroll;

– to start a call, press button ⤵ **13-fig. 1**; active screen becomes the one shown in **fig. 44**.

To enter a phone number, follow these instructions:

Press briefly one of the multifunction keys **1 ÷ 12-fig. 1** to enter the corresponding digit or character;

More particularly keys "*" and "#" can be used.

Press continuously button "**+**" to enter the international prefix ("+" char);

Press continuously keys **1 ÷ 9-fig. 1** to select the corresponding frequent number set (see paragraph "Frequent Numbers");

Short push on "ESC" **23-fig. 1** clears the last input digit;

Long push on "ESC" **23-fig. 1** clears all entered digits;

## DIALLING A SERVICE NUMBER

Following the instructions given in the previous paragraph, the user can dial service numbers (e.g.: ←# xxxxx←) according to ETSI Standard GSM 02.30.

## "FREQUENT NUMBERS" FUNCTION

The "FREQUENT NUMBERS" function enables to create and have quick access to a list with the 9 most frequently dialled phone numbers.

To choose the required frequent number, select "FREQUENT NUMBERS" on the main telephone function screen by rotating and pressing the knob **22-fig. 1**. The display shows the submenu in **fig. 48** with options "SELECT", "NEW ENTRY" and "ORDER". From this screen it is possible to select the required number through the next menus or, to select the required number directly using the multifunction keys **1 ÷ 9-fig. 1**.

### "Select"

The "SELECT" function enables the user to enter the list of stored frequent numbers (up to 9) and to display the position and phone number **fig. 49**.

After selecting an entry of the list with the knob **22-fig. 1**, start the call by pushing button **13-fig. 1**;

Pressing knob **22-fig. 1** will display options: "CALL", "DELETE" and "INFO", **fig. 50**.

***Call:*** select and confirm "CALL" by rotating and pressing the knob **22-fig. 1** to start the call.

***Delete:*** select "DELETE" by rotating the knob **22-fig. 1**, the screen in **fig. 51** will be displayed; press the knob to confirm deletion. All the numbers below the deleted one are moved up by one position automatically. Press "ESC" **23-fig. 1** to cancel.

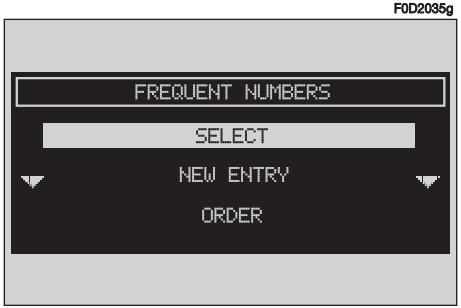



fig. 48

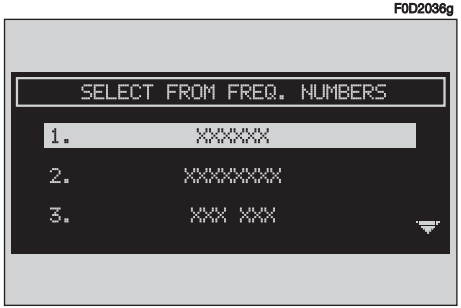



fig. 49

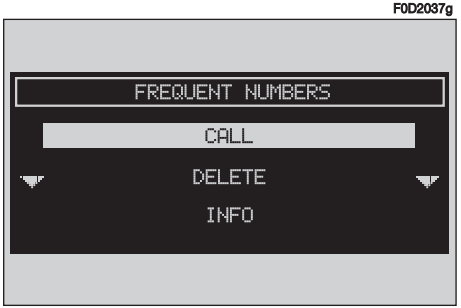



fig. 50

**IMPORTANT** "Delete" shall be used specially when the "Frequent numbers" list is full (9 numbers stored) and you want to enter a new number.

***Info:*** selecting and confirming "Info" by rotating and pressing the knob **22-fig. 1**, will display a new screen with information concerning the name and the telephone number.

**"New entry"**

Select and confirm "NEW ENTRY" by rotating and pressing the knob**22-fig. 1**, to copy an entry from the directory. If the list is full this function is disabled.

When this function is on, the display shows a keypad **fig. 52**, or a list according to the directory entries in order to find the name.

Type-in or search as required by selecting the first letters of the name with the knob **22-fig. 1** then press it to confirm.

**"Order"**

"ORDER" allows arrangements of the entries in the "FREQUENT NUMBERS" list.

To move an entry from position "3" to position "1" for example, proceed as follows:

– select and confirm "ORDER" by rotating and pressing the knob **22-fig. 1**;

– select the number in position "3" by rotating the knob **22-fig. 1**, then press it to confirm;

– move selected number from position "3" to "1" by rotating the knob **22-fig. 1**, then press it to store the new position.

F0D2038g

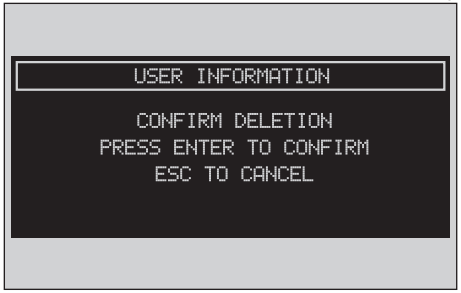



fig. 51

F0D2039l

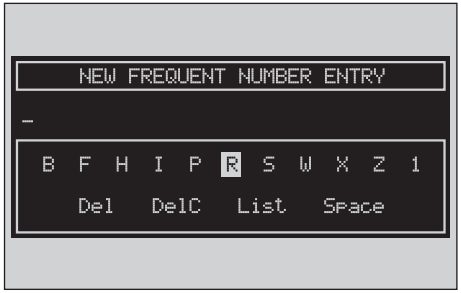



fig. 52

## "LAST CALLS RECEIVED" FUNCTION

"LAST CALLS RECEIVED" pops up the list of the last 10 calls received. The list shows the name (if stored in the directory) and the phone number relevant to the most recently received calls **fig. 53**.

The list is managed and updated by the system automatically.

To call directly one of the entry in the list proceed as follows:

– select the required entry by turning the knob **22-fig. 1**;

– press ↴ **13-fig. 1** to start the call.

F0D2040g

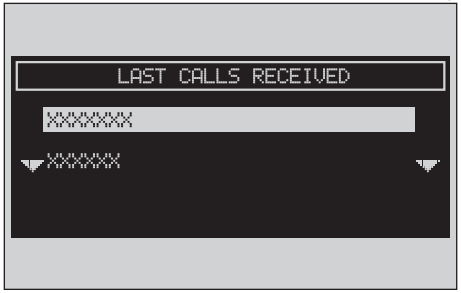



fig. 53

After selecting the required entry, press the knob **22-fig. 1** to display "CALL", "RECORD IN DIRECTORY", "INFO".

– rotate and press the knob **22-fig. 1** to select and confirm "CALL": the system starts the call to the displayed number, in practice the same function as that of key ↴ **13-fig. 1** is performed;

– turn theknob **22-fig. 1** to select "RECORD IN DIRECTORY", then press the knob to confirm and to store the entry in the directory.

If the entry is already present in the directory, "RECORD IN DIRECTORY" option is disabled.

– select and confirm "INFO" with the knob **22-fig. 1** to display information about name and phone number.

## "LAST NUMBERS CALLED" FUNCTION

"LAST NUMBERS CALLED" pops up the list of the last 10 made calls. The list shows the name (if stored in the directory) and the phone number relevant to the most recently made calls.

The list is managed and updated by the system automatically.

To call directly one of the entries in the list proceed as follows:

– select the required item by turning the knob **22-fig. 1**;

– press ↴ **13-fig. 1** to start the call.

After selecting the required entry, press the knob **22-fig. 1** to display "CALL", "RECORD IN DIRECTORY", "INFO".

– select and confirm "CALL" rotating and pressing the knob **22-fig. 1**, the system starts the call to the displayed number;

– select and confirm "RECORD IN DIRECTORY" rotating and pressing the knob **22-fig. 1**, to store the entry in the directory.

If the entry is already present in the directory, "RECORD IN DIRECTORY" option is disabled.

– select and confirm "INFO" rotating and pressing the knob **22-fig. 1**, to display information about name and phone number.

## "DIRECTORY" FUNCTION

The "DIRECTORY" function makes access to an electronic directory of personal phone numbers and names.

– select and confirm "DIRECTORY" rotating and pressing the knob **22-fig. 1**; the screen shown is that in **fig. 54** with the following available options: "SELECT", "ADD", "PLAY VOICE DIRECTORY", "DELETE VOICE DIRECTORY"

## SELECT

"SELECT" is used to select a directory phone number.

Rotate the knob **22-fig. 1**, to choose "SELECT" and confirm pressing the knob; the display shows the keypad and the editing box **fig. 55**. (The keypad is displayed if there is a significant number of entries stored in the directory; if there are only few names, these will be directly displayed).

The keypad provides the following options:

– alphanumeric characters (including space);

– string (Del) or last entered character (DelC) deletion;

F0D2041g


fig. 54

F0D2042g


fig. 55

– active list: enter a character selecting and confirming it by rotating and pressing the knob **22-fig. 1**, the system searches and displays automatically the first stored entry, in the relevant data base, that begins with the same letter. Proceeding with the editing box composition, as soon as the system finds an entry present in the data base, selection moves automatically to the directory list; press the knob **22-fig. 1** to confirm;

– fast data input: to speed up data input, the system provides immediate positioning to the bottom and to the top of the list setting respectively before and after the last character by rotating the knob **22-fig. 1**.

The keypad includes the following characters:

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **A** | **B** | **C** | **D** | **E** | **F** | **G** | **H** | **I** | **J** | **K** | **L** | **M** | **N** | **O** | **P** | **Q** | **R** | **S** | **T** | **U** | **V** | **W** | **X** | **Y** | **Z** |
| **0** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **Ç** | **Ø** | **Æ** | **´** | **`** | **¨** | **^** | **°** | **~** | **.** | **,** | **-** | **_** | **‘** | **(** | **)** |

To compose the following characters **À Á Â Ã Ä Å È É Ê Ë Ì Í Î Ï Ò Ó Ô Õ Ö Ù Ú Û Ü Ý Ÿ Ñ**, combined use of the following symbols **´ ` ¨ ^ ° ~** is required.

Example: if the user selects **E** and then **¨** the two characters are replaced by their corresponding single character **Ë** .

Blank and symbols **, - _ ‘ ( )** are word separator characters.

If the list is displayed directly (few entries) or after selecting and confirming “LIST” with the knob **22-fig. 1**:

– the keypad disappears and an entry of the list can be selected **fig. 56**; a scrolling lift key appears on the left when the list is shown and the items cannot be displayed together, the lift indicates the focus position in the displayed position;

– after selecting the required entry, press button **13-fig. 1** to start the call;

– pressing the knob **22-fig. 1** will display the following options: “CALL”, “CHANGE”, “DELETE”, “RECORD IN FREQUENT NUMBERS” and “INFO” **fig. 57**.

F0D2043g

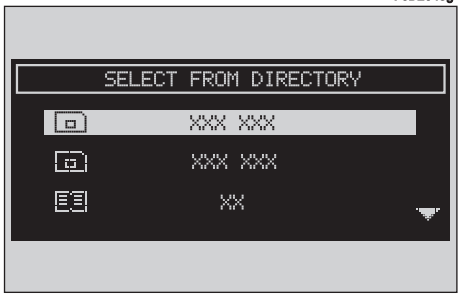



fig. 56

F0D2044g

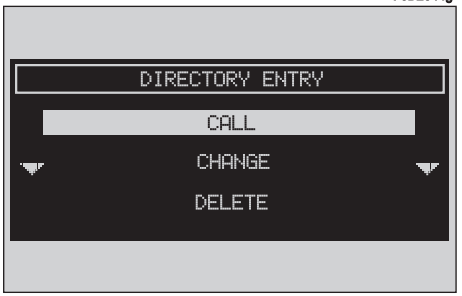



fig. 57

**IMPORTANT** A SIM card element cannot be associated to a voice sample.

"CALL": rotating the knob **22-fig. 1** to select this option and pressing the knob to confirm, starts call to the selected number; the display goes back to "call in progress" screen; the same function as that of key ✆ **13-fig. 1** is performed.

"CHANGE": rotating the knob **22-fig. 1** to select this option and pressing the knob to confirm, it is possible to change the name, the phone number, the relevant voice sample (if you are operating in the directory) and to copy an entry from the directory to the SIM card and vice versa. "Location" **fig. 58** cannot be changed.

To copy the selected entry from the directory to the SIM card and vice versa, proceed as follows:

– to copy a directory entry to the SIM card: rotate and press the knob **22-fig. 1** to select and confirm "SAVE IN SIM"; the system checks if an entry with the same name is already present in the SIM card (if it is so, the display shows the string "NAME IS ALREADY IN SIM") then copy to SIM card is done;

– To copy an entry from the SIM card to the directory: rotate and press the knob **22-fig. 1** to select and confirm "Save in Directory"; the system checks if an entry with the same name is already present in the directory (if it is so, the display shows the string "NAME IS ALREADY IN DIRECTORY") then copy to directory is done;

In the entry list, a dedicated icon indicates entry location:

BOOK = directory entry;

SIM CARD = SIM entry.

"DELETE": to delete a directory entry.

– select and confirm "Delete" rotating and pressing the knob **22-fig. 1**; the display will show the confirmation screen in **fig. 59**.

– press the knob **22-fig. 1** tor confirm deletion; "ESC" **23-fig. 1** to cancel.

F0D2045g

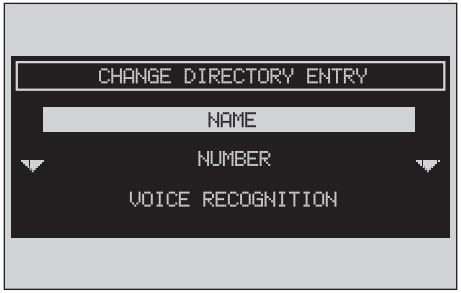



fig. 58

F0D2046g

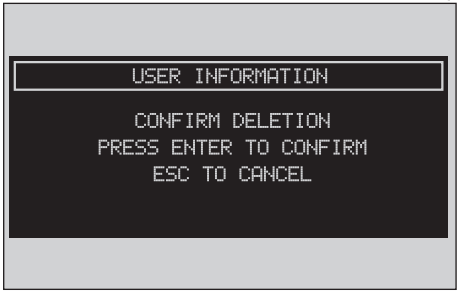



fig. 59

"RECORD IN FREQUENT NUMBERS": selecting and confirming this option by rotating and pressing the knob **22-fig. 1** will automatically add the selected entry (to last position) in the "Frequent Numbers" list (if the list is full this function is disabled).

"INFO": selecting and confirming this option by rotating and pressing the knob **22-fig. 1** will provide detailed information on directory entries: name, phone number, location and symbol (•)) for voice sample (if any).

## ADD

"ADD" icon enables to add a new entry to the directory.

Rotate and press the knob **22-fig. 1**, to select and confirm "ADD"; the display will show the screen in **fig. 60**, with the following options: "NAME", "NUMBER", "LOCATION", "VOICE RECOGNITION", "OK".

"NAME": allows input of name and surname of new entry, proceed as follows:

**IMPORTANT** When selecting "NAME", remember that it is not possible to add a name already present in the Navigator (NAV) function directory.

– Rotate and press the knob **22-fig. 1**, to select and confirm "NAME"; the display shows the editing box:

– form name and surname by selecting letters one by one through theknob **22-fig. 1** and press it to confirm; proceed in this way until completing the entry;

– Rotate and press the knob **22-fig. 1**, to select and confirm "OK"; the display returns to screen in **fig. 60**.

F0D2047g

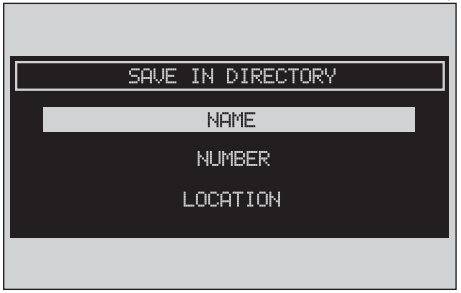



fig. 60

"NUMBER": allows insertion of new phone number, proceed as follows, **fig. 61**:

– Rotate and press the knob **22-fig. 1**, to select and confirm "TELEPHONE NUMBER"; the display shows the editing box.

– enter the number through the keys **1 ÷ 9-fig. 1** and press the knob **22-fig. 1** to confirm; the display returns to the screen in **fig. 63**.

"LOCATION": is used to store the new entry on the SIM card or directory according to the chosen option **fig. 62**. SIM card numbers are automatically copied to the directory after PIN validation and cleared at SIM card extraction.

"VOICE RECOGNITION" allows to manage a voice sample associated to stored names/numbers.

"OK": activates settings.

**IMPORTANT** If the same name is already existing, the display will inform the user that the name is already in directory.

### Voice recognition (where provided)

This function is active only when Directory has been selected as stored phone number location.

To enter this mode proceed as follows:

– Rotate and press the knob **22-fig. 1**, to select and confirm "VOICE RECOGNITION"; the display shows the screen in **fig. 63** with the following options: "NEW VOICE COMMAND", "DELETE VOICE COMMAND", "LISTEN TO VOICE COMMAND", "OK".

F0D2048g

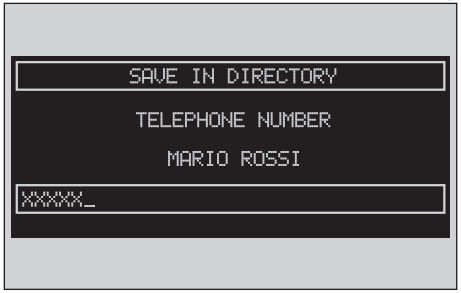



fig. 61

F0D2049g


fig. 62

F0D2050g

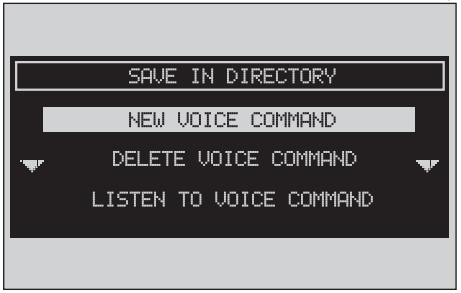



fig. 63

"NEW VOICE COMMAND": activates recording of a new voice sample. Rotate and press the knob **22-fig. 1**, to select and confirm "NEW VOICE COMMAND";

– user is guided by appropriate messages and will have to pronounce twice the name to be recorded;

"DELETE VOICE COMMAND": allows deletion of a previously recorded voice sample.

– Rotate and press the knob **22-fig. 1**, to select and confirm "DELETE VOICE COMMAND".

The system will display the following confirmation screen: "PRESS ENTER TO CONFIRM, ESC TO CANCEL".

– pressing "ESC" **23-fig. 1** the display goes back to previous screen and the voice sample will not be deleted.

**IMPORTANT** This function is active only if the concerned entry, in the directory, is associated to a voice sample as described previously.

"LISTEN TO VOICE COMMAND": reproduces a previously recorded voice sample.

– Rotate and press the knob **22-fig. 1**, to select and confirm "LISTEN TO VOICE COMMAND", the system will reproduce the selected voice sample.

**IMPORTANT** This function is active only if the concerned entry, in the directory, is associated to a voice sample as described previously.

"OK": confirm changes and stores them in the directory.

**IMPORTANT** If the user after ending these operations doesn't select "OK" and confirm by rotating the knob **22-fig. 1**, new settings will not be stored in the directory.

## PLAY VOICE DIRECTORY

This function (play voice directory) allows playback of all the previously recorded voice samples, stored to allow vocal management of telephone directory.

– Rotate and press the knob **22-fig. 1**, to select and confirm "PLAY VOICE DIRECTORY"; the system will reproduce stored samples.

## DELETE VOICE DIRECTORY

This function (delete voice directory) allows to clear off previously recorded voice samples.

– Rotate and press the knob **22-fig. 1**, to select and confirm "DELETE VOICE DIRECTORY". The system will display the following confirmation screen: "PRESS ENTER TO CONFIRM, ESCAPE TO CANCEL" before deleting the selected voice sample.

– press the knob **22-fig. 1** to delete voice samples.

– press "ESC" **23-fig. 1** to go back to previous screen without deleting voice samples.

## "WAP" FUNCTION

The "WAP" function opens a GSM link to a WAP provider, browsing the "home" site first. Access to WAP site loads automatically in memory the corresponding "deck"; the display shows the first card of the deck.

WAP main screen is composed of the following elements **fig. 64**:

– card title, in the centre of the upper bar;

– "MENU" key to display WAP options and functions;

– card text, links and possible selections and data input areas.

F0D2051g

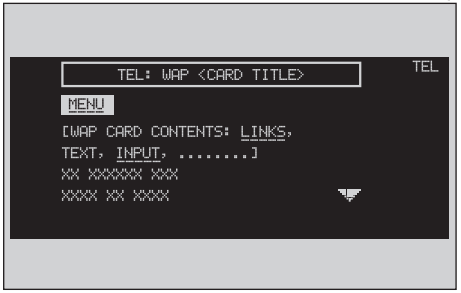



fig. 64

Should the screen size be not enough to show the entire card contents, rotate the knob **22-fig. 1** to scroll the screen; the display will show arrow "▲" or "▼" according to the required direction.

Rotate and press the knob **22-fig. 1** to select and confirm "MENU", the following menu will be displayed **fig. 65**:

– "GO": goes to input address screen (direct access or "bookmark" recall);

– "BACK": displays previously shown card.

– "INTERRUPT": stops current deck loading;

– "HOME": makes access to the defined address;

– "UPDATE": to reload current deck;

– "CARD ACTION KEYS" ("Options", "Prew", "Help"): displays a list of functions relevant to the current card; existence, number and functionality of these action keys depend on the card content;

– "CARD LIST": displays the title or the ID number of all the cards included in the loaded deck. This function is greyed when the displayed deck is declared as "No bookmark-able" **fig. 66**;

– "WAP OPTIONS": to set home site and other WAP options;

– "IN DIRECTORY": to store in directory a maximum of ten addresses;

– "EXIT": to recall the card text screen.

To select the required option, select and confirm it by rotating and pressing the knob **22-fig. 1** the display will show the relevant screen.

Functions are active only when they are necessary and they are greyed when not consistent; for example "▲" and "▼" keys are active only when window size is not enough to show the entire card.

During loading operations, an hourglass is displayed on the current page.

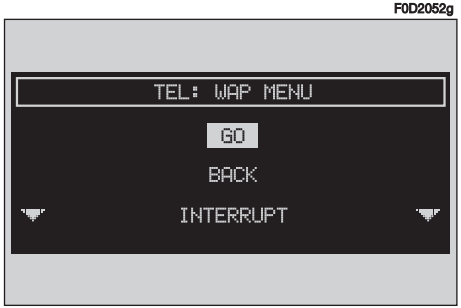



fig. 65

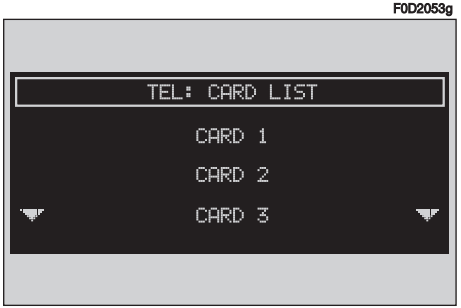



fig. 66

**Go**

This function, selected and confirmed by rotating and pressing the knob **22-fig. 1**, makes access to a specified net address (if the Provider allows such operation).

A menu with the following options will be displayed **fig. 67**:

– "ADDRESS"

– "SELECT FROM DIRECTORY"

– "OK"

To have access to the specified net address, proceed as follows:

– rotate and press the knob **22-fig. 1** to select and confirm "ADDRESS"; the display will show a keypad for typing in the required net address **fig. 68**;

or, if address is already stored in the directory:

– select and confirm "SELECT FROM DIRECTORY" rotating and pressing the knob **22-fig. 1**; the display will show the stored site directory **fig. 69**;

– rotate the knob **22-fig. 1** to select the required address and then press it to confirm.

F0D2054g


fig. 67

F0D2055g

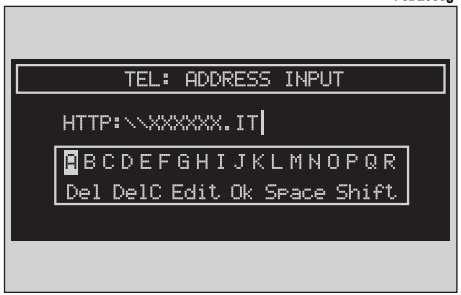



fig. 68

F0D2056g


fig. 69

### In directory

This function, selected and confirmed by rotating and pressing the knob **22-fig. 1** stores current displayed site address in "SITE DIRECTORY" (with a maximum of 10 stored addresses), proceed as follows:

– rotate the knob **22-fig. 1** to select the address and then press it to confirm .

Storing the tenth address, the display shows a dialog box warning the user that the directory is full and the icon key ("IN DIRECTORY") is greyed. Further storing requests a preventive deletion.

A mnemonic string can be associated to each stored address; proceed as follows:

– select "NAME" **fig. 70** rotating the knob**22-fig. 1** and type in the required name using the keypad.

To store settings select "OK" with the knob **22-fig. 1** then press it to confirm.

Press "ESC" **23-fig. 1** to go back the main "WAP" screen without storing settings.

### Wap options

This function, selected and confirmed by rotating and pressing the knob **22-fig. 1**, allows to set up the following WAP options: address of "Home set-up" site, site directory and settings.

The display shows the following options **fig. 71**:

– "HOME SETUP"

– "SITE DIRECTORY"

– "SETTINGS"


fig. 70

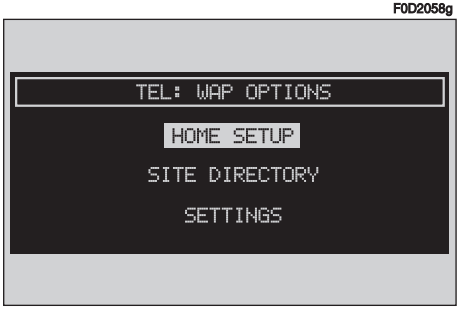



fig. 71

"HOME SETUP": This function, selected and confirmed by rotating and pressing the knob **22-fig. 1**, allows specification of home site address. The display shows the following options:

– "SELECT FROM DIRECTORY"

– "ADDRESS"

Select and confirm "ADDRESS" rotating and pressing the knob **22-fig. 1** the display shows the keypad and the editing box for typing the required address;

Select and confirm "SELECT FROM DIRECTORY" rotating and pressing the knob **22-fig. 1** ; the display shows the stored site directory **fig. 72**; select the required site rotating the knob **22-fig. 1** then press it to confirm.

"SITE DIRECTORY": this function, selected and confirmed rotating and pressing the knob **22-fig. 1**, displays the following options **fig. 73**:

– "SELECT"

– "ENTER"

"SELECT": this option, selected and confirmed rotating and pressing the knob **22-fig. 1**, allows to select a previously stored address; the following options are displayed: "UPDATE", "DELETE".

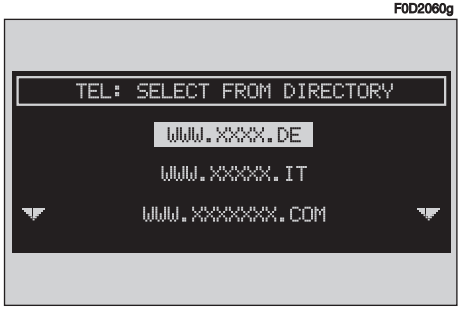



fig. 72


fig. 73

"UPDATE" **fig. 74** selected and confirmed with the knob **22-fig. 1** allows to change site address and/or name; in this case the display shows the keypad and the editing box for typing the required address; proceed as follows:

– select "ADDRESS" and then change the address using the keypad;

– select "NAME" and then change the name using the keypad;

– select "OK" to store changes.

"DELETE" selected and confirmed with the knob **22-fig. 1**, deletes the selected address; proceed as follows:

– rotate the knob **22-fig. 1** to select the address and then press it to confirm.

"ENTER": this option, selected and confirmed with the knob **22-fig. 1** allows to enter the required address; proceed as follows:

– select and confirm "ADDRESS" with the knob **22-fig. 1** the display shows the keypad and the editing box for typing the required address;

– select and confirm "NAME" with the knob **22-fig. 1**; the display shows the keypad and the editing box for typing the required name.

– select and confirm "OK" with the knob **22-fig. 1** to confirm the entered data.

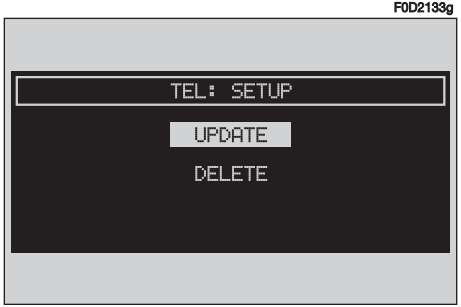



fig. 74

SETUP: This function selected and confirmed rotating and pressing the knob **22-fig. 1** allows the following:

– to display current settings by selecting "CURRENT SETTINGS", **fig. 75**;

– to enter provider telephone number by selecting "PROVIDER PHONE" **fig. 76**;

– to enter IP address by selecting "IP ADDRESS";

– to enter connection line type by selecting "CONNECTION TYPE", analog or ISDN;

– to enter IP port by selecting "IP PORT";

– to log-in user name by selecting "USER NAME" **fig. 77**;

– to enter the password used to access the WAP service, by selecting "PASSWORD";

Any of these options activates the keypad to be used for entering the required data.

F0D2135g

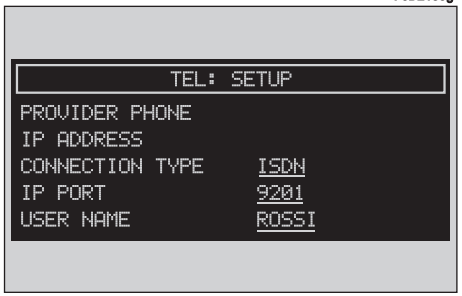



fig. 76

F0D2134g

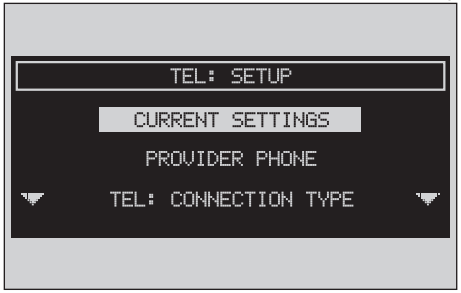



fig. 75

F0D2061g


fig. 77

## "VOICE MEMO" FUNCTION (where provided)

"VOICE MEMO" allows management of the messages recorded in the voice box.

It is activated by long push on the front panel key •)) **14-fig. 1**: a beep and a display message **fig. 78** mark the start of recording.

A maximum of 1 minute of user's voice sampling is available and can be split in several recording sessions.

F0D2062g

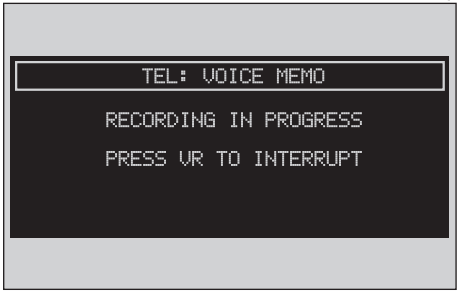



fig. 78

A further push on •)) **14-fig. 1** stops sampling. Next sampling will be queued after the previous one. After 3 minutes recording operation is stopped and the display shows the screen in **fig. 79**.

Selecting and confirming "VOICE MEMO" with the knob**22-fig. 1**, displays the screen in **fig. 80**, where percentage of memory occupied/available and active message number (compared with total memorized messages number) are shown.

Press the knob **22-fig. 1** again to display the specific voice memo menu. To select the required option, rotate and press the knob **22-fig. 1**. Options are the following **fig. 81**:

**PLAY ▶** plays active message;

**STOP ■** stops message playback or recording;

**SKIP ▶▶** skips to next message;

**SKIP ◀◀** skips to previous message;

**RECORD ●** starts recording;

**DELETE** deletes all recorded messages.

F0D2063g

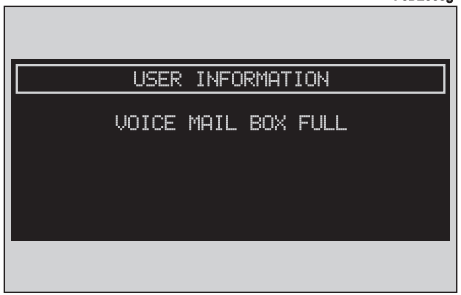



fig. 79

F0D2064g

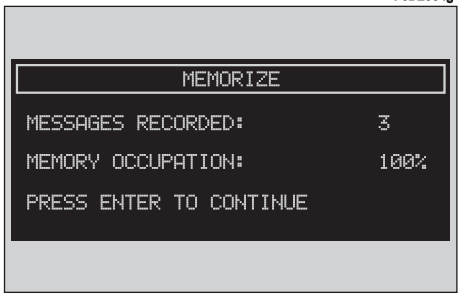



fig. 80

F0D2065g


fig. 81

# MESSAGES

## SMS - (Short Message Service)

"MESSAGES" function allows reading and sending short messages (maximum length is 160 characters) by GSM phone.

Read and sent messages are stored into two separate boxes, which however share a common memory section; so the sum of sent and read stored messages must not exceed the maximum number of allowed SMSs (it depends on the SIM card.

Telephone module stops input of new messages when the buffer is full and the "DIAL" option is disabled.

In this case the display shows a string with the following warning message: "FURTHER MESSAGES CANNOT BE STORED OR RECEIVED".

Selecting and confirming "MESSAGES" with the knob **22-fig. 1** displays the screen in **fig. 82** with the following icon keys:

– DIAL

– SELECT

– CENTER NUMBER.

### "DIAL"

Select and confirm "DIAL" with the knob **22-fig. 1**, the display will show **fig. 83** screen with the following options:

TEXT: displays the following options **fig. 84**:

– "ADD": to add a new message using the keypad; the counter shows the number of still available characters **fig. 85**; in case of mistake, select "DelC" to delete the last entered character or "Del" to delete the entire string.

– "VIEW MESSAGE": to display the text of the message **fig. 86**;

– "OK": to confirm.

F0D2066g

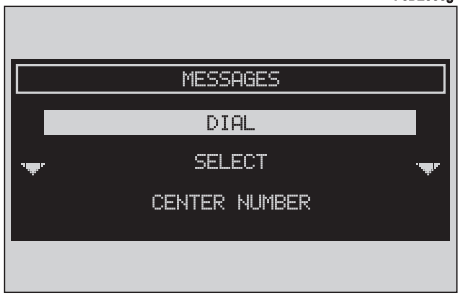



fig. 82

F0D2067g

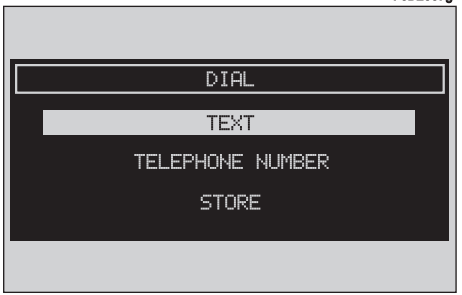



fig. 83

TELEPHONE NUMBER: displays the following options:

– "MANUAL INPUT" **fig. 87** : to enter the phone number through the keypad;

– "INPUT FROM DIRECTORY": lets the user choose a number from the directory instead of direct number dialling (see paragraph "DIRECTORY" for further details);

"STORE": (enabled if message text is present) stores the message for later delivery. When the buffer is full, the display will show the message "MEMORY FULL".

SEND: (enabled only if phone number is present) sends the message; the display shows "USER INFORMATION" – " PLEASE WAIT.."; after sending the message successfully the display will show "MESSAGE SENT" otherwise "ERROR IN SENDING MESSAGE" will be displayed.

F0D2068g


fig. 84

F0D2069g

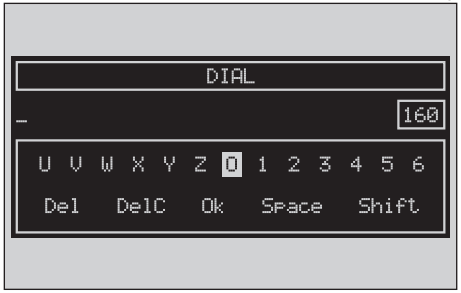



fig. 85

F0D2070g

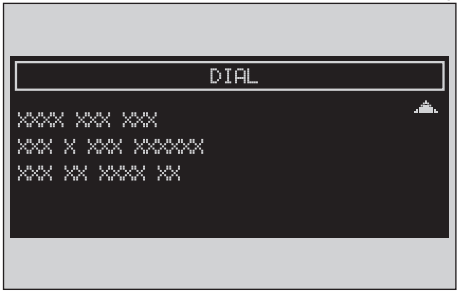



fig. 86

F0D2071g

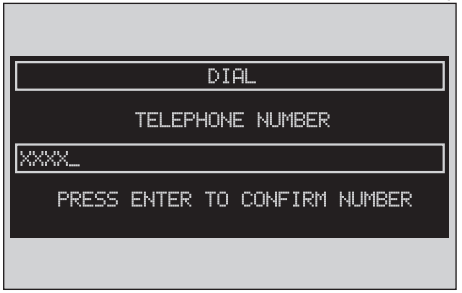



fig. 87

**"SELECT"**

When choosing and confirming "SELECT" by rotating and pressing the knob **22-fig. 1** the display shows the message list **fig. 88**. There are four different message types:

**1** message stored but not sent;

**2** message stored and sent;

**3** message received but not read;

**4** message received and read.

When the user selects a message of type **1** or **2** from the above list, screen displayed is that shown in **fig. 89** with the following options:

– "VIEW MESSAGE"

– "DELETE"

– "SEND".

Selecting and confirming "VIEW MESSAGE" rotating and pressing the knob **22-fig. 1** will display the selected message.

Selecting and confirming "DELETE" rotating and pressing the knob **22-fig. 1** activates selected message deletion. A confirmation dialog is shown for user confirmation; pressing the knob **22-fig. 1** starts message deletion from SIM card.

Selecting and confirming "SEND" rotating and pressing the knob **22-fig. 1** (active only if phone number is present) starts message sending to the selected number.

Press "ESC" **23-fig. 1** to go back to previous menu without sending the message.

F0D2157g

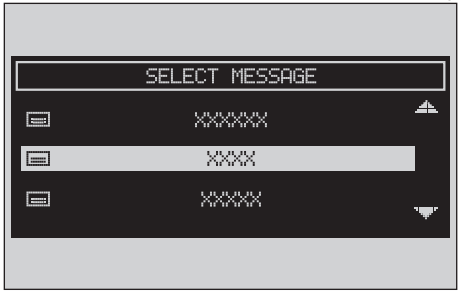



fig. 88

F0D2158g


fig. 89

When selecting types **3** or **4** from the above list, the display will show the screen in **fig. 90**, with the following options:

– "VIEW MESSAGE"

– "DELETE"

– "CALL"

– "ANSWER"

Selecting and confirming "VIEW MESSAGE" rotating and pressing the knob **22-fig. 1** will display the selected message.

F0D2074g

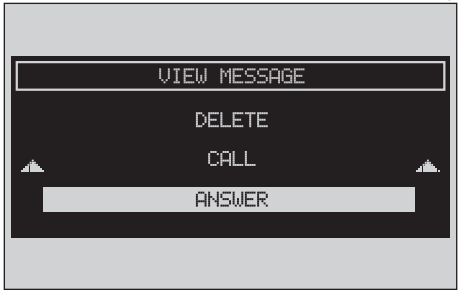



fig. 90

Selecting and confirming "DELETE" rotating and pressing the knob **22-fig. 1** activates selected message deletion. A confirmation dialog is shown for user confirmation; pressing the knob **22-fig. 1** starts message deletion from SIM card.

Selecting and confirming "CALL" rotating and pressing the knob **22-fig. 1** starts a call to the sender of the message; the display shows "CALL IN PROGRESS".

Selecting and confirming "ANSWER" rotating and pressing the knob **22-fig. 1** lets the user reply to the received message with a new SMS.

Press "ESC" **23-fig. 1** to quit and go back to **fig. 89** screen.

## "CENTER NUMBER"

Selecting "CENTER NUMBER" (provider phone number) using the keypad (keys **0-9**, **+**, *****, **#**) rotating the knob **22-fig. 1** and pressing it to confirm, the user can set the service Provider phone number.

## "PHONE OPTION" FUNCTION

Selecting and confirming "PHONE OPTION" rotating and pressing the knob **22-fig. 1** the display shows **fig. 91** screen with the following options:

– "NETWORK OPERATOR": to select provider;

– "PIN": PIN editing and setting;

– "INFORMATION": shows information related to the GSM module (Provider name, IMEI code, etc…).

– "ANONYMOUS": enables or disables forwarding of caller telephone number to the called party.

### Network operator

"NETWORK OPERATOR", selected and confirmed rotating and pressing the knob **22-fig. 1** allows management of network Providers; the display shows the following options **fig. 92**:

– "SELECT": to display operator selection modes;

– "OPERATOR": for manual operator choice (if enabled);

– "OK": to accept and store settings.

"SELECT" – "OPERATOR": With these options the user has three possible ways to choose the network operator:

• "AUTOMATIC": the system chooses automatically the network operator. If it is no longer able to provide an adequate GSM field, another operator is sought. In this case "OPERATOR" is disabled.

• "MANUAL" **fig. 93**: operator is chosen manually. In this case "OPERATOR" is enabled. If chosen operator is no longer able to provide an adequate GSM field, telephone functions will not be available.

F0D2075g

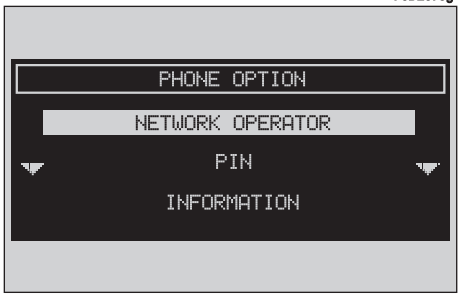



fig. 91

F0D2076g

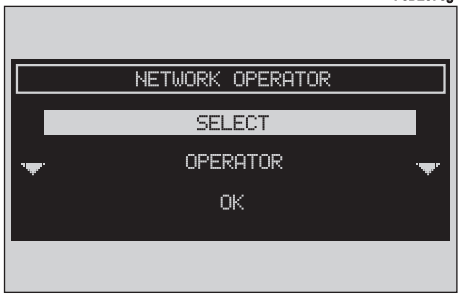



fig. 92

F0D2077g

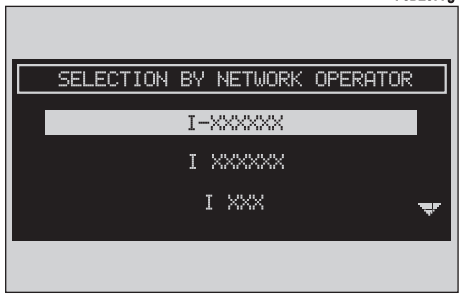



fig. 93

• "PREFERENTIAL": operator is chosen manually. In this case "OPERATOR" is enabled, and if chosen operator is no longer able to provide an adequate GSM field, the system automatically looks for another available operator.

"OK": always active ("automatic", "manual", "preferential") after valid operator selection. Select and confirm this option to accept and store previous settings.

**Pin**

This function enables to display the relevant menu with the following options **fig. 94**:

CHANGE PIN: enables to enter new PIN code **fig. 95**, proceed as follows:

– enter the old PIN code; the user is asked to enter twice the new PIN code and then to confirm.

If the user commits a mistake in retyping the PIN code, the message "WARNING: YOU HAVE ENTERED DIFFERENT PINS! PLEASE REPEAT PROCEDURE" is displayed for 5 seconds. In this case restart the entire procedure.

"ENABLE PIN REQUEST": enables/disables PIN check on inserted SIM card. This setting is saved in SIM card memory.

• if current setting of "ENABLE PIN REQUEST" is enabled and the current setting of "RECALL LAST PIN" is disabled, each time the SIM card is inserted the display will show "PIN REQUEST".

F0D2078g

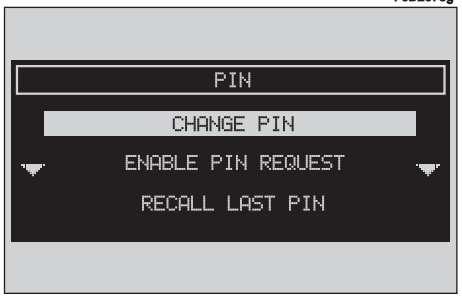



fig. 94

F0D2079g

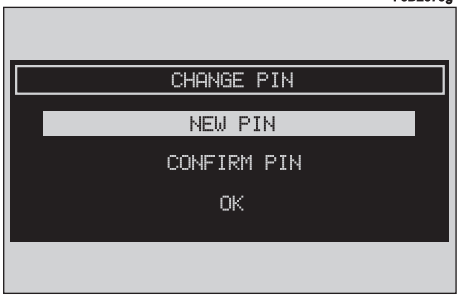



fig. 95

"RECALL LAST PIN": stores the first PIN entered, sending it automatically to the SIM card when required. This setting is saved in system settings, when inserting the SIM card the display will not show "PIN REQUEST".

"OK": to accept and store settings.

### Information

"INFORMATION" shows information related to the GSM service provider **fig. 96**. Press "ESC" **23-fig. 1** to quit.

### "PHONE SETTINGS" FUNCTION

Selecting and confirming "PHONE SETTINGS" rotating and pressing the knob **22-fig. 1**, will display the screen in **fig. 97**, with the following options:

– "RINGER VOLUME": sets the volume level of the telephone ringer;

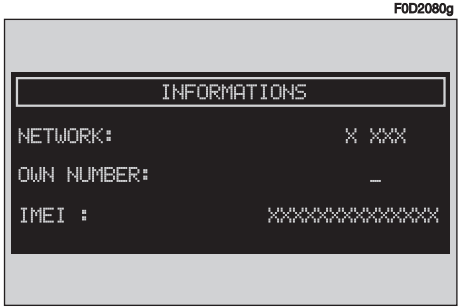



fig. 96

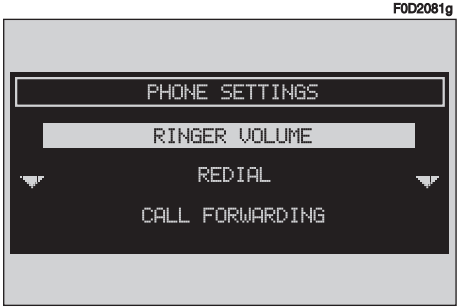



fig. 97

– "REDIAL": in case of busy line, redials automatically the called number (for a preset number of times); to stop redialling press key **2-fig. 1** at length.

– "CALL FORWARDING": enables or disables call divert;

– "CALL FORWARDING NO.": allows input of the phone number to which call is diverted.

– "ENABLE CALL WAITING": enables or disables incoming call announcement;

A beep will be heard to indicate an incoming call during an active phone conversation. To accept the incoming call press the knob **22-fig. 1**; the first call will wait until the second conversation is ended or until the first caller hangs up the phone.

To refuse the incoming call press "ESC" **23-fig. 1**; no interference with the active call will be generated.

– "OK": to accept and store settings.

When the user modifies the call forwarding settings, the display shows "WARNING! OPERATION IN PROGRESS: PLEASE WAIT …".

When this operation is ended, the display shows "CALL FORWARDING - OPERATION CONCLUDED".

Should it be impossible to modify settings, the display shows "CALL FORWARDING" – "OPERATION NOT PERFORMED".

# NAVIGATOR (NAV)

## GENERAL INFORMATION

The navigator integrated in the CONNECT system allows you to reach the chosen destination by visual and voice instructions. Use of the navigation system is quick, convenient, safe and above all very flexible because it allows you to call up already programmed destinations or points of reference such as hotels, monuments, public structures, fuel stations or **Fiat Dealerships**.

The vehicle position is determined through the GPS system (Global Positioning System) installed on the vehicle. The GPS system is fitted with an antenna and a reception module integrated in the telematic system. This system configuration dynamically processes the satellite signals and those provided by the vehicle system, integrating them with the current position of the vehicle to obtain an "estimated vehicle point".

The navigation system helps the driver while he drives by suggesting vocally and graphically the optimum routing to reach the preset destination.

The navigation system suggestions do not exempt the driver from full responsibility due to his driving behaviour and to compliance with road and other traffic regulations. The responsibility for road safety always and in any case lies with the vehicle driver.

### IMPORTANT NOTES

– GPS reception is difficult under trees, among tall buildings, in multi-level car parks, tunnels and everywhere reception of the satellite antenna may be hindered.

– The GPS system needs about 15 minutes for activation if the vehicle battery is disconnected.

– The GPS system needs a few minutes to determine the new position of the vehicle if it is turned off and the vehicle is moved with the system off (e.g.: on ferryboat).

– The GPS satellite aerial must not be covered with metal or damp objects.

The instantaneous vehicle position is identified in the CD-ROM and shown on the display together with the topographic characteristics of the area memorised on the CD-ROM. Access to data on the CD-ROM requires a few moments waiting for the map displays.

## IMPORTANT NOTES

– Accurate self-adjustment of the navigation system requires approx. 100 km of travel the first time and when tyres are changed; during this stage the calculated position could be less accurate.

– Continuous lack of grip at the wheels (for example skidding on ice), makes the system temporarily detect an incorrect position.

The navigation system is completely managed by the telematic system, therefore the only operations that may be required are replacement of the CD-ROM to set the map of another area or an updated map.

Access to the navigation main functions is gained by short push on "NAV" **20-fig. 1**.

A long push on the "NAV" key **20-fig. 1** turns the NAV MUTE function on and therefore voice instructions will be muted. To turn the NAV MUTE function off, press again the "NAV" key **20-fig. 1** at length.

Each time you start the engine and select the navigation function, the display will show the cautions for using the system; the text displayed is as follows:

"The FIAT navigation system guides you in traffic and helps you reach your destination. Local traffic regulations must take precedence over the manoeuvres indicated by the navigation system. The driver is responsible for operating the vehicle and observing all traffic regulations".

This page will not be displayed as long as the ignition key is to **MAR**.

# NAVIGATION CD-ROM PLAYER

The navigator CD-ROM player **28-fig. 1** is located on the CONNECT front panel and it is the same used for the audio CD. Therefore, it is not possible to use the player for audio and navigation CD-ROM at the same time: however, the navigation system can operate partially even without inserting the navigation CD-ROM.

In this case, when pressing key ⏏ **26-fig. 1** to remove the CD-ROM with navigation function engaged (to then insert an audio CD), the following two cases may occur:

– no route is calculated: only the vehicle position is displayed on the map;

– the route previously calculated is still valid, the system provides the user with any instruction to reach the destination.

In the first case only the vehicle position and the prompt to insert the navigation CD-ROM **fig. 98** , will be displayed. In the second case the system can still provide the user with instructions to reach the destination; the screen in **fig. 99** will be displayed.

Pressing "ESC" **23-fig. 1** the system will act as in the first case (only the vehicle position is displayed) and the navigation CD can be ejected. Pressing the knob **22-fig. 1** the system will store the navigation data required to reach the set destination; this operation requires a few seconds and the display will prompt the message to wait **fig. 100**.

After loading, the CD-ROM is ejected and the system restarts its navigation function.

Moreover, navigation in these conditions involves limitations and therefore some functions and commands will not be available. Also information shown on the map will be limited.

When the navigation system is no longer able to continue destination guidance or the vehicle is now out of the loaded map section, the system prompts for inserting the navigation

F0D2119g

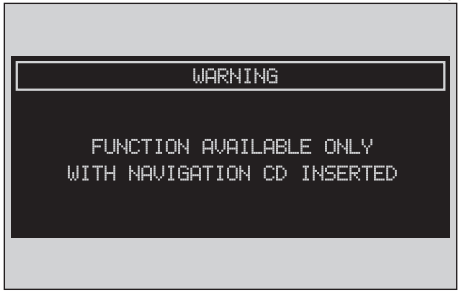



fig. 98

F0D2120g

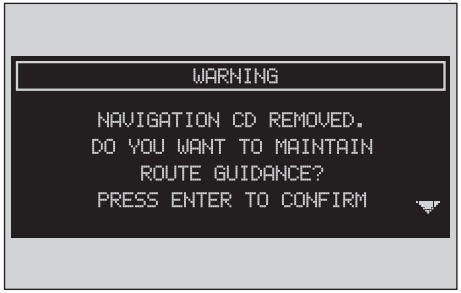



fig. 99

F0D2121g

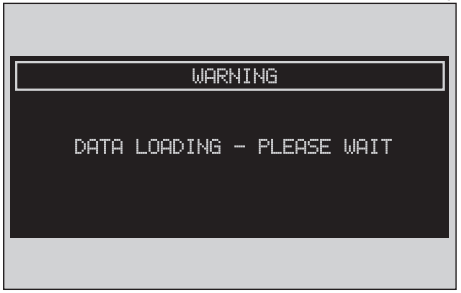



fig. 100

CD-ROM **fig. 101**. If the user does not insert the CD-ROM, the system returns to the operating conditions previously described for the first case, i.e.: displaying only GPS information (vehicle position and number of available satellites) and not map information.

### IMPORTANT NOTES

**The driver is always responsible for compliance with the enforced traffic regulations: any indication based on wrong map data leading to unauthorised driving manoeuvres MUST NOT be followed.**

## MAIN NAVIGATION SCREEN

Main navigation screen **fig. 102** shows the following information:

– Distance to destination and estimated arrival time (E.A.T.).

– Navigation info: next turn/intersection and distance, current vehicle position (town, street).

– GPS and GSM signal strength.

Pressing the knob **22-fig. 1**, in NAV mode, will display the following options **fig. 103**:

– SELECT POINT: lets the user select a geographical point (through address, directory….).

– NAV MUTE: activates the navigation system MUTE function; the display shows "MUTE" **fig. 104**.

– ACTIVATE RG: enables/disables route guide. If RG is disabled, then voice messages and intersection pictograms are no more available. If a route is active when RG is disabled, it remains visible on the map, while automatic route recalculation is not active.

– VOLUME: sets the volume level.

F0D2122g

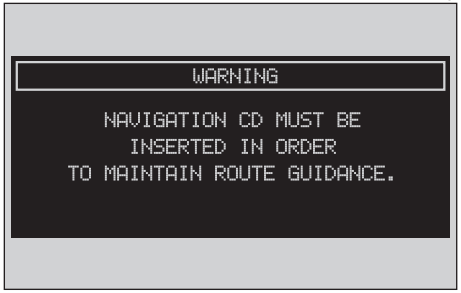



fig. 101

F0D2082g

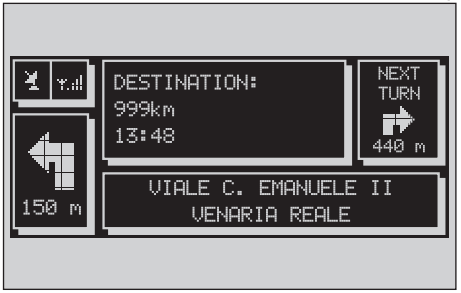



fig. 102

F0D2136g

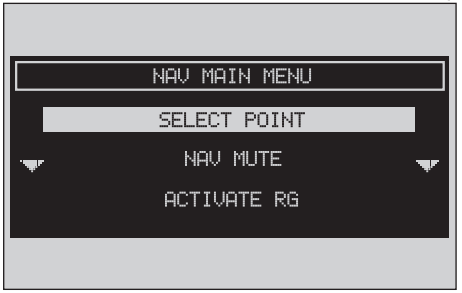



fig. 103

– HOME1/HOME2: start route calculation towards one of the two predefined or frequently used destinations.

– INFO: displays info on vehicle position and destination.

– DETOUR: allows the user to choose an alternative route.

– SET ROUTE: defines route calculation parameters and activates the zoom intersection function **fig. 105**.

– DESTINATION AND ROUTE: controls destination and activate route calculation.

– VOICE DIRECTORY (where provided): controls navigator voice directory.

## SELECT POINT

Choosign and confirming "SELECT POINT" rotating and pressing the knob **22-fig. 1** , will activate this function that enables to specify a geographical point or a service and to get the required information **fig. 106**.

The available functions are:

– ADDRESS

– POINTS OF INTEREST

– LAST DESTINATIONS

– DIRECTORY

– RDS-TMC

– HOME 1

– HOME 2.

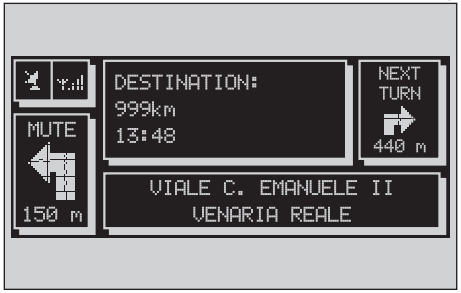



fig. 104

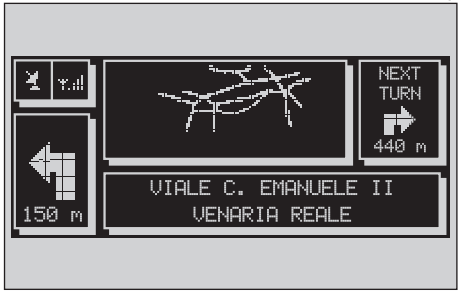



fig. 105

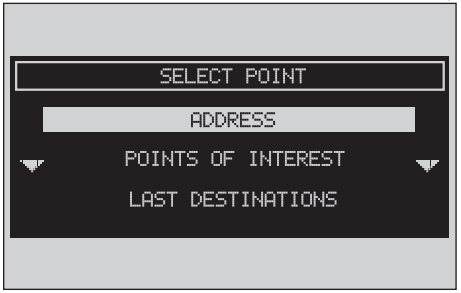



fig. 106

## ADDRESS

Selecting and confirming "ADDRESS" rotating and pressing the knob **22-fig. 1** will display a submenu with the following options: "PLACE NAME", "STREET", "STREET NUMBER", "2ND STREET", "OK" **fig. 107**.

### Place name

To enter the place name (destination town), select and confirm "PLACE NAME" (in the "ADDRESS" submenu) with the knob **22-fig. 1**. Screen in **fig. 108** will be displayed.

To input characters, select them by rotating the knob **22-fig. 1** and then press it to confirm.

Selecting "List" will display all the places having the same initial letters as those typed. Select "Del" or "DelC" to delete the whole word or just the last typed character.

After setting the place name, press the knob **22-fig. 1** to confirm and go to next page to input the street name. Push on "ESC" **23-fig. 1** gets to previous screen without setting the new place name.

### Street

Destination street name is obtained after entering the place name. Select "STREET" (in the "ADDRESS" submenu) by rotating and pressing the knob **22-fig. 1**.

To input street name characters, select and confirm them by rotating and pressing the knob **22-fig. 1**.

If in place of street the user specifies "⊙" it means "downtown" and so neither "STREET NUMBER" and "2ND STREET" must be input.

F0D2084g

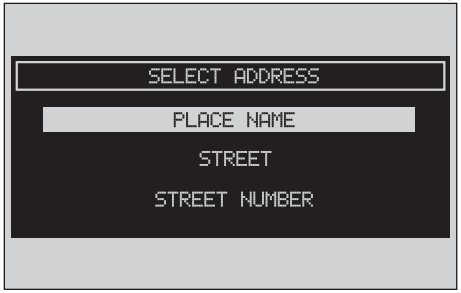



fig. 107

F0D2085g


fig. 108

The navigation system always guide you downtown in case of small towns.

After setting the street name, press the knob **22-fig. 1** to confirm and go to next screen to input the street number. Push on "ESC" **23-fig. 1** gets to previous screen without setting the street name.

### Street number

Destination street number is obtained after entering the street name. Select "STREET NUMBER" (in the "Address" submenu) by rotating and pressing the knob **22-fig. 1**.

To input digits, select and confirm them by rotating and pressing **fig. 109** the knob **22-fig. 1**.

### 2nd street

This option is used to enter the name of a second street that intersects the first entered street, so that the selected destination is the intersection between the two streets.

The second street name can be entered, after entering the place name and the first street name. Select "2nd STREET" (in the "ADDRESS" submenu) by rotating and pressing the knob **22-fig. 1**.

To input the 2nd street name characters, select and confirm them by rotating and pressing the knob **22-fig. 1**.

### OK

After entering the destination place name, street name and number, select "OK" by rotating the knob **22-fig. 1** and then press it to confirm; the display will show a new screen with the following options: "DESTINATION", "DIRECTORY", "HOME 1", "HOME 2", "LOCATE" **fig. 110**.

Pressing "ESC" **23-fig. 1** goes back to previous screen without storing settings.

F0D2139g

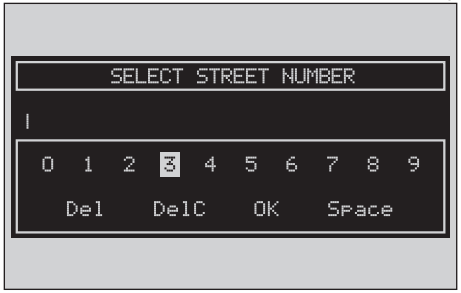



fig. 109

F0D2086g

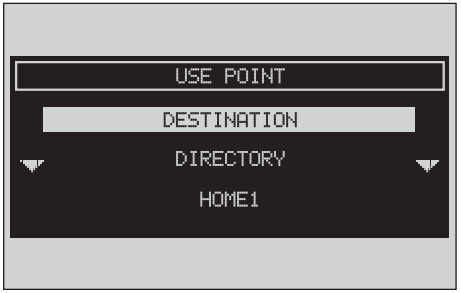



fig. 110

*DESTINATION*

Select and confirm "DESTINATION" rotating and pressing the knob **22-fig. 1** to start route calculation.

If route guidance is active yet, selecting "DESTINATION" AGAIN, THE DISPLAY SHOWS THE FOLLOWING MESSAGE: "CALCULATE ROUTE TO NEW DESTINATION. PRESS ENTER TO CONFIRM ESC TO CANCEL".

Pressing "ESC" **23-fig. 1** will maintain the current route thus refusing new route calculation that will be inserted in the "DESTINATION LIST" **fig. 111** as second destination. Pressing the knob **22-fig. 1** will start new route calculation and the old one will become the second destination.

Should there be several destinations, when reaching the first destination the display will show the message: "CALCULATE ROUTE TO NEW DESTINATION. PRESS ENTER TO CONFIRM ESC TO CANCEL".

Pressing the knob **22-fig. 1** the system will calculate the route to the next destination.

*DIRECTORY*

This function is used to store an address into the navigation system directory and to associate it to a name and a voice sample (e.g.: "Home") for easy retrieval **fig. 112**.

The name to be associated with the destination is entered, after selecting and confirming "NAME" (in the "DIRECTORY" submenu) by rotating the and pressing the knob **22-fig. 1**.

**IMPORTANT** When selecting "NAME" remember that it is not possible to add a name already present in the Telephone (TEL) function directory.

To enter the characters simply select and confirm them by rotating and pressing the knob **22-fig. 1**.

After completing the name, select "OK".

F0D2087g


fig. 111

F0D2088g

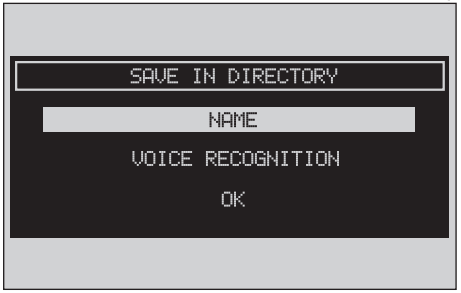



fig. 112

VOICE RECOGNITION
(where provided)

"VOICE RECOGNITION" allows to associate a voice sample to a destination stored in the directory. Selecting this function with the knob **22-fig. 1** and pressing it to confirm will display the screen in **fig. 113** with the following options:

"DIRECTORY - NEW VOICE COMMAND": allows recording of a new voice sample. User is guided with suitable prompts and is invited to pronounce twice the name to be recorded. During sampling a standard message will be displayed (see section dealing with voice recognition).

F0D2089g

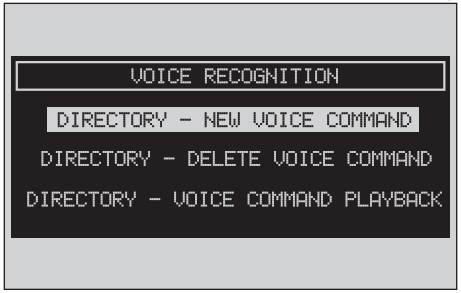



fig. 113

"DIRECTORY - DELETE VOICE COMMAND": allows deletion of a previously recorded voice sample. If there is no sample, this key is disabled.

"DIRECTORY - VOICE COMMAND PLAYBACK": reproduces a previously recorded voice sample. If there is no recorded sample, this key is disabled.

"OK": stores settings.

To select the required function, rotate the knob **22-fig. 1** and then press it to confirm.

*HOME 1 and HOME 2*

"Home 1" and "Home 2" store the selected point in the relevant memories.

If a point has already been previously stored as "Home 1" or "Home 2", a warning box asks the user for confirmation about substitution.

*LOCATE*

This function enables to "force" the vehicle position in the position defined by the entered geographical point.

## POINTS OF INTEREST

This function is used to obtain a file containing the location and information on points of general interest such as, for example, restaurants, museums, stations etc., divided by category.

electing "POINTS OF INTEREST", rotating the knob **22-fig. 1** and pressing it to confirm, the display will show the following menu **fig. 114**:

– NEAR CAR

– NEAR DESTINATION

– NEAR ADDRESS

– NAME.

F0D2090g

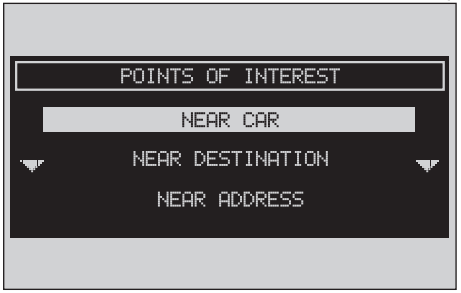



fig. 114

### Near car

"NEAR CAR" allows the user to find the services near the current vehicle position as follows:

– "CATEGORY": allows service category (hotels, restaurants,..) selection in the system data-base using the keypad.

– "LIST OF SERVICES": will provide the list of available services for the specified category. The list is scrolled by rotating the knob **22-fig. 1** and pressing it to confirm.

The list shows the service name, distance and direction.

– "INFO": to get information on the selected service with respect to the chosen point of interest.

– "OK": to use the point of interest.

### Near destination

This function enables to find services near the selected destination. The available options are: "DESTINATION", "CATEGORY" and "LIST OF SERVICES" **fig. 115**.

If no point has been defined, this function cannot be selected.

After selecting the destination **fig. 116** and selected service, information can be obtained and the service can be located using "INFO".

"OK": to use the point of interest.

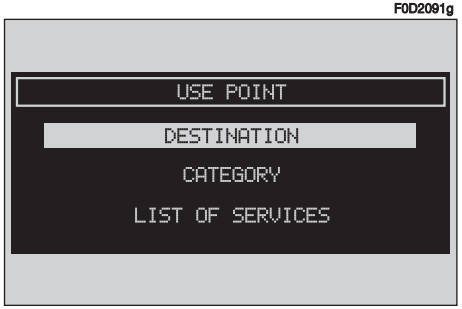



fig. 115

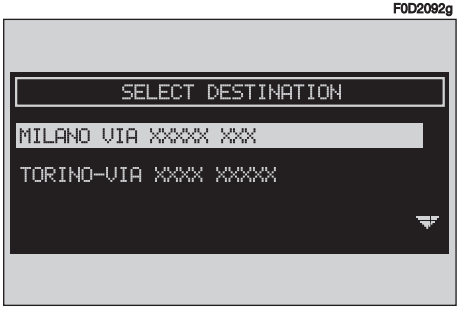



fig. 116

### Near address

This is used to identify the services sought nearest to the address set. The available options are: "CATEGORY", "PLACE NAME", "STREET", "STREET NUMBER" and "LIST OF SERVICES" **fig. 117**.

After selecting the required service, associated information may be obtained using "INFO".

"OK": to use the point of interest.

### Name

Service selection by "Name" is used to select a known service as the destination by entering "CATEGORY", "PLACE NAME" and "SERVICE NAME" **fig. 118**.

After confirming the selected service, associated information may be obtained using "INFO".

"OK": to use the point of interest.

### LAST DESTINATIONS

"LAST DESTINATIONS" submenu **fig. 119** is used to select an address in the list of last inserted destinations (maximum 10). At each route calculation, the destination is automatically inserted in the list of the "DESTINATION AND ROUTE" submenu and then removed when reaching the destination. Selection of a destination from that list is done by rotating the knob **22-fig. 1** and pressing it to confirm.

F0D2093g

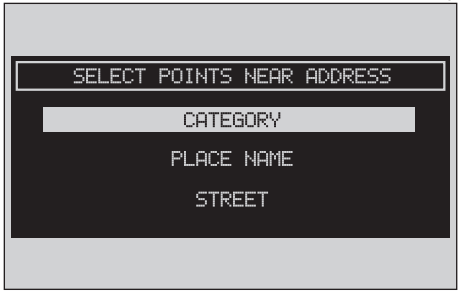



fig. 117

F0D2094g

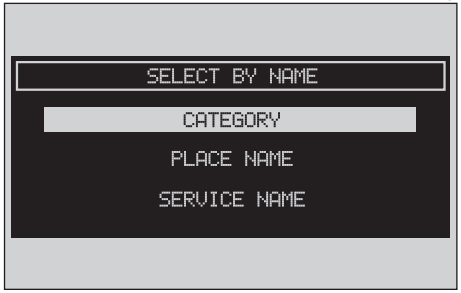



fig. 118

F0D2095g

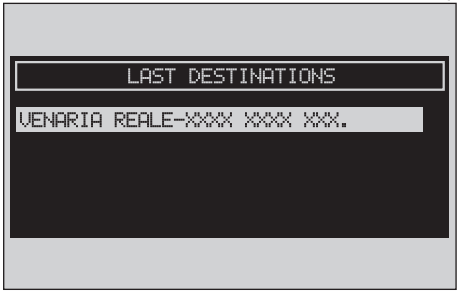



fig. 119

## DIRECTORY

"DIRECTORY" option enables to select a point from those stored in the navigator directory. For each selected character, the entered string is compared to the data base string: only the names corresponding to next possible alphabetical characters will be available **fig. 120**.

If the list entries can be all displayed or when the user selects "LIST", the keypad disappears, names are displayed **fig. 121** and can be selected.

If a data base entry is selected, the display will show a screen like that in **fig. 122**.

Each directory entry is associated (where provided) to a mnemonic string with the description of the geographical point. Symbol •))) appears if a voice sample is associated.

Selecting the required option with the knob **22-fig. 1** and pressing it to confirm, will display the following:

"INFO": displays the address with the associated name **fig. 122**;

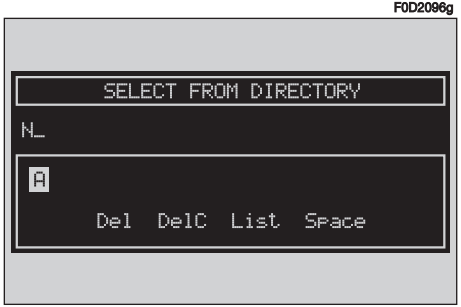



fig. 120

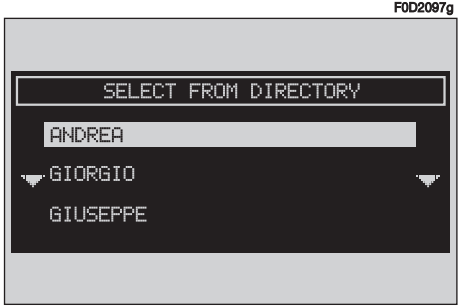



fig. 121

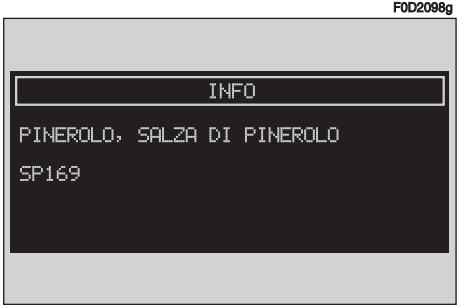



fig. 122

"DESTINATION": allows the use of the point as already described.

"DELETE": deletes entry.

"CHANGE": changes the string (Name) associated to the point and enables to record/change/delete the associated voice sample **fig. 123 - 124**.

F0D2099g

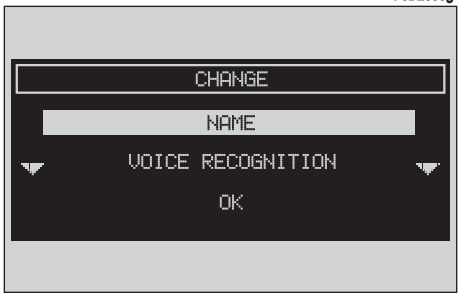



fig. 123

F0D2100g

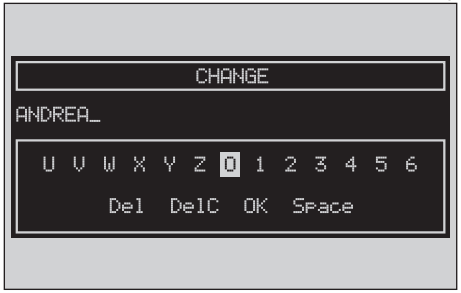



fig. 124

## RDS-TMC

Select this function by rotating the knob **22-fig. 1** and then press it to confirm.

"RDS-TMC" option allows the user to select a geographical point to get related RDS-TMC information. RDS-TMC events include: queue, accidents, generic dangers, works in progress, closed road/narrow road/no entry road/slippery road, ice/snow, fog, wind, procession, danger of explosions, slow down, traffic sings out of order, parking, forecast. A TMC event cannot be used to identify a destination.

RDS-TMC events are classified into the following three categories:

**A** Traffic: information on traffic and road conditions.

**B** Weather: information on weather conditions.

**C** Info: information on general interest issues.

When RDS-TMC function is on **fig. 125**, the system will detect events near the vehicle or near the specified address.

To choose one of these two options, select "NEAR CAR" or "NEAR ADDRESS" with the knob **22-fig. 1** and then press it to confirm.

F0D2101g

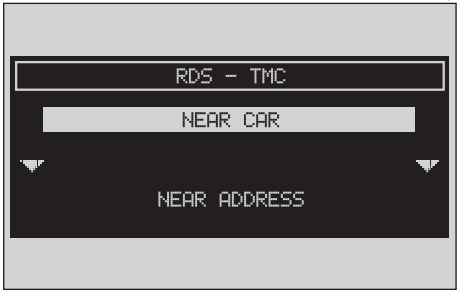



fig. 125

## Near car

"NEAR CAR" option enables to get information on events near the current vehicle position.

The menu **fig. 126** includes the following keys:

– "CATEGORY": to select the required event category ("TRAFFIC", "WEATHER", "GENERAL", "ALL").

– "EVENTS": to open the event list and to choose the event of interest.

– "INFO": to get info about the selected event.

To select the required function, rotate the knob **22-fig. 1** and then press it to confirm.

## Near address

"NEAR ADDRESS" enables to get information on events near a specific address.

The following functions are available:

– "CATEGORY": specifies event category: "TRAFFIC", "WEATHER", "GENERAL", "ALL" **fig. 127**.

– "PLACE NAME", "STREET", "STREET NUMBER": inputs resort address.

– "EVENTS": opens the event list and chooses the event of interest.

F0D2102g

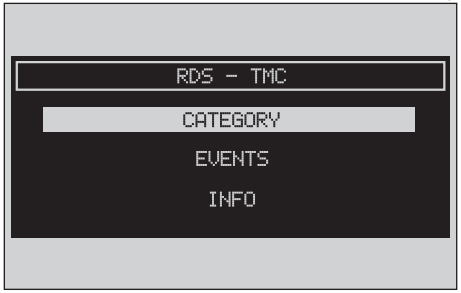



fig. 126

F0D2103g

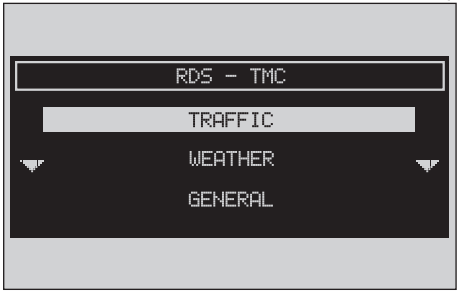



fig. 127

– “INFO”: provides information about selected event **fig. 128 - 129**.

– “OK”: this key takes back to the main navigator screen.

To select the required function, rotate the knob **22-fig. 1** and then press it to confirm.

## HOME 1 - HOME 2

Selecting and confirming “HOME 1” or “HOME 2” rotating and pressing the knob **22-fig. 1** will display the following options **fig. 130**:

– “INFO”: full address of a point.

– “DESTINATION”: to use the point as destination.

– “DELETE”: to delete point from home1/2.

To select the required function, rotate the knob **22-fig. 1** and then press it to confirm.

## Info

Selecting “INFO” rotating the knob **22-fig. 1** and pressing it to confirm will display the following options: ”INFO GPS”, “ROUTE INFO”, “HIGHWAY INFO”.

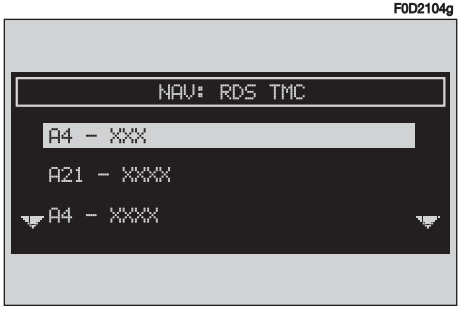


fig. 128

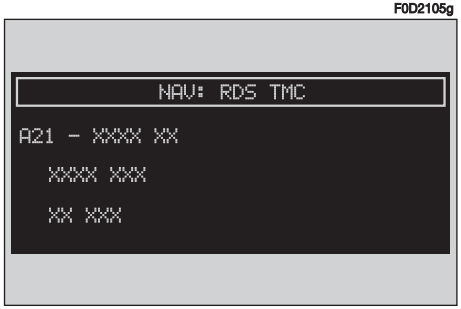


fig. 129

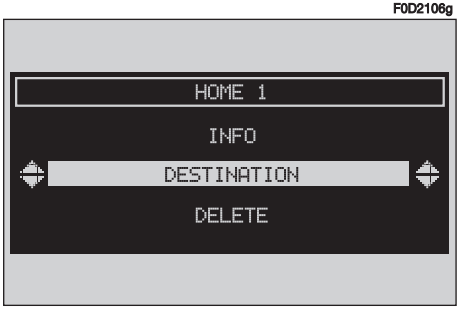


fig. 130

## GPS INFO

Selecting "INFO GPS" rotating the knob **22-fig. 1** and pressing it to confirm will display GPS information (latitude, longitude and altitude) and the number of available satellites **fig. 131 - 132**.

ROUTE INFO

Selecting "ROUTE INFO" rotating the knob **22-fig. 1** and pressing it to confirm will display the destination (street/town), the estimated time of arrival and the distance to destination **fig. 133 - 134**.

Obviously, this function will be available only if there is a calculated route.

F0D2107g

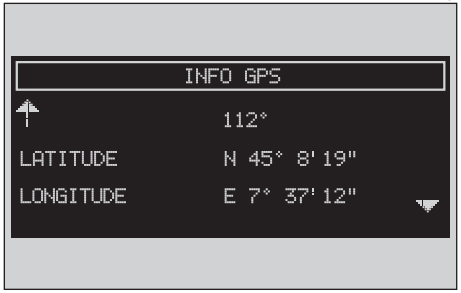



fig. 131

F0D2108g

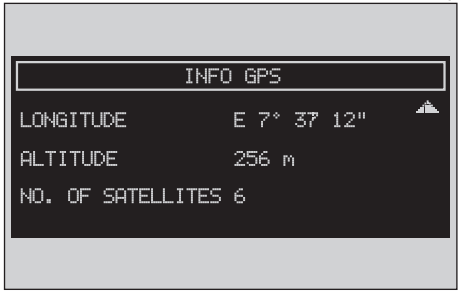



fig. 132

F0D2109g


fig. 133

F0D2110g

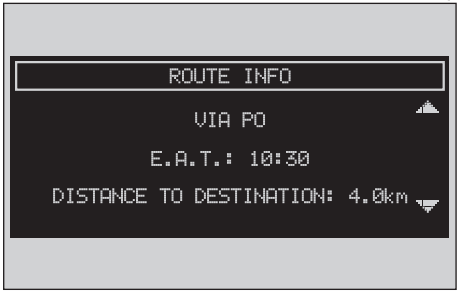



fig. 134

HIGHWAY INFO

Selecting "HIGHWAY INFO" rotating the knob **22-fig. 1** and pressing it to confirm will display information and distance from the next two gas stations **fig. 135 - 136 - 137**.

This option is enabled only if the vehicle is on a highway and a route has been previously calculated.

## DETOUR

Selecting "DETOUR" rotating the knob **22-fig. 1** and pressing it to confirm allows the user to choose (if possible) an alternative route to reach the selected destination (within a set distance: 500 m, 1 km, 2 km, 5 km) avoiding a specified portion of the currently calculated route **fig. 138**.

F0D2111g

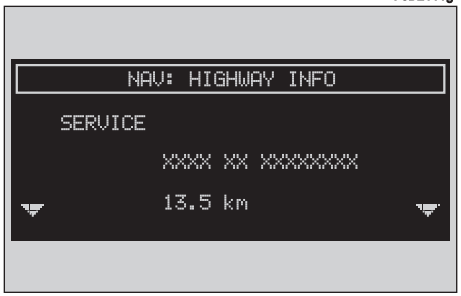



fig. 135

F0D2112g


fig. 136

F0D2113g

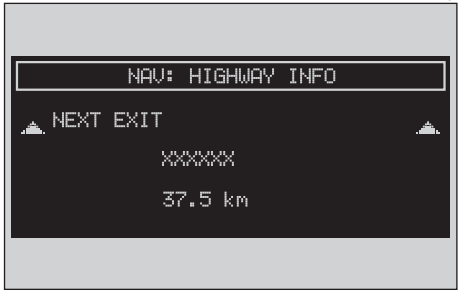



fig. 137

F0D2114g

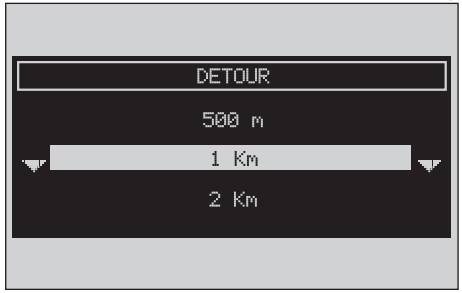



fig. 138

When new route is calculated, the display will show the new distance and the time necessary to reach the destination **fig. 139**.

Using the knob **22-fig. 1** or pressing "ESC" **23-fig. 1** the user can accept or reject the new route.

If there is no alternative route, then the display shows "NO ALTERNATIVE ROUTE AVAILABLE" **fig. 140**.

## SET ROUTE

"SET ROUTE" allows to define the route calculation parameters.

Selecting this function rotating the knob **22-fig. 1** and pressing it to confirm, the display shows the following options **fig. 141**:

– "INFO": to display current route setting.

– "ROUTE TYPE": to set the route calculation criteria according to "SHORTEST TIME" or "SHORTEST DISTANCE".

– "MOTORWAY": to define if route can include highway segments ("YES") or ("NO").

– "ZOOM INTERSECTION": enables ("YES") or disables ("NO") the zoom intersection option, i.e. whether to zoom the map when vehicle approaches an intersection.

The screen shows:

– map with streets only

– vertical bar with distance to intersection; each segment corresponds to 50 metres.

– pictogram showing next turn (including distance to turn).

– "OK": to activate settings.

To select the required function, rotate the knob **22-fig. 1** and then press it to confirm.

F0D2115g

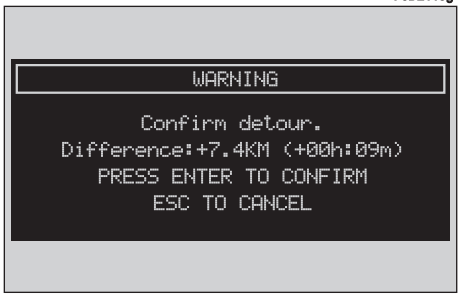



fig. 139

F0D2116g


fig. 140

F0D2117g

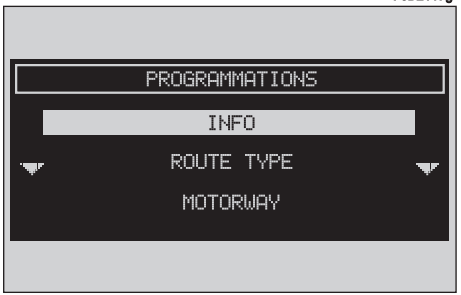



fig. 141

## DESTINATION AND ROUTE

Selecting "DESTINATION AND ROUTE", rotating the knob **22-fig. 1** and pressing it to confirm will display the following options **fig. 142**:

– "DISPLAY": to display the list of the last destinations to reach (max. 10).

– "DELETE": to delete an entry from the list. After deleting the selected entry the list will be displayed again.

– "DELETE ALL": to delete the whole list.

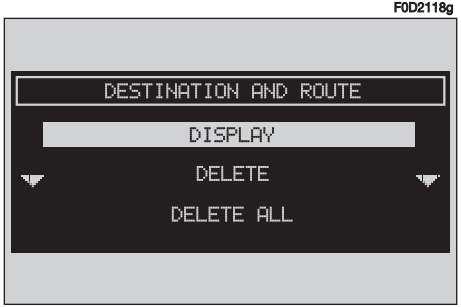



fig. 142

To select the required function, rotate the knob **22-fig. 1** and press it to confirm.

## VOICE DIRECTORY (where provided)

To select "VOICE DIRECTORY" rotate the knob **22-fig. 1** and then press it to confirm.

This function enables to control navigator voice directory.

Two options are available:

– "PLAY VOICE DIRECTORY": allows playback of all the previously recorded and stored voice samples. During playback the following message will be displayed: "PRESS ESCAPE to interrupt".

– "DELETE VOICE DIRECTORY": deletes all the previously recorded voice samples. Press the knob **22-fig. 1** to confirm deletion; press "ESC" **23-fig. 1** to quit the menu.

# ON-BOARD COMPUTER (TRIP)

## GENERAL INFORMATION

The on-board computer provides a series of helpful data relevant to current travel (e.g.: times, distances, speed, fuel consumption). Certain information depends on set navigation route.

**IMPORTANT** Certain information/operations hereafter described are available/possible only with ignition key turned to **MAR**.

TRIP menu allows to set the desired distance and fuel consumption measure unit.

TRIP menu also allows to input a number of events (e.g. Tyre replacement..., Birthday …) that can be triggered both on set date or mileage.

To display on-board computer screen, press the TRIP key **21-fig. 1** on the front panel, the GENERAL TRIP screen in **fig. 143** will be displayed:

– TIME TO DESTINATION

– DISTANCE TO DESTINATION

– SPEED LIMIT

– DISTANCE TRAVELED

– AVERAGE SPEED

– TRIP TIME.

F0D2140g

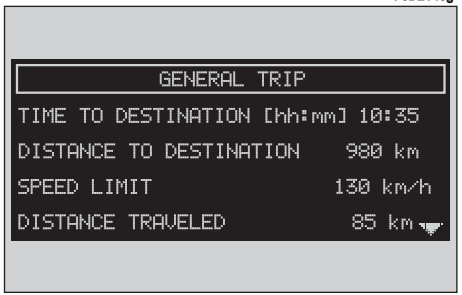



fig. 143

### TIME TO DESTINATION

This information shows the presumed time (calculated according to average speed, from the last manual or automatic reset), at which the destination set will be reached.

The time is shown in "hh:mm" (hours and minutes).

If no route is set, "– –" is displayed.

## DISTANCE TO DESTINATION

This information is present only when the navigation function is on and indicates the distance (expressed in kilometres, unless otherwise set by the user, see paragraph "SETUP") between current vehicle position and the destination set.

If no route is set, "– –" is displayed.

## SPEED LIMIT

This function shows the vehicle speed limit set through the "SPEED", option, if this limit is exceeded the driver is warn by a buzzer (if set).

Value is expressed in "km/h" (kilometres per hour) unless otherwise set by the user (see paragraph "TRIP: SETUP").

## DISTANCE TRAVELED

This shows the distance travelled by the vehicle from the last manual or automatic reset of the on-board computer. The value is expressed in "km" (kilometres) unless otherwise set by the user (see paragraph "TRIP: SETUP").

If no route is set, "– –" is displayed.

## AVERAGE SPEED

This shows the average speed of the vehicle calculated from the last manual or automatic reset of the on-board computer. The value is expressed in "km/h" (kilometres per hour) unless otherwise set by the user (see paragraph "TRIP: SETUP").

If no route is set, "– –" is displayed.

## TRIP TIME

This shows the time elapsed since the last manual or automatic reset of the on-board computer. The value is expressed in "hh:mm" (hours and minutes).

If no route is set, "– –" is displayed.

# TRIP SUBMENU

To display the trip computer submenu, press "TRIP" key **21-fig. 1** and when the above described list of information is displayed press the knob **22-fig. 1**. The following menu will be displayed **fig. 144**:

– GENERAL TRIP

– SETUP

– SPEED

To select the required menu, rotate the knob **22-fig. 1** and then press it to confirm.

## GENERAL TRIP

Selecting "GENERAL TRIP" with the knob **22-fig. 1** and pressing it to confirm will display the following menu:

– TIME TO DESTINATION

– DISTANCE TO DESTINATION

– SPEED LIMIT

– DISTANCE TRAVELED

– AVERAGE SPEED

– TRIP TIME.

## TRIP: SETUP

This function enables to change the units of measure relevant to distance, speed and fuel consumption.

Selecting SETUP with the knob **22-fig. 1** and pressing it to confirm will display the following menu **fig. 145**:

– INFO

– DISTANCE UNITS

– OK.

F0D2141g

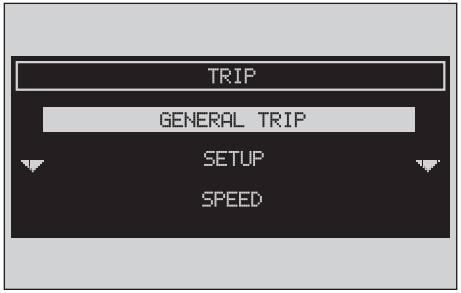



fig. 144

F0D2177g

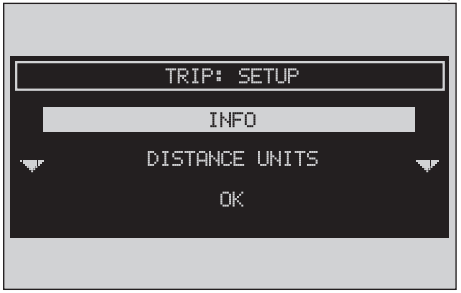



fig. 145

Selecting and confirming INFO by turning and pressing the knob **22-fig. 1**, the display will show the previously set units **fig. 146**.

Select and confirm DISTANCE UNITS with the knob **22-fig. 1** to change the distance unit (km or mi) **fig. 147**; select the required unit, then select OK and press the knob to confirm.

## TRIP: SPEED

This function shall be used to set the speed limit. If this limit is exceeded the driver is warn by a dedicated message on the display.

Selecting SPEED with the knob **22-fig. 1** and pressing it to confirm will display the following menu **fig. 148**:

– INFO

– CHANGE.

F0D2178g

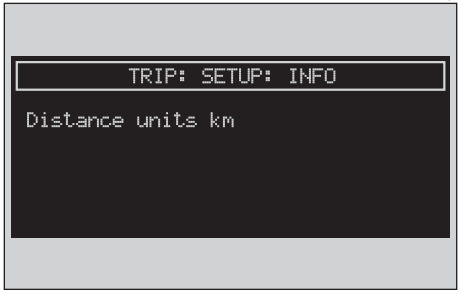



fig. 146

F0D2179g


fig. 147

F0D2171g

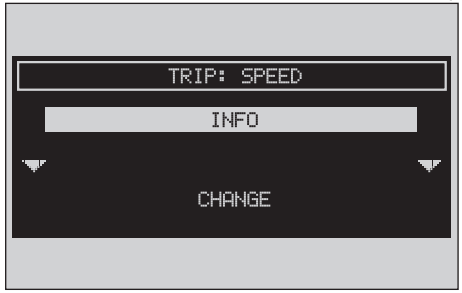



fig. 148

Selecting INFO with the knob **22-fig. 1** and pressing it to confirm will display the current speed limit **fig. 149**.

To change settings, select and confirm CHANGE with the knob **22-fig. 1**;

– selecting and confirming SPEED LIMIT ALARM **fig. 150** with the knob **22-fig. 1**, the system will show the screen in **fig. 151**, where it is possible to choose YES or NO;

– selecting and confirming SET BUZZER with the knob **22-fig. 1**, the system will show the screen in **fig. 152**, where it is possible to choose YES (if you want the buzzer) or NO (no buzzer).

**IMPORTANT** With SET BUZZER – NO, when exceeding the speed limit set the buzzer will not sound.

F0D2173g

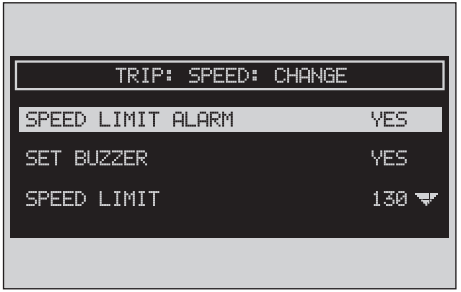



fig. 150

F0D2172g

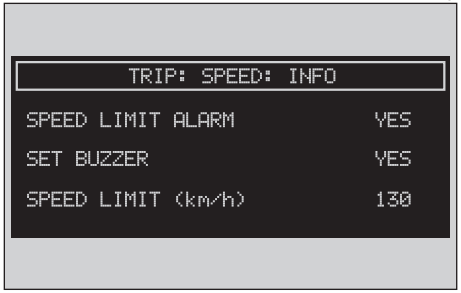



fig. 149

F0D2174g

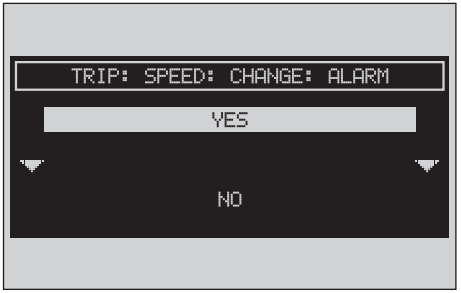



fig. 151

F0D2175g

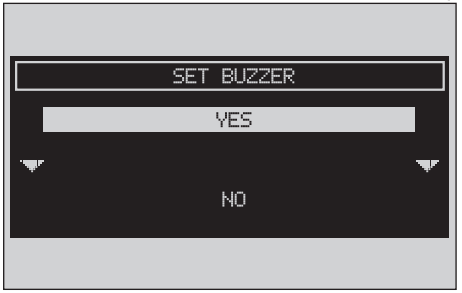



fig. 152

– selecting and confirming SPEED LIMIT with the knob **22-fig. 1**, the system will show the screen in **fig. 153**, where it is possible to change the speed limit. To change the speed limit value, turn the knob **22-fig. 1** and then press it when the required value is displayed.

– after entering the required settings, turn the knob **22-fig. 1** to select "OK" and then press the knob to confirm. When the speed limit is exceeded the display will show the screen in **fig. 154** (in this screen 130 is an indicative value assumed as exceeded speed limit).

F0D2176g

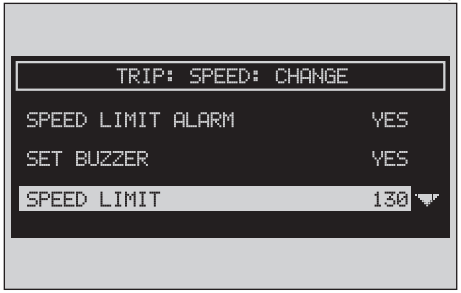



fig. 153

F0D2169g


fig. 154

# VOICE RECOGNITION (where provided)

## GENERAL INFORMATION

With the "Voice recognition" function the user can control the CONNECT system by voice. By means of the voice recognition, the user can send commands to the system through a microphone: short push on •)) **14-fig. 1** set on front panel enables voice command interpretation; the system will then provide voice help to guide the user get the required function.

Press again •)) **14-fig. 1** to stop procedure.

Voice recognition is performed two ways:

– **voice recognition without voice identification**;

– **voice recognition with voice identification**.

Commands **without voice identification** activate the main system functions (TEL, RADIO, CD etc.).

Commands **with voice identification** makes it possible to enter / recall names in the phone directory and/or navigation addresses.

In the first case (voice recognition without voice identification), the system is able to receive the voice commands regardless of the user's sex and voice tone and inflexion.

No preliminary training phase is required, just follow the instructions given by the system each time.

In the second case (voice recognition with voice identification), the system is able to recognise the required command comparing the voice command pronounced to the corresponding voice sample previously stored by the user.

**IMPORTANT** The voice recognition and message store operations are immediately interrupted in the event of incoming calls; in this case, at the end of the call, the whole operation must be repeated. Conversely, incoming SMS text messages do not interrupt the operations.

# VOICE COMMANDS

Voice commands, identified as "keywords", that the system is able to recognize are organized according to four increasing levels: 1st level, 2nd level, 3rd level, 4th level. 1st level keywords activate the following main system functions: Memo; Radio; CD player; CD Changer; Navigator, Telephone. When a 1st level keyword is pronounced, the system will activate 2nd level keywords; when a 2nd level keyword is pronounced, the system will activate 3rd level keywords; when a 3rd level keyword is pronounced, the system will activate 4th level keywords.

If the user pronounces a 1st level keyword, then the submenu relevant to that command will remain active until another 1st level keyword is given; the same rule applies for the other lower levels (2, 3 and 4).

If too much time passes between a command and another of lower level the system will invite the user to continue by voice message "Can I help you?".

1st level keywords are the following:
– Memo
– Radio
– CD player
– Navigator
– Call
– Dial
– Redial
– PIN code
– Directory
– Abort.

**KEYWORDS - Summary**

The following tables show the list /divided according to function) of voice commands ("keywords") that the system can receive.

**"Memo" function**

**VOICE COMMANDS - KEYWORDS**

| 1st LEVEL KEYWORDS | 2nd LEVEL KEYWORDS | 3rd LEVEL KEYWORDS | 4th LEVEL KEYWORDS | REQUIRED FUNCTION |
|---|---|---|---|---|
| Memo | | | | Memo ("Voice memo" function) |
| | Read | | | Read a message |
| | Delete | | | Delete all messages |
| | Next | | | Go to next message |
| | Previous | | | Go to previous message |
| | Record | | | Record memo |

## "Radio" function

**VOICE COMMANDS - KEYWORDS**

| 1st LEVEL KEYWORDS | 2nd LEVEL KEYWORDS | 3rd LEVEL KEYWORDS | 4th LEVEL KEYWORDS | REQUIRED FUNCTION |
|---|---|---|---|---|
| Radio | | | | Tuner |
| | Next | | | Tune next radio station |
| | Previous | | | Tune previous radio station |
| | FM | | | Select FM band |
| | | (1 …. 3) | | |
| | MW | | | Select MW band |
| | LW | | | Select LW band |
| | Memory | | | Select one station in the band |
| | | (1 …. 6) | | |
| | Autostore | | | If FM station is tuned: FMAST band is selected. If LW or MW station is tuned: AMAST band is selected. |
| | Tune | | | Valid only if selected band is FMAST or AMAST: autostore function activation. |
| | Frequency (*) | | | Tuning on special frequency |
| | | (0 …. 9)<br>"Point"<br>Cancel<br>Delete<br>Abort<br>Repeat<br>Send | | |

Once a command has been pronounced and executed, second level "keywords" and all first level keywords will remain available for further commands. (*) After this command the system will ask: "The frequency, please".

## "CD Player" function

**VOICE COMMANDS - KEYWORDS**

| 1st LEVEL KEYWORDS | 2nd LEVEL KEYWORDS | 3rd LEVEL KEYWORDS | 4th LEVEL KEYWORDS | REQUIRED FUNCTION |
|---|---|---|---|---|
| CD Player | | | | Integrated CD Player |
| | Stop | | | Stop |
| | Play | | | Play |
| | Pause | | | Pause |
| | Previous | | | Previous track |
| | Next | | | Next track |
| | Track | | | Select track by number (*) |
| | | (1 …. 20) | | |
| | Random | | | Random play |

Once a command has been pronounced and executed, second level "keywords" and all first level keywords will remain available for further commands.

(*) Direct track selection for MP3 CDs is not available.

## "Navigator" function

**VOICE COMMANDS - KEYWORDS**

| 1st LEVEL KEYWORDS | 2nd LEVEL KEYWORDS | 3rd LEVEL KEYWORDS | 4th LEVEL KEYWORDS | REQUIRED FUNCTION |
|---|---|---|---|---|
| Navigator | | | | Navigator |
| | Destination (*) | | | Select destination (only with "voice identification" mode) |
| | List of destinations | | | |
| | | Read | | Play list of destinations stored with "voice identification" mode |
| | | Delete | | |
| | | | Destination (*) | Delete a destination (only with "voice identification" mode) |
| | | | All | Delete all the voice samples associated to destinations stored in directory |

Once a command has been pronounced and executed, second level "keywords" and all first level keywords will remain available for further commands. (*) After these commands the system will ask: "The destination, please".

## "Telephone" function

**VOICE COMMANDS - KEYWORDS**

| 1st LEVEL KEYWORDS | 2nd LEVEL KEYWORDS | 3rd LEVEL KEYWORDS | 4th LEVEL KEYWORDS | REQUIRED FUNCTION |
|---|---|---|---|---|
| Call (*) | | | | Call an address book number (only with "voice identification" mode) |
| Dial (**) | | | | Call a number |
| | (0 …. 9)<br>Plus<br>Cancel<br>Delete<br>Abort<br>Repeat<br>Send | | | |
| Redial | | | | Redial |
| PIN code (***) | | | | Enter PIN code |
| | (0 …. 9)<br>Cancel<br>Delete<br>Abort<br>Repeat<br>Send | | | |
| Address book | | | | |
| | Read | | | Play all the voice samples associated to the phone book with "voice identification" mode |
| | Delete | | | |
| | | Name (*) | | Delete an entry from the phone book (only with "voice identification" mode) |
| | | All | | Delete all the voice samples associated to the phone book |

Once a command has been pronounced and executed, second level "keywords" and all first level keywords will remain available for further commands.
(*) After this command the system will ask: "The name, please". (**) After this command the system will ask: "The number, please".
(***) After this command the system will ask: "The PIN code, please".

**"Dialogue stop" function**

| VOICE COMMANDS - KEYWORDS | | | | |
|---|---|---|---|---|
| 1st LEVEL KEYWORDS | 2nd LEVEL KEYWORDS | 3rd LEVEL KEYWORDS | 4th LEVEL KEYWORDS | REQUIRED FUNCTION |
| Abort | | | | Dialogue stop |

**Dialogue keywords**

During the "conversation" with vthe voice recognition system, the user can modify the conversation sequence, using the "keywords" listed in the following table:

| VOICE COMMANDS KEYWORDS | REQUIRED FUNCTION |
|---|---|
| Abort | Current operation is aborted |
| Delete | The system cancels last user's command |
| Cancel | The system cancels all user's commands |
| Repeat | The system repeats user's commands |
| Send | The system performs the required function |
| No | Abort operation |
| Yes | Confirm operation |

# VOICE COMMAND EXAMPLES

### Tuning a radio frequency

Pronouncing 1st level keyword "Radio" and then the 2nd level one "Frequency", opens a dialogue enabling the following keywords:

– [0..9]

– Point

– Cancel

– Delete

– Abort

– Repeat

– Send.

**First example:**

| | |
|---|---|
| User: | Radio - Frequency |
| CONNECT: | The frequency, please |
| User: | 1-0-5-Point-5 |
| CONNECT: | 1-0-5-Point-5 |
| User: | Send |
| CONNECT: | The frequency is being tuned. |

**Second example:**

| | |
|---|---|
| User: | Radio - Frequency |
| CONNECT: | The frequency, please |
| User: | 9-6 |
| CONNECT: | 9-6 |
| User: | Point-5-0 |
| CONNECT: | Point-5-0 |
| User: | Send |
| CONNECT: | The frequency is being tuned. |

**Third example:**

| | |
|---|---|
| User: | Radio - Frequency |
| CONNECT: | The frequency, please |
| User: | 1-0-6 |
| CONNECT: | 1-0-6 |
| User: | Point-7 |
| CONNECT: | Point-7 |
| User: | Delete |
| CONNECT: | 1-0-6 |
| User: | Point-6 |
| CONNECT: | Point-6 |
| User: | Repeat |
| CONNECT: | 1-0-6-Point-6 |
| User: | Send |
| CONNECT: | The frequency is being tuned. |

### Dialling a telephone number

Pronouncing 1st level keyword "Dial" opens a dialogue enabling the following keywords:

– [0..9]

– Plus (+)

– Cancel

– Delete

– Abort

– Repeat

– Send.

**First example:**

| | |
|---|---|
| User: | Dial |
| CONNECT: | The number, please |
| User: | 0-1-1 |
| CONNECT: | 0-1-1 |
| User: | 1-2-3 |
| CONNECT: | 1-2-3 |
| User: | 4-5-6 |
| CONNECT: | 4-5-6 |
| User: | 7-8 |
| CONNECT: | 7-8 |
| User: | Send |
| CONNECT: | The number is being dialled. |

**Second example:**

| | |
|---|---|
| User: | Dial |
| CONNECT: | The number, please |
| User: | 0-1-1-1-2-3 |
| CONNECT: | 0-1-1-1-2-3 |
| User: | 4-5-6-7-8 |
| CONNECT: | 4-5-6-7-8 |
| User: | Repeat |
| CONNECT: | 0-1-1-1-2-3-4-5-6-7-8 |
| User: | Send |
| CONNECT: | The number is being dialled. |

**Third example:**

| | |
|---|---|
| User: | Dial |
| CONNECT: | The number, please |
| User: | 0-1-1-1-2-3 |
| CONNECT: | 0-1-1-1-2-3 |
| User: | 4-5-6-7-8 |
| CONNECT: | 4-5-6-7-7 |
| User: | Repeat |
| CONNECT: | 0-1-1-1-2-3-4-5-6-7-7 |
| User: | Delete |
| CONNECT: | 0-1-1-1-2-3 |
| User: | 4-5-6-7-8 |
| CONNECT: | 4-5-6-7-8 |
| User: | Send |
| CONNECT: | The number is being dialled. |

### Enter PIN code

Pronouncing 1st level keyword "PIN code", opens a dialogue enabling the following keywords:

– [0..9]

– Cancel

– Delete

– Abort

– Repeat

– Send.

**First example:**

| | |
|---|---|
| User: | PIN code |
| CONNECT: | The PIN code, please |
| User: | 1-2-3-4 |
| CONNECT: | 1-2-3-4 |
| User: | Send |
| CONNECT: | The PIN code is being dialled. |

**Second example:**

| | |
|---|---|
| User: | PIN code |
| CONNECT: | The PIN code, please |
| User: | 1-2 |
| CONNECT: | 1-2 |
| User: | 3-4 |
| CONNECT: | 3-4 |
| User: | Send |
| CONNECT: | The PIN code is being dialled. |

**Third example:**

| | |
|---|---|
| User: | PIN code |
| CONNECT: | The PIN code, please |
| User: | 1-2 |
| CONNECT: | 1-2 |
| User: | 3-4 |
| CONNECT: | 3-8 |
| User: | Delete |
| CONNECT: | 1-2 |
| User: | 3-4 |
| CONNECT: | 3-4 |
| User: | Repeat |
| CONNECT: | 1-2-3-4 |
| User: | Send |
| CONNECT: | The PIN code is being dialled. |

### Storing an entry in the address book with voice identification

The user can insert into the telephone book a voice sample associated to a number (only with "voice identification" mode).

Recording stage cannot be performed through voice commands (for further details see section "Cellular telephone with voice commands" at paragraph "Directory function – Voice recognition").

User can stop the operation only by pressing the front panel key •)) **14-fig. 1**:

**First example:**

| | |
|---|---|
| CONNECT: | The name, please |
| User: | Barbara |
| CONNECT: | Please, repeat the name |
| User: | Barbara |
| CONNECT: | The name has been stored. |

**Second example:**

| | |
|---|---|
| CONNECT: | The name, please |
| User: | Francesca |
| CONNECT: | Please, repeat the name |
| User: | Maria |
| CONNECT: | The name has not been stored. The name, please |
| User: | Francesca |
| CONNECT: | Please, repeat the name |
| User: | Francesca |
| CONNECT: | The name has been stored. |

### Calling an entry from the address book with voice recognition

Pronouncing 1st level keyword "Call", opens a dialogue enabling the following keywords:

– Cancel

– Delete

– Abort

– Repeat

– Send.

**First example:**

| | |
|---|---|
| User: | Call |
| CONNECT: | The name, please |
| User: | Paola |
| CONNECT: | Paola |
| User: | Send |
| CONNECT: | The number is being dialled. |

**Second example:**

| | |
|---|---|
| User: | Call |
| CONNECT: | The address book is empty. |

**Third example:**

| | |
|---|---|
| User: | Call |
| CONNECT: | The name, please |
| User: | Paoletta |
| CONNECT: | Please repeat |
| User: | Paola |
| CONNECT: | Paola |
| User: | Send |
| CONNECT: | The number is being dialled. |

**Fourth example:**

| | |
|---|---|
| User: | Call |
| CONNECT: | The name, please |
| User: | Anna |
| CONNECT: | Vanna |
| User: | Repeat |
| CONNECT: | Vanna |
| User: | Cancel |
| CONNECT: | The name, please |
| User: | Anna |
| CONNECT: | Anna |
| User: | Send |
| CONNECT: | The number is being dialled. |

## Deleting a name from the address book

Pronouncing 1st level keyword "Address book" and then "Delete" and "Name", will open a dialogue enabling the following keywords:

– Yes

– No

– Cancel

– Delete

– Abort

– Repeat.

**First example:**

| | |
|---|---|
| User: | Address book - Delete - Name |
| CONNECT: | The name, please |
| User: | Barbara |
| CONNECT: | Do you wish to delete (Barbara)? |
| User: | Yes |
| CONNECT: | The name has been deleted. |

**Second example:**

| | |
|---|---|
| User: | Address book - Delete - Name |
| CONNECT: | The name, please |
| User: | Vanna |
| CONNECT: | Do you wish to delete (Anna)? |
| User: | Repeat |
| CONNECT: | Do you wish to delete (Anna)? |
| User: | No |
| CONNECT: | Abort. |

**Third example:**

| | |
|---|---|
| User: | Address book - Delete - Name |
| CONNECT: | The address book is empty. |

**Fourth example:**

| | |
|---|---|
| User: | Address book - Delete - Name |
| CONNECT: | The name, please |
| User: | Paola |
| CONNECT: | Do you wish to delete (Paola)? |
| User: | Cancel |
| CONNECT: | The name, please |
| User: | Elena |
| CONNECT: | Do you wish to delete (Elena)? |
| User: | Yes |
| CONNECT: | The name has been deleted. |

**Storing a destination in the list of destinations with voice recognition**

The user can insert into the navigator directory a voice sample associated to a stored address.

This function cannot be activated by voice command.

User can stop the dialogue only pressing front panel key •)) **14-fig. 1**:

**First example:**

| | |
|---|---|
| CONNECT: | The destination, please |
| User: | Home. |
| CONNECT | Please, repeat the destination. |
| User: | Home. |
| CONNECT: | The destination has been stored. |

**Second example:**

| | |
|---|---|
| CONNECT: | The destination, please |
| User: | Office Milano. |
| CONNECT | Please, repeat the destination. |
| User: | Milano Office. |
| CONNECT: | The destination has not been stored. The destination, please. |
| User: | Office Milano. |
| CONNECT: | Please, repeat the destination. |
| User: | Office Milano. |
| CONNECT: | The destination has been stored. |

### Calling a destination from the list of destinations with voice recognition

Pronouncing 1st level keyword "Navigator" and then the 2nd level one "Destination" opens a dialogue enabling the following keywords:

– Cancel

– Delete

– Abort

– Repeat

– Send.

**First example:**

| | |
|---|---|
| User: | Navigator - Destination |
| CONNECT: | The destination, please |
| User: | Office |
| CONNECT: | Office |
| User: | Send |
| CONNECT: | The destination is being entered. |

**Second example:**

| | |
|---|---|
| User: | Navigator - Destination |
| CONNECT: | The list of destinations is empty. |

**Third example:**

| | |
|---|---|
| User: | Navigator - Destination |
| CONNECT: | The destination, please |
| User: | Office Milano |
| CONNECT: | Please repeat |
| User: | Milano Office |
| CONNECT: | Milano Office |
| User: | Send |
| CONNECT: | The destination is being entered. |

**Fourth example:**

| | |
|---|---|
| User: | Navigator - Destination |
| CONNECT: | The destination, please |
| User: | Anna's house |
| CONNECT: | Vanna's house |
| User: | Repeat |
| CONNECT: | Vanna's house |
| User: | Delete |
| CONNECT: | The destination, please |
| User: | Anna's house |
| CONNECT: | Anna's house |
| User: | Send |
| CONNECT: | The destination is being entered. |

### Deleting a destination from the list of destinations

Pronouncing 1st level keyword "Navigator" and then "List of destinations, Delete, Destination" will open a dialogue enabling the following keywords:

– Yes

– No

– Cancel

– Delete

– Abort

– Repeat.

**First example:**

| | |
|---|---|
| User: | Navigator - List of destinations - Delete - Destination. |
| CONNECT: | The destination, please |
| User: | Home |
| CONNECT: | Do you wish to delete (Home)? |
| User: | Yes |
| CONNECT: | The destination has been deleted. |

**Second example:**

| | |
|---|---|
| User: | Navigator - List of destinations - Delete - Destination. |
| CONNECT: | The destination, please |
| User: | Torino |
| CONNECT: | Do you wish to delete (Toirano)? |
| User: | Repeat |
| CONNECT: | Do you wish to delete (Toirano)? |
| User: | No |
| CONNECT: | Abort. |

**Third example:**

| | |
|---|---|
| User: | Navigator - List of destinations - Delete - Destination. |
| CONNECT: | The list of destinations is empty. |

**Fourth example:**

| | |
|---|---|
| User: | Navigator - List of destinations - Delete - Destination. |
| CONNECT: | The destination, please |
| User: | Office Milano |
| CONNECT: | Do you wish to delete (Office Milano)? |
| User: | Cancel |
| CONNECT: | The destination, please |
| User: | Paola's house |
| CONNECT: | Do you wish to delete (Paola's house)? |
| User: | Yes |
| CONNECT: | The destination has been deleted. |

**Stopping the dialogue**

To stop a dialogue, pronounce "Abort" keyword. Keywords entered before pronouncing "abort", are deleted.

"Abort" is recognized by the system only in "voice recognition without voice identification" mode.

**First example:**

| | |
|---|---|
| CONNECT: | The destination, please |
| User: | Office |
| CONNECT: | Office |
| User: | Abort |
| CONNECT | Abort. |

# INFORMATION AND ASSISTANCE SERVICES (SOS)

When key **25-fig. 1** is pressed, the screen is shown for requesting Information and Assistance Services **fig. 155**, regardless of the page shown previously on the display.

**IMPORTANT NOTES** "112" is the emergency call service for all countries in which this public service is available. The "Emergency 112" call can always be activated, even if the telephone card is not inserted in the slot **27-fig. 1**. If the PIN code has not been entered, in the case of a request for services the user is warned of the need to the enter the PIN code. The activation of calls for assistance is subordinate to whether the cell phone is working and correctly supplied electrically. Therefore in the event of accidents or damage to the vehicle it might not be available.

The "SOS" menu includes the following functions:

– INFOMOBILITY

– MEDICAL ADVICE *

– ROADSIDE ASSIST. *

– PERSONAL NUMBER

– EMERGENCY 112

– SETTINGS.

(*) These pay services, run by **Targasys**, can be activated on request. If the user has not yet subscribed to them, the associated menu functions are inactive and the display shows "Subscribed services not enabled" **fig. 156**. During subscription you will be given the activation and deactivation procedures of the Telematic Services offered by **Targasys**.

## "INFOMOBILITY" FUNCTION

Pressing **25-fig. 1** will display the SOS menu **fig. 155**. Select and confirm "INFOMOBILITY" by turning and pressing the knob **22-fig. 1**, the display will show the screen in **fig. 157** to be used to request pay services and information. Available functions are:

– SELECT

– CONNECT

F0C2146g

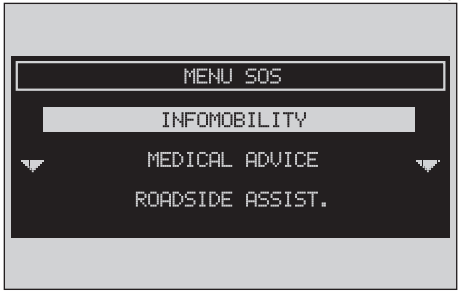



fig. 155

F0C2123g


fig. 156

F0C2152g

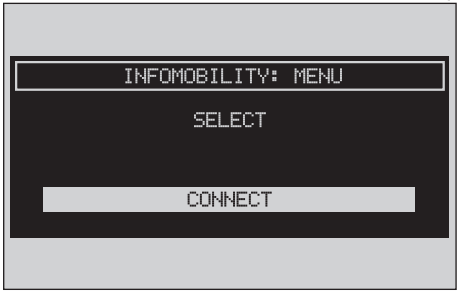



fig. 157

Services are available only upon subscription. If the user hasn't subscribed yet of if Targasys subscription expired, pressing **25-fig. 1** the display shows: "SUBSCRIBED SERVICES NOT ENABLED" **fig. 158**, and the "CONNECT" icon is disabled.

User can call the **Targasys** operator to get information to (re)activate the service.

If **Targasys** subscription expired, it is however possible to consult stored information.

F0C2123g


fig. 158

CONNECT

Selecting this function with the knob **22-fig. 1** and pressing it to confirm, sends the request for information.

Upon receiving the request, **Targasys** activates a telephone connection. When the connection is activated the user can ask an operator for the information required.

If it is not possible to activate the telematic connection, the display will show the corresponding warning message. Some information will be given only vocally by the operator, while others may also be sent with SMS messages, that will be received regardless of the function active (MAIN, AUDIO, etc.) **fig. 159**. The message will be shown directly on the screen active at that moment, (rotate the knob **22-fig. 1** to scroll the screen). Pressing the knob **22-fig. 1** will display a menu with the following functions: "STORE", "DELETE", "USE POINT" (if the message contains geographical indications) and "CALL" (if a telephone number is present) **fig. 160**.

Selecting "STORE" rotating the knob **22-fig. 1** and pressing it to confirm, the message will be stored, while "DELETE" will clear it from the screen and from memory.

F0C2124g

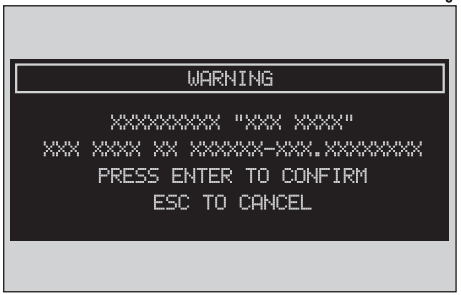



fig. 159

F0C2125g


fig. 160

Selecting "USE POINT" with the knob **22-fig. 1** and pressing it to confirm, the geographical coordinates can be used to set the Navigation function or can be entered in the navigation directory **fig. 161**. In this case the message will be stored automatically.

Selecting "CALL" with the knob **22-fig. 1** and pressing it to confirm, the telephone number contained in the message will be dialled automatically and the message will be stored.

Should a sequence of messages be received, a specific window will be opened for each of them and for each of them it will be possible to perform the storage, deletion, use point or call phone number operations.

SELECT

If they are not deleted, all the messages received are stored. A maximum of ten messages can be stored: further arrivals overwrite the oldest one.

To access single messages of the list which may contain information on the traffic, points of interest or weather information, activate the "SELECT" function **fig. 157** with the knob **22-fig. 1**. Rotate the knob **22-fig. 1** to scroll the list of messages **fig. 162**; (also the invisible part).

When the message you want to read is highlighted, press **22-fig. 1** to view it on the display.

Every message is identified by an icon recalling the message type (T= traffic; I= information, point of interest) and an envelope recalling the message status: read or not (sealed envelope = unread message, open envelope = read message).

### Traffic information

The icon with "**T**" identifies messages with traffic information (e.g. works in progress) **fig. 163**.

F0C2126g


fig. 161

F0C2127g

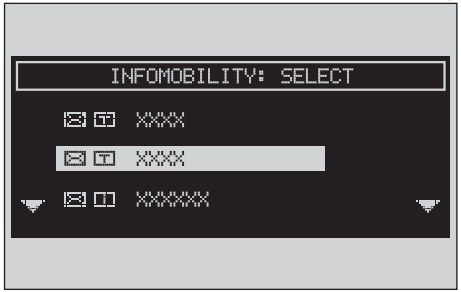



fig. 162

F0C2153g

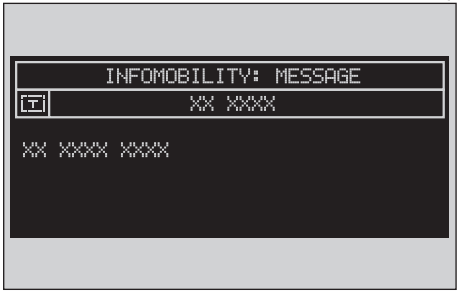



fig. 163

When the message contains geographical information for locating the point, after viewing, press the knob **22-fig. 1** to display the following options: "DELETE", "USE POINT" and "CALL" **fig. 164**.

Selecting "DELETE" by rotating and pressing the knob **22-fig. 1** eliminates definitively the message from the list, while with "USE POINT" it is possible to use point position with standard navigation functions (destination, directory) (available if the message contains geographical coordinates and the navigation CD is inserted). "CALL" is disabled.

## Information about points of interest

The icon with "**i**" identifies messages with traffic information about points of interest or with generic information **fig. 165**. When the message is shown on the display, press the knob **22-fig. 1** to display the following options "DELETE", "USE POINT" and "CALL" **fig. 166**.

Selecting "DELETE" with the knob **22-fig. 1** and pressing it to confirm, eliminates definitively the message from the list, while with "USE POINT" it is possible to use point position with standard navigation functions (destination, directory - available if the message contains geographical coordinates and the navigation CD is inserted). With the "CALL" key, when present, it is possible to send a phone call directly to the number given in the message.

F0C2154g


fig. 164

F0C2155g


fig. 165

F0C2128g


fig. 166

### Generic information

The icon with "**i**" identifies messages with generic information (weather conditions, atmospheric events, etc.) **fig. 167**.

When one of these messages, without geographical information for location, is shown on the display, pressing the knob **22-fig. 1** only the "DELETE" option is available which allows it to be definitively deleted from the list.

F0C2156g

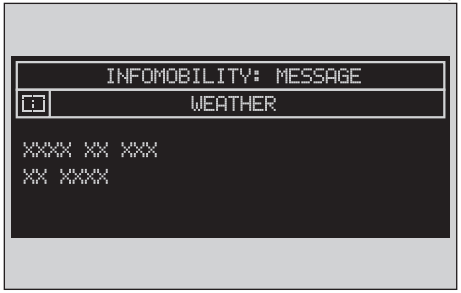



fig. 167

### "MEDICAL ADVICE" FUNCTION

Selecting "MEDICAL ADVICE" with the knob **22-fig. 1** and pressing it to confirm, after about 10 seconds a message calling for medical assistance is forwarded to the **Targasys** operator, completed with the position of the vehicle to allow it to be located.

Activating automatic medical assistance with the "Settings" function shown below, the message is sent simply pressing the **25-fig. 1** key, with no need to select the special function.

When automatic medical advice is enabled, to avoid accidental forwarding, the user has about 10 seconds, from pressing the **25-fig. 1** key, to interrupt the call; to block the call, simply press "ESC" **23-fig. 1**.

**IMPORTANT** The medical advice centre number cannot be set by the user.

### "ROADSIDE ASSIST." FUNCTION

Selecting the "ROADSIDE ASSIST." function on the "SOS" menu main page using the knob **22-fig. 1** and pressing it to confirm, after about 10 seconds a message calling for road assistance is sent to the **Targasys** operator, completed with the position of the vehicle to allow it to be located.

**IMPORTANT** The roadside assistance centre number cannot be set by the user.

**For both Roadside Assistance and Medical Advice calls, if transmission of the telematic call is not successful, the screen shown in fig. 168 will be displayed.**

## "PERSONAL NUMBER" FUNCTION

Selecting the "PERSONAL NUMBER" function on the "SOS" menu main page using the knob **22-fig. 1** and pressing it to confirm, automatically sends a phone call to a number set previously by the user.

The procedure for setting this number is described in the "SETTINGS" paragraph that follows.

## "EMERGENCY 112" FUNCTION

Selecting this function on the "SOS" menu main page using the knob **22-fig. 1** and pressing it to confirm, directly sends a call to the police force.

**IMPORTANT** "112" is the emergency call service for all the countries in which the public service is available. The "Emergency 112" call can always be activated, even if the telephone card is not inserted in the slot **27-fig. 1**.

## "SETTINGS" FUNCTION

Selecting this function on the "SOS" menu main page using the knob **22-fig. 1** and pressing it to confirm, opens a new screen with the "MEDICAL ADVICE", "PERSONAL NUMBER" and "CONNECT CODE" functions, **fig. 169**.

F0C2147g

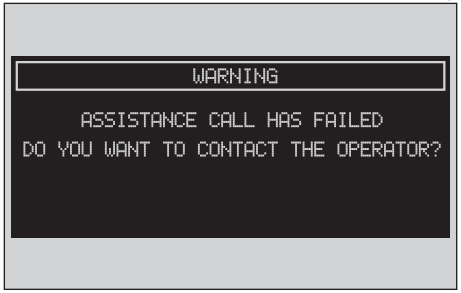



fig. 168

F0C2148g

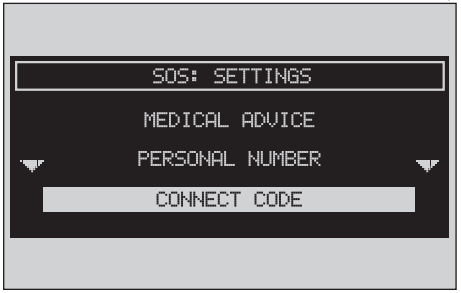



fig. 169

## MEDICAL ADVICE

The "MEDICAL ADVICE" function allows to activate or deactivate automatic sending of the medical call ("AUTO CALL" or "MANUAL CALL"), **fig. 170**.

When automatic medical call is enabled, this will be sent by the system about 25 seconds from when the user has pressed key **25-fig. 1,** with no need to do anything else.

If the user wishes to call for medical assistance when the function is disabled (manual call), it will be necessary to press key **25-fig. 1**, select "Medical advice" with the knob **22-fig. 1** and then press it to confirm.

If the function is enabled, pressing key **25-fig. 1**, automatically opens the screen with the "Automatic medical advice" function already highlighted: if the user does not move the cursor within 15 seconds using the knob **22-fig. 1** and call is not cancelled for other 10 seconds, the request for medical assistance will be forwarded automatically. If not, the call will not be sent and to activate it at a later time, the user will have to select again the "medical advice" function and then press the knob **22-fig. 1** to confirm.

## PERSONAL NUMBER

Selecting this function with the knob **22-fig. 1** and pressing it to confirm, it is possible to enter the number to be called when the "Personal number" **fig. 171** function is activated, on the screen that appears after pressing key **25-fig. 1** for the emergency call.

To enter the telephone number use keys **1 ÷ 9-fig. 1** (normally disabled).

F0C2149g

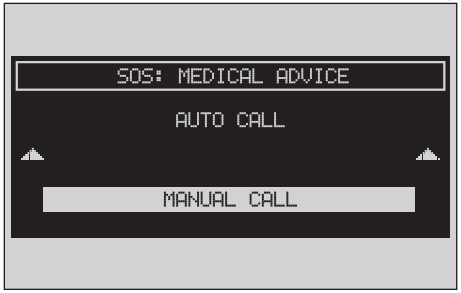



fig. 170

F0C2150g

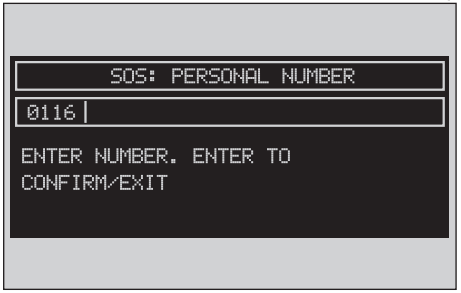



fig. 171

When entering the phone number, briefly press "ESC" **23-fig. 1** to delete the last entered digit and press it longer to delete the entire string.

CONNECT CODE

This allows to view the system terminal identification code **fig. 172**: this code shall be communicated to the **Targasys** centre when activating services. During subscription you will be given the activation and deactivation procedures of the Telematic Services offered by **Targasys**.

F0C2151g

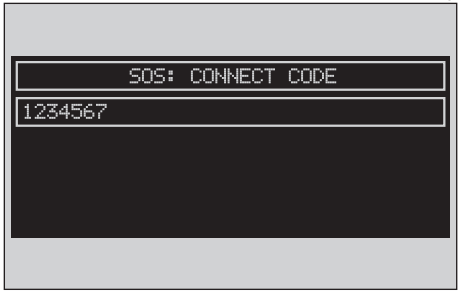



fig. 172

## CALLS FOR MEDICAL ADVICE OR ROADSIDE ASSISTANCE

During the forwarding of a call for assistance to the operating centre, any other operations activated are interrupted and the volume of any audio sources (except the phone) is muted. These conditions will be maintained as long as the call for assistance is active, with the corresponding screen on the display.

If a phone call is received while forwarding a request for assistance, the corresponding alert will not be shown on the display but the ringer will ring. If the user decides to accept the call and briefly presses the ↩ **13-fig. 1** key, the assistance call screen goes off the display.

**IMPORTANT** The call for assistance is always forwarded; however, if you accept the incoming call, the **Targasys** operator might have difficulty in contacting you since the number could be busy.

When the call has been sent, the display shows the corresponding call forwarded message for about 4 seconds.

If for any reason the call for assistance cannot be sent, the display shows a warning message and the user is then asked if he/she wants to activate a phone call in any case (*) to the operating centre to avail of the service required, even if in this case the operating centre will no longer be able to locate the vehicle.

(*) The call is normally made using the toll-free number, while it is at the user's expense if it is made in roaming conditions.

# FAULTS

The CONNECT system is able to detect both internal faults and faults due to overheating.

## INTERNAL FAULTS

If the system detects an internal fault on a certain module (audio, telephone, etc…), the system will "freeze" the last available screen and it will start diagnostics.

For a set period of time the system monitors the involved module for troubleshooting. If time-out expires with no result, the system will adopt the best repair action (e.g.: resetting involved module hardware).

## OVERTEMPERATURE FAULTS

If the temperature of a CONNECT system hardware module (audio, telephone, CD player, etc..) exceeds the max. limit, the involved module will detect overtemperature and the display will show a dedicated warning message.

The involved module will automatically be limited or disabled. In extreme cases the system is turned off automatically until regular operating temperature is restored. The display will show the screen in **fig. 173**.

F0D2129g


fig. 173

Press "ESC" **23-fig. 1** to quit; the involved module will feature limited functions as described in the following table:

| Hardware module | Application | Displayed message |
|---|---|---|
| Audio | Audio (Radio, CD)<br>Telephone (voice)<br>Navigator (voice)<br>Voice recognition (voice) | Limited audio volume |
| CD player | Audio (CD only)<br><br>Navigation | CD player OFF |
| Telephone | Cell phone, SOS | Telephone OFF (TEL OFF) |
| CONNECT | All | Whole system OFF |

### "Audio" module overheating

In case of "Audio" module overheating, current audio volume is automatically limited regardless of the current audio source (radio, CD).

The display will show a proper warning message.

### "CD player" module overheating

In case of "CD player" module overheating, no CD will be played: no audio CD or MP3 CD will be played and the navigation functions will not be guaranteed (unless navigation without CD has been previously activated).

The display will show a proper warning message.

### "Telephone" module overheating

In case of "Telephone" module overheating, the module is deactivated (TEL OFF), thus inhibiting information and assistance functions (SOS).

The display will show a proper warning message.

### CONNECT system auto-off

In case of excessive overtemperature, a warning message will inform the user that the auto-off procedure has been activated. The system can be switched on normally when regular operating temperature values are restored.

# CONNECT Nav+

# ADVICE, CONTROLS AND GENERAL INFORMATION

## ADVICE

### ROAD SAFETY

You are recommended to learn how to use the different functions of the CONNECT Nav+ and in particular of the radio (e.g. storing stations) before starting to drive.

***WARNING***

***Too high a volume when driving can put the driver's life at risk and that of other people. Therefore the volume should always be adjusted in such a way that it is always possible to hear the noises of the surrounding environment (e.g. horns, ambulance, police sirens, etc.).***

### RECEPTION CONDITIONS

Reception conditions change constantly when driving. Reception can be disturbed by the presence of mountains, buildings, bridges particularly when far away from the broadcaster received.

**IMPORTANT** When receiving traffic information the volume might be higher than normal.

### CARE AND MAINTENANCE

The structure of the CONNECT Nav+ ensures long years of operation with no need for particular maintenance. In the event of a fault, contact **Fiat Dealership**.

Some care must however be taken to ensure the complete efficiency of the CONNECT Nav+:

– the monitor is sensitive to scratching, liquid detergents and UV rays;

– liquids that penetrate inside may damage the device irreparably.

Clean the front panel and display only using a soft, dry antistatic cloth. Cleaning and polishing products may damage the surface.

**WARNING**

***Be careful not to knock the display with pointed or hard objects and avoid touching with the hands. Do not press on the display when cleaning and in the event of breakage do not touch the fluid that could come out. In case of contact with the skin wash immediately with water and soap.***

## IMPORTANT NOTES

– In the event of a fault the CONNECT Nav+ should be checked and repaired only by **Fiat Dealership**.

– In the case of particularly low temperatures the display might take a certain time to reach optimum brightness.

– In the case of prolonged parking with high outside temperature, the automatic thermal protection of the system may come into action suspending operation until the passenger compartment temperature falls to acceptable levels.

## SYSTEM SOFTWARE UPDATING

When new versions are available for the software of the navigation module of the CONNECT Nav+, the system can be updated to benefit of the improvements made for controlling certain functions. Software updating is to be seen to by specialised staff of the **Fiat Dealership**.

## COMPACT DISC

If a Compact Disc is used on the sound system, remember that the presence of dirt or marks on Compact Discs may cause skipping when playing and poor sound quality. The same happens if Compact Discs are bent by accident.

**IMPORTANT** Never use 8 mm audio CDs, even with the specific adapter, since this format will damage the system.

To obtain optimum playing conditions we give the following advice:

– Only use Audio Compact Discs with the brand:


– Carefully clean all Compact Discs of any fingerprints and dust using a soft cloth. Support Compact Discs on the edges and clean from the centre outwards.

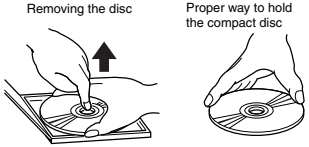
– Never use chemical products for cleaning (e.g. spray cans, antistatics or thinners) as they might damage the surface of Compact Discs.

– After listening to them put Compact Discs back in their boxes to avoid marking or scoring which could cause skipping when playing.

– Do not expose Compact Discs to direct sunlight, high temperatures or damp for prolonged lengths of time to prevent them from bending.

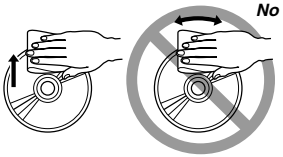
– Do not stick labels or write on the recorded surface of Compact Discs.

To remove a Compact Disc from its container, press on the centre and raise the disc holding carefully from the edges.

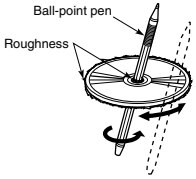



Always hold a Compact Disc by the edge. Never touch the surface.

To remove fingerprints and dust, use a soft cloth starting from the centre of the Compact Disc towards the circumference.



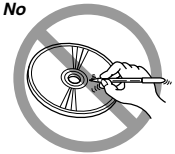

New discs may be rough around the edges. When using these discs the player might not work or the sound might skip. To remove roughness from the edge of a disc use a ball-point pen, etc.



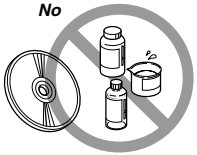

**IMPORTANT** Do not use the protective sheets for CDs in commerce or discs with stabilisers, etc. as they might get stuck in the internal mechanism and damage the disc.

### Notes about Compact Discs

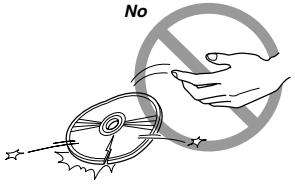
Do not stick labels on the surfaces of a Compact Disc or write on the surface with pens or pencils.



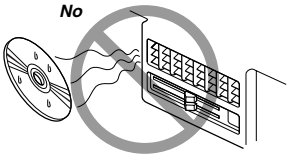

Do not use solvents such as stain removers, antistatic sprays or thinners in commerce for cleaning Compact Discs.




Do not use highly scratched, cracked or distorted Compact Discs. This could damage the player or prevent it from working properly.




Do not expose Compact Discs to direct sunlight or any other source of heat.



# BUTTONS AND SELECTORS

**IMPORTANT For safety purposes, when the vehicle is moving, certain functions, selections and/or settings described in this Handbook are inhibited: in this case the display will show the relevant keys in grey, i.e. in "deactivated mode".**

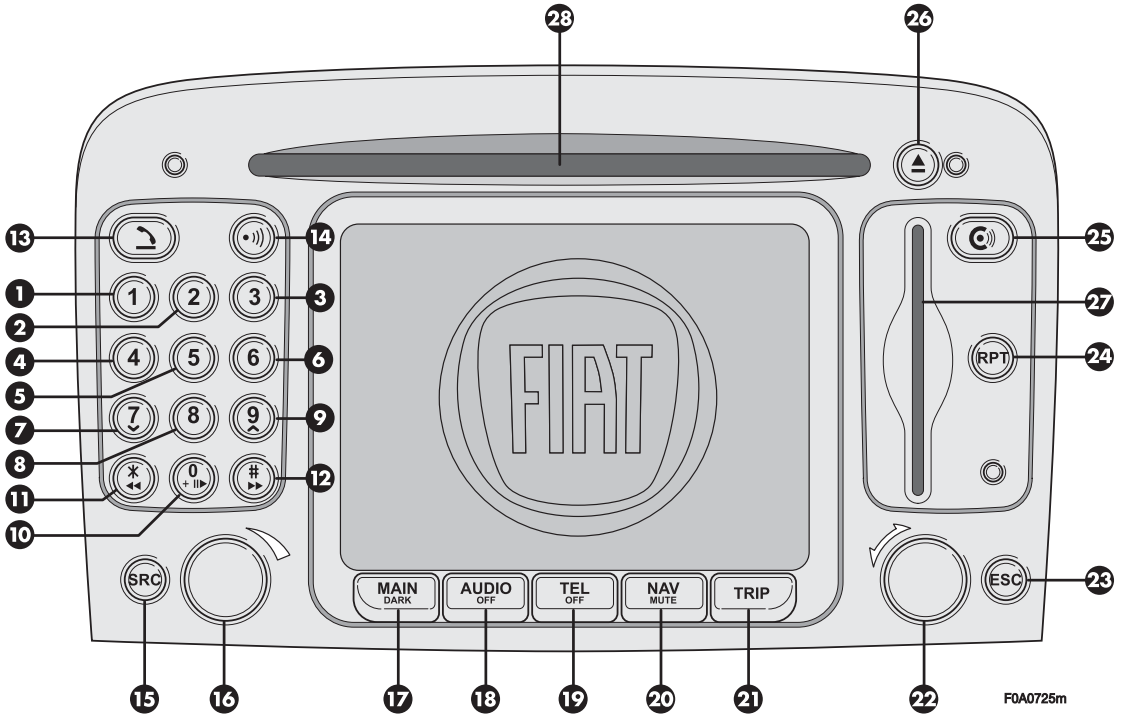



fig. I

Certain controls have multiple functions which depend on the system operating conditions active. Turning on the function chosen is in some cases controlled by the push duration (short or long), as shown in the following table.

| Legend | Short push function (less than 1 second) | Long push function (more than 1 second) |
|---|---|---|
| **1 - 2 - 3 4 - 5 - 6** | Numbers “1”, “2”, “3”, “4”, “5”, “6” of phone keypad<br>Calling stored stations | Storing stations no.1-2-3-4-5-6 |
| **7** | Number “7” of telephone keypad | – |
| **8** | Number “8” of telephone keypad | – |
| **9** | Number “9” of telephone keypad | – |
| **10** | Number “0” of telephone keypad<br>Play/Stop audio CD | Pause in playing an audio CD |
| **11 - *** | Symbol (*) of telephone keypad<br>Radio mode: seeking first station that can be tuned with lower frequency<br>CD mode: select previous track | – |
| **12 - #** | Symbol (#) of telephone keypad<br>Radio mode: seeking first station that can be tuned with higher frequency<br>CD mode: select next track | – |
| **13 -** ↩ | Forwarding the phone call set Refusing the incoming call<br>Accepting the incoming call<br>Ending the call in progress | |
| **14 -** •))) | Voice recognition function on/off | Voice command memo |

| Legend | Short push function (less than 1 second) | Long push function (more than 1 second) |
|---|---|---|
| **15 - SRC** | Operating mode choice: FM1-FM2-FM3-LW-MW-CD | – |
| **16** | System on/off (pressing the knob) Volume control (turning the knob) | – |
| **17 - MAIN/DARK** | Selecting main screen | Darkening monitor (stand-by) |
| **18 - AUDIO/OFF** | Selecting radio screen. Turning radio on | Turning radio off |
| **19 - TEL/OFF** | Selecting phone screen. Turning telephone on | Turning telephone off |
| **20 - NAV/MUTE** | Selecting navigation function | Excluding navigator voice messages (NAV/MUTE function) Reset voice messages |
| **21 - TRIP** | Selecting computer screen | – |
| **22** | Selecting functions (turning the knob). Confirming selected function (pressing the knob). Drop-down menu on (pressing the knob with MAIN or navigation screen) | – |
| **23 - ESC** | Exit screen selected. Return to higher level of menu, deleting functions that have not been confirmed | – |
| **24 - RPT** | Repetition of last navigator voice instruction | – |
| **25 -** | Display of Information and Assistance Services menu | – |
| **26 -** ⏏ | Eject navigator CD-ROM or Audio CD | – |
| **27** | Slot for SIM telephone card | – |
| **28** | Slot for navigator CD-ROM and Audio CD | – |

# GENERAL INFORMATION

## IMPORTANT NOTES FOR USE AND ROAD SAFETY

To avoid creating dangerous situations for yourself and others in use of the system, please pay attention to the following points:

– the CONNECT Nav+ must be used keeping full control of the vehicle; in the case of doubt in the use of the functions, it is necessary to stop before performing the various operations;

– use of the cell phone is prohibited near explosive substances.

The navigation system allows you to reach your destination, indicating each route change stored on the navigation CD-ROM. In fact, in calculating the route, the system takes into account of all the information stored concerning the roads, advising the best route. However it cannot take account of the traffic, sudden interruptions or any other inconvenience.

***WARNING***

***The navigation system helps the driver while driving by suggesting, vocally and graphically, the best route to be followed to reach the preset destination. The suggestions given by the navigation system do not exempt the driver from full responsibility due to driving behaviour and compliance with road and other traffic regulations. The responsibility for road safety always and anyway lies with the vehicle's driver.***

In carrying out any manoeuvre it is always necessary to follow the rules of the road, regardless of the advice given by the navigation system. If you leave the suggested route, the navigation system will calculate a new one and suggest it to you.

## GENERAL INFORMATION

The CONNECT Nav+ controls and provides information for the following systems and functions:

– Radio with CD-ROM or Audio CD player

– GSM Dual Band cell phone with voice commands

– Navigation system

– On-board computer

– Information and assistance services.

The interface is the multifunction information display for all the integrated components.

## MULTIFUNCTION INFORMATION DISPLAY

The colour display comprises a 5" TFT (approx. 7.5 x 10.3 cm) and 320H x 234V pixel screen.

The display brightness can be changed depending on the environment conditions and the driver's requirements, storing two settings, day and night, according to the settings performed in the "Setup / Setup-CONNECT / Day brightness – Night brightness".

Brightness can be switched from day to night and vice versa if external lights are on and if light conditions in the passenger compartment are compatible.

## SYSTEM SWITCHING ON/OFF AND STAND-BY

The system may be in one of the following conditions:

– off, with all functions disabled;

– normal status, with all functions active or activatable;

– stand-by, with functions partially active and screen darkened.

### Switching the system on

The system is turned on automatically turning the ignition key to **MAR**.

When the ignition key is at **STOP** or removed, the system is turned on pressing the knob **16-fig. 1** or key **25-fig. 1** for the "Emergency call" (to use the phone it is necessary to enter the PIN code).

### Switching the system off

The system is turned off automatically when the ignition key is moved to **STOP**. The conditions and functions active before turning off are memorised and brought back the next time the engine is started.

Turning off is delayed if a phone call, an "Emergency call" or a voice command language change is in progress, and it will take place after about 20 minutes if the call is over or, if not at the end of it.

If the system was turned on with the knob **16-fig. 1** or key **25-fig. 1**, with the ignition key at **STOP** or removed, it is turned off pressing the knob again **16-fig. 1** or automatically after 20 minutes, to preserve the battery.

### Stand-by (Dark)

During operation with the ignition key engaged, the system may be set to stand-by with a prolonged press on the "MAIN" key **17-fig. 1**. This operating condition (Dark) corresponds to a dark screen with the volume off, but the system continues working invisibly, therefore the phone is ready to receive.

If during stand-by the limit of an active function is exceeded, the corresponding warning will be shown.

To bring the system back to the normal operating condition, briefly press the "MAIN" key **17-fig. 1** or key **25-fig. 1** for the "Emergency call" (to use the phone it is necessary to enter the PIN code).

## CHOOSING THE OPERATING MODE

The operating mode is selected pressing one of the following keys **fig. 1**:

– MAIN key **17** = MAIN SCREEN

– AUDIO key **18** = RADIO WITH CD PLAYER

– TEL key **19** = TELEPHONE

– NAV key **20** = NAVIGATOR

– key **14** = VOICE RECOGNITION

– TRIP key **21** = ON-BOARD COMPUTER

– key **25** = CALL FOR INFORMATION AND ASSISTANCE.

For each operating mode the corresponding menu is shown on the display.

## CHOOSING THE MENU FUNCTIONS

The different operating modes of the CONNECT Nav+ allow access to different menus, with functions that in turn show other submenus on the display and so on.

The procedures for choosing and confirming the functions of the different menus and submenus are however the same and they are described below.

To go back to the previous screen from a submenu or to exit the various operating modes, press "ESC" **23-fig. 1**.

### Choosing a function

To select a function of the menu on the display, simply turn the knob **22-fig. 1** in one of the two directions until showing the function required.

### Confirming the function chosen

To confirm the function selected, press the knob **22-fig. 1**.

**IMPORTANT** On the menu or submenu pages showing "OK", to store the functions chosen it is necessary to exit the corresponding screen confirming the "OK" function. Leaving the page of the menu or submenu with the "ESC" key **23-fig. 1**, the previous functions are restored instead of the new settings.

## VOLUME ADJUSTMENT

To increase the volume: turn the knob **16-fig. 1** clockwise.

To lower the volume: turn the knob **16-fig. 1** counter-clockwise.

During adjustment, the volume level is shown graphically on the display (only in the main menu of audio sources).

**IMPORTANT** The volume of PTY31 Alarm/Traffic Announcement (TA), telephone, telephone ringer and voice recognition can be adjusted separately.

***WARNING***

***Too high a volume may be a danger for the driver and for other persons in the traffic. The volume should therefore always be adjusted in such a way as to still be able to hear the noises in the surrounding environment (for example horns, ambulances, police cars, etc.).***

### Automatic volume lowering during phone calls

During phone calls, the radio volume is turned down automatically and the screen shows the telephone symbol.

### MUTE function (turning down the audio volume)

To turn off the volume of the audio system (Radio, CD), with any operating mode on (MAIN, NAV, TRIP), keep the button **18-fig. 1** pressed; this way the radio turns off and the display shows the wording "Audio OFF". To turn the radio on again, briefly press the button **18-fig. 1**, thereby turning the audio function on again with the corresponding screen.

### NAV MUTE function (excluding navigator voice messages)

To turn off the navigator voice instructions keep the "NAV" key pressed **20-fig. 1**. The volume will lower gradually (Soft Mute function) and the display will show the wording "NAV MUTE".

To turn off the NAV MUTE function press the "NAV" key **20-fig. 1** at length: the volume will gradually increase (Soft Mute function) returning to the value set previously.

With the NAV MUTE function on, all the other navigator functions are usable and if traffic information is received with the TA function on or an emergency alarm is received the message ignores the MUTE function.

### Soft Mute function

When the MUTE function (audio system) or NAV MUTE (navigator) is turned on or off, the volume lowers or highers gradually (Soft Mute function). The Soft Mute function is also turned on pressing one of the six preset keys **1 ÷ 6 fig. 1**, key **11-fig. 1** or key **12-fig. 1** for tuning radio stations.

## PROTECTION AGAINST OVERHEATING

The components of the telematic system are protected against overheating. The device stops it from working when the temperature of the module exceeds the established limit.

In this case the function activated by the module that has reached the temperature limit is switched off and the display shows a warning message for the user.

To resume the interrupted function, the user should wait for the temperature of the module to fall below the limit; this condition will be indicated by the message going off from the display followed by the reactivation of the function.

Conversely, to exit the screen with the message immediately and activate a different function, press "ESC" **23-fig. 1**.

# MAIN SCREEN (MAIN)

With the main screen it is possible to display the most important system data without offering options **fig. 2**.

The MAIN screen is shown turning the ignition key to **MAR** and/or pressing key **17-fig. 1** and it provides the following information for the various active functions.

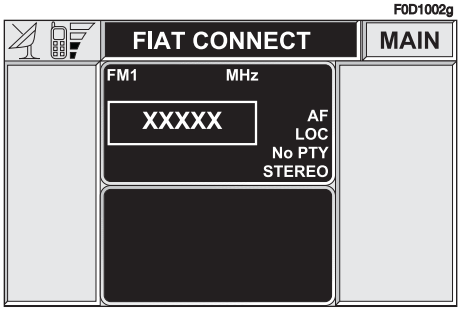



fig. 2

## RADIO

When the radio is on the following are shown on the display:

– chosen frequency band and station;

– station name and frequency after tuning;

– frequency only, during station seek;

– "TA" if the traffic information reception system is on;

– "TP" if the station selected is enabled to broadcast traffic information;

– "EON" in the case of reception of EON information (Enhanced Other Network);

– "AF" if the alternative frequency seek function is on;

– "DX/LOC" depending on the sensitivity set for radio station seeking;

– "STEREO/MONO" depending on the type of broadcasting of the station chosen;

– name and frequency of the stations stored with preset keys from 1 to 6.

## COMPACT DISC PLAYER (CD)

When the CD player is working the display shows the following:

– track number (number of track being played);

– "TA" if the traffic information reception function is on.

## TELEPHONE

When the telephone is working the following are shown on the display:

– name of telephone network access provider and field strength;

– name or telephone number and duration of conversation during a call;

– remaining credit available on phone card (if available by network provider);

– symbols and wordings associated with the phone settings:

call ringer off

"forwarding" function on

"disable" function on

telephone off or no network

SMS message received, not read;

– display of "SIM absent" warning if the SIM card is not inserted;

– display of "enter PIN" or "faulty card" or "seek network" or "emergency only" or "enter PUK" message depending on the case;

– display of "dialling interrupted" warning in the case of momentary interruption of call;

– display of "call over" warning;

– display of "no connection" warning for interruption of connection from the network;

– display of "number busy" warning;

– display of "no answer" warning.

# DROP-DOWN MENU

Pressing the knob **22-fig. 1** when the display shows the main screen, a hidden menu appears **fig. 3** which contains the following functions:

– Memorize

– Setup.

To clear the menu from the display, press the "ESC" key **23-fig. 1**.

## "MEMORIZE" FUNCTION

With this function it is possible to listen to and if necessary delete the voice messages recorded by the user. For the voice message recording procedure, refer to the paragraph "Voice messages" in the chapter "VOICE RECOGNITION".

Selecting and confirming "Memorize" with the knob **22-fig. 1** from the hidden menu, a submenu is shown with the following options **fig. 4**:

– Listen

– Delete.

The "Listen" function is used to hear the recorded voice messages again; hearing is sequential with no possibility to skip the messages, always beginning from the first recorded message.

Message deletion involves all recorded messages and is activated by selecting the "Delete" function and confirming the option by entering "YES".

## "SETUP" FUNCTION

With the "Setup" function of the hidden menu it is possible to access a new screen "Commands&Set" with the following system adjustment functions **fig. 5**:

– Setup-CONNECT;

– Fleet management;

– Speed limit alarm;

– Modem.

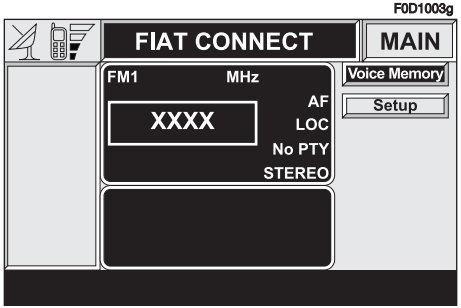



fig. 3

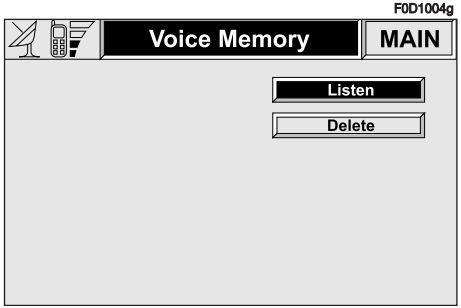



fig. 4

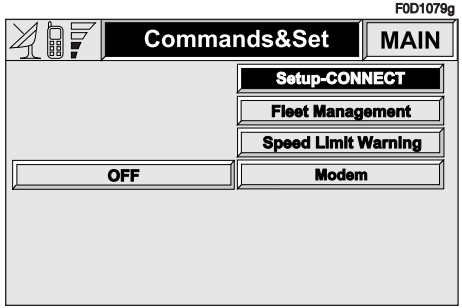



fig. 5

## FLEET MANAGEMENT

When choosing this function, the CONNECT Nav+ sends automatically SMS messages (to a suitable preset receiver, e.g. a control centre) describing the position of the vehicle mounting the CONNECT Nav+.

SMS messages are structured as follows:

– vehicle location (latitude and longitude)

– city (only with navigation CD inserted; if no CD is inserted, the field is empty)

– street (only with navigation CD inserted; if no CD is inserted, the field is empty)

– time and date

– vehicle ID (number plate).

**Example**: LT:-2.30000;LG:-2.40000; #Benevento;#
Via Basilio Giannelli;#S:30;M:20; H:19;ND:2;D:02;MH:10;Y:2001;#BR757AM;#

| | |
|---|---|
| Latitude: | -2.30000 |
| Longitude: | -2.40000 |
| City: | Benevento |
| Street | Via Basilio Giannelli |
| Time and date | hour19,20 minutes, 30 seconds Tuesday 2/10/2001 |
| Number plate | BR757AM |

If the navigation CD is inserted, the vehicle position is processed matching coordinates with system maps.

In any case, navigation CD absence, does not impair system operation.

The system will send the SMS message even if the GPS coverage is temporarily missing; in this case the vehicle position is calculated through the "dead reckoning" procedure.

To activate the Fleet Management function, proceed as follows:

– press the "MAIN" button **17-fig. 1** to display the main screen;

– select and confirm "Setup" by rotating and pressing the knob **22-fig. 1**; the display will show the "Commands&Set" menu;

– select and confirm "Fleet management" **fig. 6** by rotating and pressing the knob **22-fig. 1** the screen shown in **fig. 7** will be displayed;

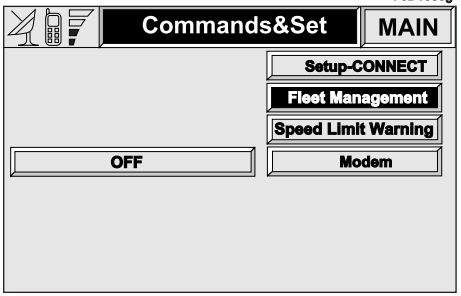



fig. 6

– select and confirm "Sending mode" by rotating and pressing the knob **22-fig. 1**; the screen shown in **fig. 8** will be displayed;

– select and confirm "On" (or "Off" if you want to deactivate it) by rotating and pressing the knob **22-fig. 1**;

– turn the knob **22-fig. 1** to select "Event mode" then press the knob to confirm; the condition shown in **fig. 9** will be displayed;

– turn the knob **22-fig. 1** to select "Route (km/mi)" or "Time (hours)" then press the knob to confirm.

**IMPORTANT** km (kilometres) or mi (miles) can be selected in the "Set-up / Setup-CONNECT / Distance units" menu.

Selecting "Route (km/mi)" the message will be sent at the number of km or miles set in "Data frequency send"; selecting "Time (hours)" the message will be sent at the number of hours set in "Data frequency send";

– turn knob **22-fig. 1** to select "Data frequency send" then press to confirm; according to the previously set parameter (Route or Time) the display will show the screen in **fig. 10** or in **fig. 11**;

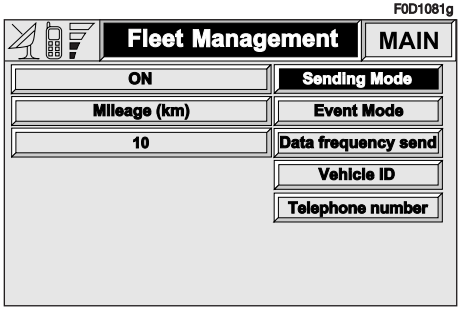



fig. 7

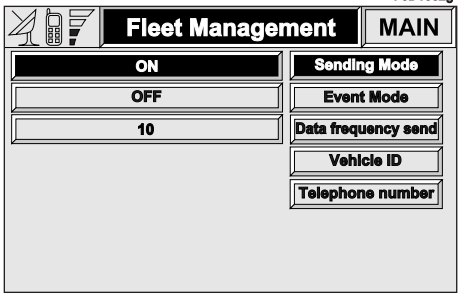



fig. 8

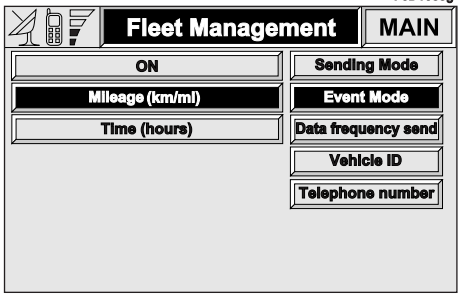



fig. 9

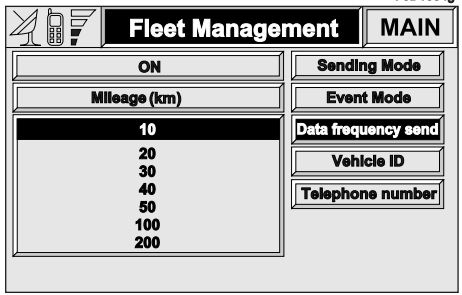



fig. 10

– turn knob **22-fig. 1** to select the required value, then press to confirm;

– turn knob **22-fig. 1** to select "Vehicle ID" then press to confirm; the display will show the screen in **fig. 12** and the keypad for typing in the vehicle identification data (e.g.: number plate); turn knob **22-fig. 1** to select in sequence the required digits and/or letters, then press each time to confirm the character. Once you have completed the vehicle ID, select "OK" and press knob **22-fig. 1** the display will return to the initial screen and the field near "Vehicle ID" will show the entered alphanumeric string;

– turn knob **22-fig. 1** to select "Center number" then press to confirm; screen shown in **fig. 13** will be displayed together with the alphanumeric keypad for dialling the required telephone number to which SMS shall be sent; turn knob **22-fig. 1** to select in sequence the required numbers and press it to confirm each time. Once you have completed the telephone number, select "OK" and press the knob **22-fig. 1**; the display will return to the initial screen and the field near "Telephone number" will show the entered number;

– turn knob **22-fig. 1** to select "OK" **fig. 14** then press the knob to confirm settings; the display will return to the initial screen.

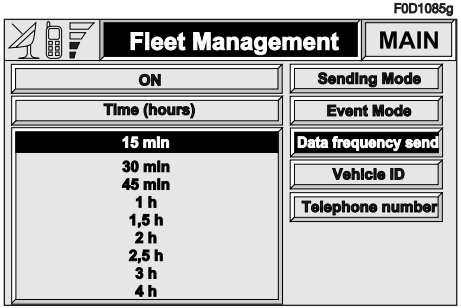



fig. 11

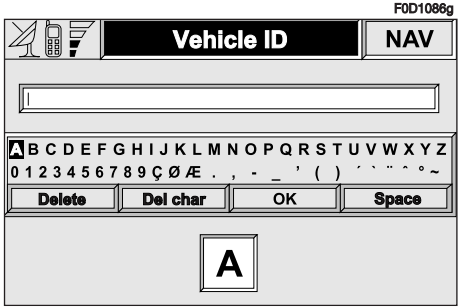



fig. 12


fig. 13

### Operation requirements

The "Fleet management" function is operational if the following conditions are present:

– "Fleet management" function active;

– service centre telephone number entered;

– vehicle ID entered;

– frequency set (**time** or **route**);

– CONNECT Nav+ on;

– SIM card inserted;

– sufficient credit;

– GSM coverage.

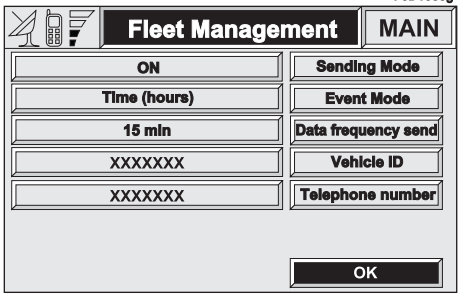



fig. 14

### Failing message sending

Should one or more of the following conditions - e.g.: CONNECT Nav+ off, SIM card not inserted or disabled, insufficient GSM coverage - take place when sending SMS messages, their regular transmission will be impaired.

In this case the system will store the messages and send them later (max. 10 messages) when normal operating conditions are restored.

**IMPORTANT** More particularly, the condition of CONNECT Nav+ off will store the messages with incorrect position, since the first position present at system switching on will be detected.

### SPEED LIMIT ALARM

When the preset vehicle speed limit threshold is overcome, the CONNECT Nav+ will warn the driver by a buzzer and a warning message on the display. The "Speed limit warning" has priority on whatever message and stays on for 3 seconds from the moment in which the speed limit is overcome.

To activate this function, proceed as follows:

– press the "MAIN" button **17-fig. 1** to display the main screen;

– press knob **22-fig. 1** and turn it to select "Setup" then press again to confirm; the display will show the "Commands&Set" menu;

– turn the knob **22-fig. 1** to select "Speed limit alarm" **fig. 15** then press the knob to confirm; the display will show the screen in **fig. 16**;

– proceed as follows for the required settings:

**a**) turn the knob **22-fig. 1** to select "Alarm" then press the knob to confirm;
the display will show the screen in **fig. 17**;

**b**) turn the knob **22-fig. 1** to select "ON" (or "OFF" to deactivate this function) then press the knob to confirm;

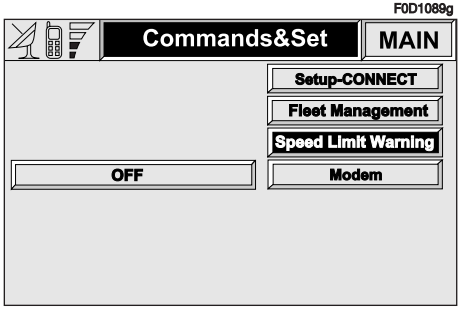


fig. 15

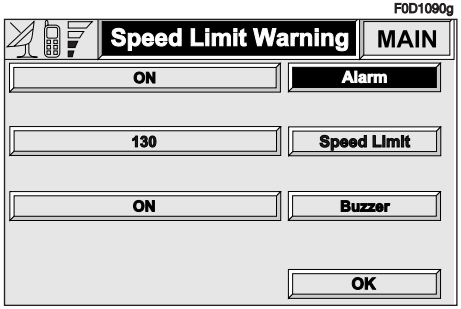


fig. 16

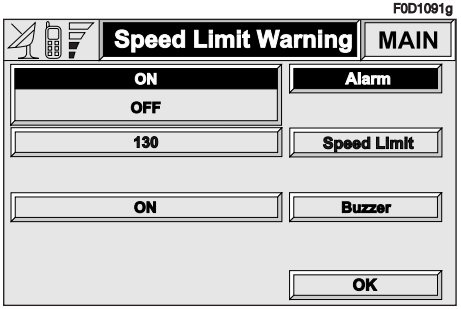


fig. 17

**c**) turn the knob **22-fig. 1** to select "Limit" **fig. 18** then press and turn the knob to change the highlighted value, this value varies by steps = 5. The numerical value is included in the following speed range: 30 to 250km/h or 20 to 155mph according to the unit set in the "Setup / Setup-CONNECT / Distance units" menu;

**d**) turn the knob **22-fig. 1** to select "Buzzer" **fig. 19** then press the knob to confirm; the display will show the screen in **fig. 20**.

**e**) turn the knob **22-fig. 1** to select "ON" (or "OFF" to mute the buzzer) then press the knob to confirm.

**IMPORTANT** With buzzer "OFF", when the speed limit is overcome the buzzer will not sound.

– after performing the required settings turn the knob **22-fig. 1**, and select "OK" **fig. 21** then press to confirm; when overcoming the speed limit, the condition shown as example in **fig. 22** (there 130 is assumed as the overcome speed limit) will be displayed.

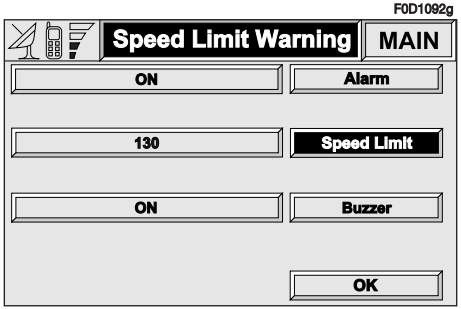



fig. 18

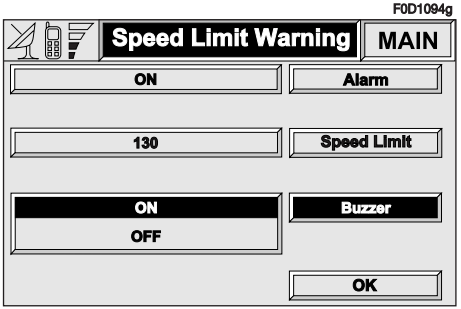



fig. 20

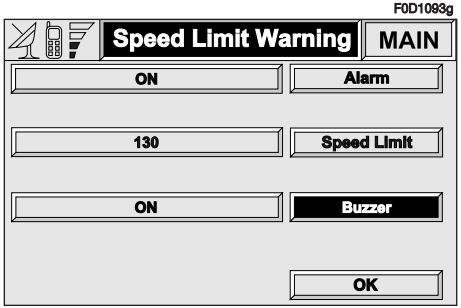



fig. 19

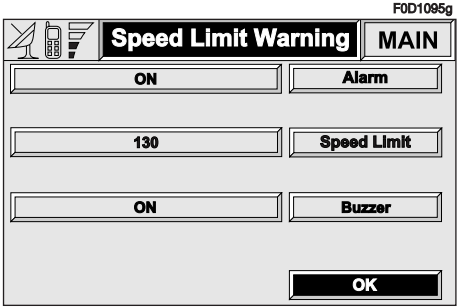



fig. 21

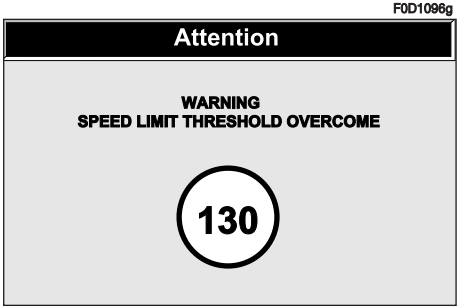



fig. 22

## MODEM (data interface)

**IMPORTANT** The MODEM function is not supported by system.

## SETUP-CONNECT

Choosing this function, a screen with the following system setup functions is displayed **fig. 23**:

– Daytime brightness

– Nighttime brightness

– Colours

– Voice language

– Text language

– Distance units.

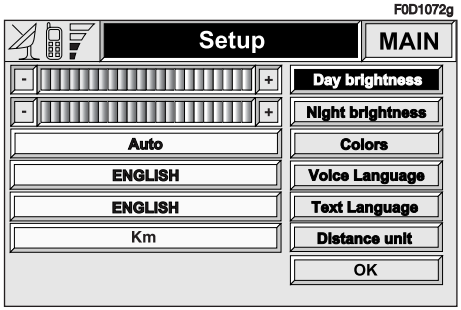



fig. 23

"Daytime brightness" or "Nighttime brightness" selected and confirmed with knob **22-fig. 1**, enable to vary the display brightness in the provided value range.

"Colours" is used to select display setting between "Day", "Night" and "Automatic". "Automatic" enables automatic switching from day to night (and vice versa) when turning the external lights on/off and according to the light intensity in the passenger compartment.

Selecting "VR language" will enable to set the language for the voice recognition only.

– ITALIANO

– DEUTSCH

– ENGLISH

– ESPÃNOL

– FRANÇAIS

– PORTUGUÊS

– NEDERLANDS.

To change the CONNECT Nav+ language, set the required language and the press "OK" to confirm.

A special message will then be displayed, asking the user to insert the provided SETUP CD or to wait if the SETUP CD is already inserted. A series of messages will inform the user about procedure progress and end:

it is essential to not "disturb" the system during this operation.

Do not start the engine or disconnect the battery during the language change operation.

Should this take place, the first time you turn the CONNECT NAV+ on, a special message will be displayed communicating that the language change operation shall be concluded inserting the SETUP CD:

"WARNING: Language change failed. Repeat procedure".

Distance units: this selection enables to set the required unit (see "Onboard computer" - TRIP). Two selections are possible: km or mi, that can be activated by turning knob **22-fig. 1**; then press to confirm. Performed selection will be immediately displayed.

To quit the "Setup" screen and save the chosen settings, select and confirm "OK" with the knob **22-fig. 1**.

The audio system is turned on by pressing briefly the "AUDIO" key **18-fig. 1** which displays the main functions of the radio **fig. 24**.

Keeping key **18-fig. 1** pressed longer, with the audio system on and any operating mode active, the MUTE mode is switched on: this way the radio is turned off and the display shows the message "Audio OFF".

To turn the radio on again, briefly press key **18-fig. 1**, thus reactivating the audio function with the corresponding screen.

Through the audio system of the telematic system it is possible to control:

– RDS radio with FM/AM reception;

– Compact Disc player.

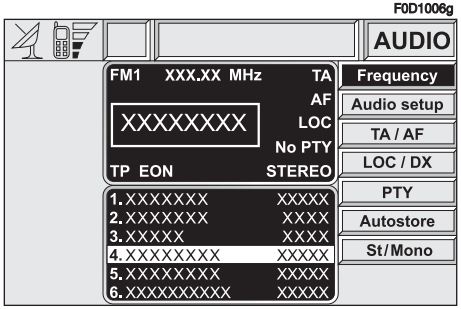



fig. 24

## SCREEN OPTIONS AND FUNCTIONS

Pressing repeatedly the "SRC" key **15-fig. 1** the available audio sources are displayed cyclically:

– Radio (FM1, FM2, FM3, LW, MW)

– CD (if the CD is inserted).

The audio source is automatically changed in one of the following cases:

– broadcasting of traffic information, if the TA function is on and an enabled station is tuned (TP)

– phone call

– receiving a phone call

– voice recognition function activation

– insertion of a CD.

# "AUDIO SETUP" FUNCTION
## (AUDIO ADJUSTMENTS)

The audio parameters described in this paragraph can be activated and adjusted with all the audio sources (Radio, CD).

Select and confirm "Audio setup" from the main menu of one of the audio sources, turning and pressing the knob **22-fig. 1**.

The adjustments available are **fig. 25**:

– Treble

– Bass

– Loudness

– Equalizer

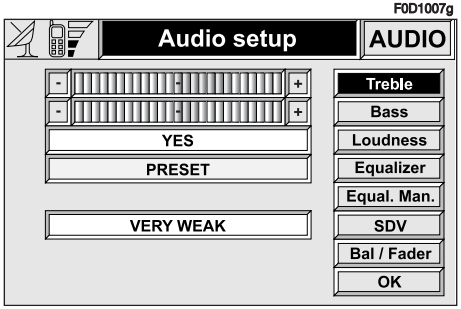



fig. 25

– Equal. Man.

– SDV

– Bal/Fader.

Select and confirm "OK" to go back to the previous screen saving settings and press "ESC" **23-fig. 1** to go back to the previous screen without saving settings.

## TREBLE ADJUSTMENT (TREBLE)

Proceed as follows:

– choose and confirm the "Treble" function with the knob **22-fig. 1**;

– turn the knob **22-fig. 1** right to increase the treble tones or left to reduce them.

At the end, press knob to confirm setting and continue with the other parameter settings.

## BASS ADJUSTMENT (BASS)

Proceed as follows:

– choose and confirm the "Bass" function with the knob **22-fig. 1**;

– turn the knob **22-fig. 1** right to increase the bass tones or left to reduce them.

At the end, press knob to confirm setting and continue with the other parameter settings.

## "LOUDNESS" FUNCTION

The "Loudness" function improves the level of the sound when listening at low volume, increasing the bass and treble tones.

To turn the function on and off, select it with the knob **22-fig. 1** then press the knob. The function status (on or off) is shown on the display by wording "YES" or "NO".

## "EQUALIZER" FUNCTION

With this function it is possible to choose, among the predefined equalizer settings, the most appropriate one for the music being listened to.

The predefined settings are **fig. 26**:

– PRESET = standard setting

– ROCK = setting for Rock music

– JAZZ = setting for Jazz music

– CLASSIC = setting for classical music

– USER = personalised settings.

To activate the chosen setting, proceed as follows:

– choose and confirm the "Equalizer" function turning the knob **22-fig. 1**;

– turn the knob again **22-fig. 1** to select the setting chosen, then confirm pressing the actual knob.

The equalizer setting active is shown on the display.

## "EQUAL. MAN." FUNCTION

This function allows manual adjustment of the 5 equalizer frequency bands and deactivates the treble and bass settings (Treble/Bass).

Proceed as follows **fig. 27**:

– choose and confirm the "Equal. Man" function turning the knob **22-fig. 1**;

– turn the knob again **22-fig. 1** to select the "sliding regulator" of the frequency band to be adjusted, then confirm pressing the knob;

– adjust the band selected turning the knob **22-fig. 1**, then press the actual knob to confirm the adjustment and go to the next band;

– after adjusting all the bands, choose and confirm "OK" with the knob**22-fig. 1** to go back to the previous screen. If "ESC" is pressed **23-fig. 1** you go back to the previous screen with the settings stored previously.

When the user equalizer adjustment is set, the display shows the word "USER".

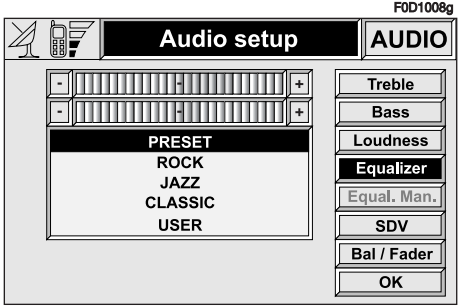



fig. 26

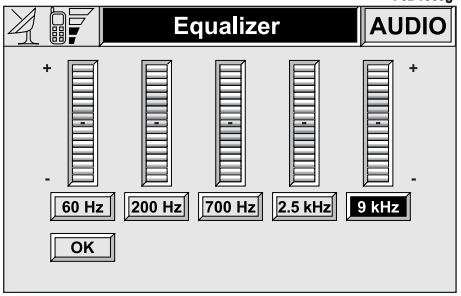



fig. 27

## "SDV" FUNCTION (VOLUME CHANGING WITH SPEED)

With the SDV function it is possible to automatically adjust the radio volume level to the speed of the vehicle, increasing it as the speed increases to maintain the correct ratio with the noise level in the passenger compartment.

The adjustment levels available are **fig. 28**:

– OFF (function off)

– VERY WEAK

– WEAK

– MEDIUM

– STRONG

– VERY STRONG.

To turn the function on/off or enter the setting, proceed as follows:

– choose and confirm the "SDV" function turning and pressing the knob **22-fig. 1**;

– turn the knob again **22-fig. 1** to select a setting or turn the function off, then press the actual knob.

## "BAL/FADER" FUNCTION (SOUND DISTRIBUTION)

The "Bal/Fader" function shows a schematic representation of the position of the speakers in the vehicle (left/right and front/rear). Sound distribution is represented by a small square cursor.

To adjust sound distribution, proceed as follows **fig. 29**:

– choose and confirm the "Bal/Fader" function turning and pressing the knob **22-fig. 1**;

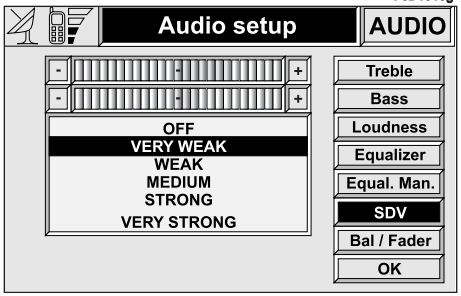



fig. 28

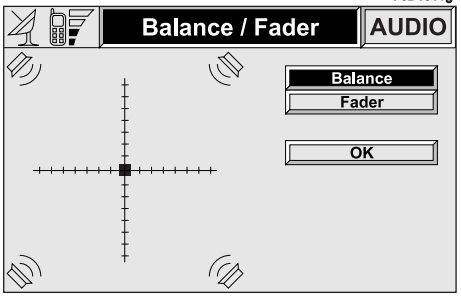



fig. 29

– turn and press the knob **22-fig. 1** to select and confirm "Balance", the function that changes the sound distribution in the passenger compartment between the right and left speakers;

– turn the knob **22-fig. 1** to change the sound distribution in the passenger compartment between the right and left speakers, then press the knob to confirm the adjustment.

In the same way, choose and confirm the "Fader" function to change the sound distribution between the front and rear speakers.

After adjustment, select "OK" with the knob **22-fig. 1** and then press it to confirm the setting and to go back to the previous screen. If "ESC" **23-fig. 1** is pressed you go back to the previous screen with the settings stored previously.

# RADIO MODE

Selecting the Radio source with the "SRC" key **15-fig. 1**, will display the following options **fig. 30**:

– Frequency

– Audio setup

– TA/AF

– LOC/DX

– PTY

– Autostore

– St/Mono.

The radio is always set to receive stations in the RDS (Radio Data System) mode.

## "FREQUENCY" FUNCTION (TUNING STATIONS)

### Manual tuning

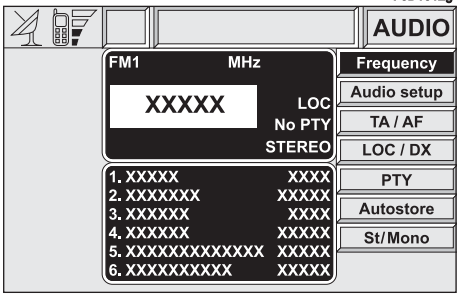
This allows manual station searching in the chosen band.

Proceed as follows:

– select the frequency band (FM1, FM2, FM3, MW or LW) pressing the SRC key **15-fig. 1** repeatedly;

– turn the knob **22-fig. 1** right or left to start the manual search for the higher or lower frequency.

F0D1012g




30

### Automatic tuning

This function seeks automatically stations in the chosen band.

Proceed as follows:

– select the frequency band (FM1, FM2, FM3, LW or MW) pressing repeatedly the SRC key **15-fig. 1**;

– Press key **11-fig. 1** o **12-fig. 1** to start the automatic search for tuning the next station that can be received in the direction chosen, respectively lowering or highering the frequency; the display will show "SEEK".

If the "TA" function is on (traffic information), the tuner only seeks stations that broadcast traffic bulletins.

If the "PTY" function is on, the tuner only seeks PTY stations.

### Manual station storage

The station being heard can be stored in the range chosen with keys **1 ÷ 6-fig. 1**.

Keep one of these keys pressed until the display shows the number of the key with which the station has been stored.

### Listening to stored stations

Proceed as follows:

– choose the required frequency band
(FM1, FM2, FM3, LW or MW) pressing repeatedly the "SRC" key **15-fig. 1**;

– press briefly one of the keys **1 ÷ 6-fig. 1**.

In the FM1, FM2 and FM3 bands, if reception is poor and the AF alternative frequency seek function is on, a station with the strongest signal that is broadcasting the same programme is automatically sought.

## "AUDIO SETUP" FUNCTION (AUDIO ADJUSTMENTS)

The audio parameters can be activated and adjusted in the same way with all the audio sources (Radio, CD).

The adjustment procedures are described in the related paragraph of the previous chapter.

## "TA" FUNCTION (TRAFFIC INFORMATION)

Certain stations in the FM band (FM1, FM2 and FM3) are also enabled to broadcast information about the conditions of the traffic. In this case the displays shows the abbreviation "TP".

To turn the TA function (Traffic Announcement) on/off for traffic bulletins, repeatedly press the knob **22-fig. 1** after selecting the TA/AF function.

The cyclic activation of the TA/AF functions, which is obtained by brief presses on the knob **22-fig. 1**, is the following: AF – TA – TA and AF – both functions off – AF …etc.

When the TA function is on the display shows "TA".

The listening conditions and information shown on the display may be the following:

– TA and TP: you are tuned to a station that broadcasts traffic information and the traffic information function is on

– TP: you are tuned to a station that broadcasts traffic information but the traffic information function is off

– TA: the traffic information function is on but you are tuned to a station that does not broadcast traffic information

– TA and TP not shown on the display: you are tuned to a station that does not broadcast traffic information and the traffic information function is off.

With the TA function on it is possible:

**1**) to seek only RDS stations that broadcast in the FM band, enabled to broadcast traffic information;

**2**) to receive traffic information also if the CD player is working;

**3**) to receive traffic information at a preset minimum level also with the radio volume down completely or in stand-by.

The operations to be carried out for each of the three above conditions are listed below.

**1**) To receive stations enabled to broadcast traffic information:

– choose band FM1, FM2 or FM3;

– turn on the TA function so that the display shows "TA";

– start seeking the frequencies.

**2**) If you wish to receive traffic information while listening to a CD, before inserting the CD, tune to a station enabled to broadcast traffic information (TP) and turn the TA function on. If, while playing the CD, this station broadcasts traffic information, CD playing will be temporarily stopped and resumed automatically at the end of the message.

If the CD player is already working and at the same time you wish to receive traffic information, turning on the TA function, the radio tunes to the last station heard in the FM band and the traffic announcements are transmitted. If the station selected does not broadcast traffic information, an enabled station is sought automatically.

If you wish to interrupt a traffic announcement, turn off the TA function while the announcement itself is being broadcast.

**3**) To receive traffic information though not listening to the radio:

– turn on the TA function, so that the display shows the abbreviation "TA";

– tune to a station enabled to broadcast traffic information so that "TP" is shown on the display;

– set the system in stand-by by pressing the "MAIN" key **17-fig. 1**.

This way, if that station broadcasts traffic information, this will be heard at a minimum predefined volume.

**IMPORTANT** In certain countries, radio stations exist which though the TP function is active (the display shows "TP"), do not broadcast traffic information.

If the radio is working in the AM band, choosing the FM band tunes to the last station heard. If the chosen station does not broadcast traffic information ("TP" not shown on the display), an automatic search is started for an enabled station.

If the volume is changed during a traffic bulletin the value is not shown on the display and the new value is kept only for the bulletin in progress.

**IMPORTANT** If the TA function is on and the station tuned is not enabled to provide traffic information or is no longer able to broadcast this information (the display does not show "TP"), after about 1 minute in which the radio is in these conditions:

– if a CD is being played another station enabled to broadcast traffic information is sought automatically

– if the radio is in use a warning s sounding to alert that it is not possible to receive traffic information; to interrupt it, it is necessary to tune to a broadcaster enabled to give traffic information or switch off the TA function.

## "AF" FUNCTION (SEEKING ALTERNATIVE FREQUENCIES)

Within the RDS system the radio can work in two different modes:

– AF ON: alternative frequency search on;

– AF OFF: alternative frequency search off.

When the signal of the RDS station tuned weakens, the following two cases may occur:

– With AF ON the RDS system activates automatic tuning of the optimum frequency of the station chosen, with the stations enabled, therefore the radio is automatically tuned to the station with the strongest signal that is broadcasting the same programme. During the journey it will thus be possible to continue listening to the station chosen without having to change the frequency when changing area. Of course, the station being listened to must be receivable in the area the vehicle is crossing.

– With AF OFF the radio will not tune the strongest station automatically and it will have to be found manually using the tuner buttons.

to turn the AF function on/off, repeatedly press the knob **22-fig. 1** after selecting the TA/AF function.

The cyclic activation of the TA/AF functions, which is obtained by brief presses on the knob **22-fig. 1**, is the following: AF – TA – TA and AF – both functions off – AF …etc.

When the AF function is on the display shows "AF".

The RDS channel name (if available) is still shown on the display.

If the radio is working in the AM band, when the "SRC" key **15-fig. 1** is pressed, it moves the FM band on the last station chosen.

## "LOC/DX" FUNCTION (TUNER SENSITIVITY ADJUSTMENT)

With this function it is possible to change the sensitivity of automatic radio station searching. When low sensitivity "LOC" is set, only stations with excellent reception are sought; when high sensitivity "DX" is set, all the stations are sought. If you are in an area with a large number of broadcasters and you want the ones with the strongest signal, choose low sensitivity "LOC".

To choose between low or high tuner sensitivity, repeatedly press the knob **22-fig. 1** after selecting the "LOC/DX" function. The abbreviation of the sensitivity chosen will be shown on the display:

– LOC = low sensitivity;

– DX = high sensitivity.

## "PTY" FUNCTION (CHOOSING A TYPE OF PROGRAMME)

The PTY function (Program Type), when present, makes it possible to give priority to broadcasters transmitting programmes classified according to the type of PTY. PTY programmes may concern emergency announcements or various subjects (e.g. music, news). To access the list of PTY programmes, choose the and confirm the PTY function with the knob **22-fig. 1**; the display will show the screen with the list of PTY programmes **fig. 31** and the subject of the last station heard (e.g. "NEWS").

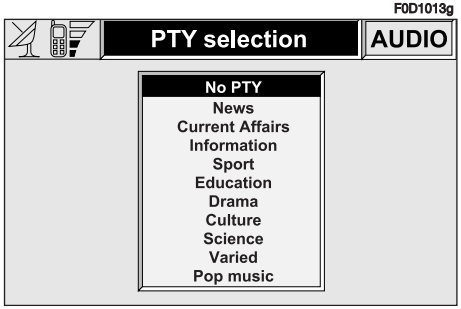



fig. 31

To scroll the list of PTY programmes turn the knob **22-fig. 1**. To choose a type of programme press the knob after choosing the type.

**IMPORTANT** The PTY function can only be turned on in the FM band.

If the station does not broadcast in the PTY mode, the display will show the wording "NO-PTY" for 5 seconds.

After 2 seconds the display shows the station name or frequency.

The list of PTY programmes is the following:

– No PTY
– News
– Current Affairs
– Information
– Sport
– Education
– Drama
– Culture
– Science
– Varied
– Pop music

– Rock music
– Easy Listening Music
– Light classical
– Serious classical
– Other music
– Weather
– Finance
– Children's program
– Social Affairs
– Religion
– Phone in
– Travel
– Leisure
– Jazz music
– Country music
– National music
– Oldies music
– Folk music
– Documentary
– Alarm Test
– Alarm.

To change the type of PTY programme press keys **11-fig. 1** oR **12-fig. 1** or one of the 6 preset keys. If the display shows the frequency or station name, pressing keys **11-fig. 1** or **12-fig. 1** the type of the current programme will be shown.

To store the current programme type on one of the 6 preset keys, press the required preset key at length (over 2 seconds).

To seek a station with this programme, follow the instructions given in the "Automatic tuning" paragraph.

If no station is available with this type of programme, the station selected previously is returned and for about 2 seconds the display will show "NO-PTY".

To exit the screen with the list of PTY programmes, choose a type of programme, or "No PTY" if you do not wish to set a programme type.

## "EON" FUNCTION (ENHANCED OTHER NETWORK)

In certain countries there are circuits which group together several stations enabled to broadcast traffic information.

In this case the programme of the station being heard will be temporarily interrupted to receive the traffic announcement (only with the TA function on), every time they are broadcast by one of the stations of the same circuit.

When the station tuned belongs to an EON circuit the display shows the initials "EON".

## "AUTOSTORE" FUNCTION (AUTOMATIC STATION STORAGE)

To turn the Autostore function on (automatic station storage) press the knob **22-fig. 1** after selecting it.

When this function is on, the radio automatically stores the stations with the strongest signal, in decreasing order of intensity of the signal in the frequency band tuned:

– 6 stations in the FM1, FM2 or FM3 band or

– 6 stations in the MW band or

– 6 stations in the LW band.

If the TA function is on (traffic information), only stations that broadcast traffic information will be stored. This function can be turned on also when playing a CD.

During automatic storage the display shows the wording "Autostore". To interrupt the automatic storage process, turn off the "Autostore" function pressing the "ESC" key **23-fig. 1**; the radio will tune the station heard before the function was activated.

On the preset keys **1 ÷ 6-fig. 1** the stations that have a strong signal in that moment will be stored, in the preset band. After storage the radio tunes automatically to the first station of the FM1 band, corresponding to the frequency stored on preset key **1-fig. 1**.

Every station is stored only once, except in the case of regional programmes which in certain cases might be stored twice.

The behaviour of the set during Autostore is as follows:

– at the beginning of the Autostore function all the other functions are disabled

– any change in volume is not shown on the display

– pressing one of the preset keys **1 ÷ 6-fig. 1** the automatic storage process is interrupted and the station stored with that key is tuned

– selecting and activating a radio function (e.g. PTY) the automatic storage process is interrupted, the last station heard before tuning on Autostore is tuned and the function associated with the key pressed is run

– selecting and activating one or both TA/AF functions during the automatic storage process, automatic storage will be interrupted, the TA (traffic information) and AF (alternative frequencies) functions will be turned on/off and a new automatic storage process will be started

– changing the audio source (Radio, CD) during the automatic storage process, the Autostore function is not interrupted.

**IMPORTANT** It may occur that the Autostore function is unable to find 6 stations with a strong signal; in this case only the stations found are stored.

### "ST/MONO" FUNCTION

To turn on/off the Stereo function (stereo station reception) press the knob **22-fig. 1** after selecting the St/Mono function.

When stereo reception is on the display shows "STEREO", when it is off the display shows "MONO".

When the signal of the station tuned is weak, to improve the sound quality, it is advisable to switch to "MONO".

## CD MODE

To guarantee optimum playing, use original CDs. If using R/RW CDs, use top quality CDs duplicated at as low as possible speed.

**IMPORTANT** Never use 8 mm audio CDs, even with the specific adapter, since this format will damage the system.

Choosing the CD source with the "SRC" key **15-fig. 1**, will display a screen with the following options **fig. 32**:

– TA

– Scan

– Shuffle

– CD setup

– Audio setup.

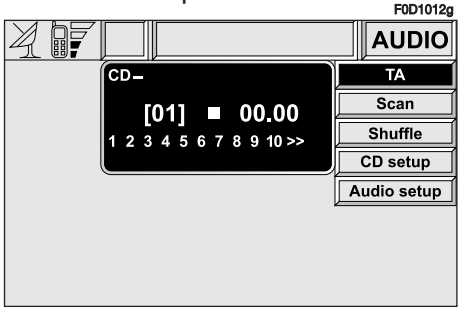



fig. 32

If the CD is not inserted, the display will show the message "No CD".

Choosing the CD source, playing starts from the last track heard previously or from the first track when the CD is inserted. To listen to the previous or next CD track respectively press the keys **11-fig. 1** or **12-fig. 1**.

The upper part of the display shows the number of the current track, the functions activated and the elapsed time (total or partial).

If the CD is illegible or is not an audio CD, the display will show "CD Error".

The lower part of the display shows the total CD playing time.

To stop playing the CD, briefly press key **10-fig. 1**. To start again briefly press key **10-fig. 1**. To pause the CD press key **10-fig. 1** at length .

To remove the CD from its slot **28-fig. 1** press key **26-fig. 1**.

## "TA" FUNCTION (TRAFFIC INFORMATION)

To turn the TA function (Traffic Announcement) on/off while listening to a CD, press the knob **22-fig. 1** after selecting the function.

For the description of the function, refer to the corresponding paragraph in the "RADIO MODE" chapter.

## "SCAN" FUNCTION (BRIEF PLAYBACK)

The "Scan" function is turned on/off pressing the knob **22-fig. 1** after selecting the function.

When this function is on, all the CD tracks are played for about 10 seconds in the actual sequence on the CD.

Press the knob again to turn the function off **22-fig. 1**.

The "Scan" function is turned off automatically when "Shuffle" is turned on.

## "SHUFFLE" FUNCTION (RANDOM PLAYBACK)

The "Shuffle" function is turned on/off pressing the knob **22-fig. 1** after selecting the function.

With this function on, the CD tracks are played in random sequence. To turn the function off press the knob again **22-fig. 1**. The "Shuffle" function is turned off automatically when the "Scan" function is turned on.

## "CD SETUP" MENU

Choosing and activating "CD setup" with the knob **22-fig. 1** access is gained to the CD functions **fig. 33**:

– Display

– Repeat

– OK.

## "Display" function

With this function it is possible to choose the information about the CD shown on the display.

The options available are **fig. 34**:

– "Track elapsed time" (time elapsed from start of track)

– "Total elapsed time" (total time elapsed from start of CD) (*)

– "Total remaining time" (total remaining time to end of CD) (*)

(*) Option not available when the "Shuffle" function is activated.

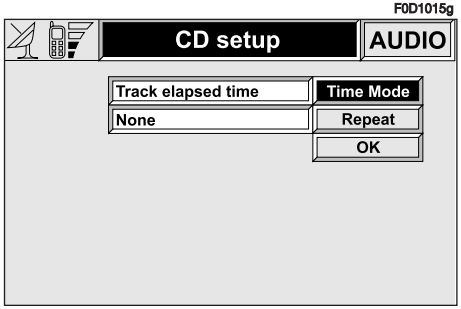



fig. 33

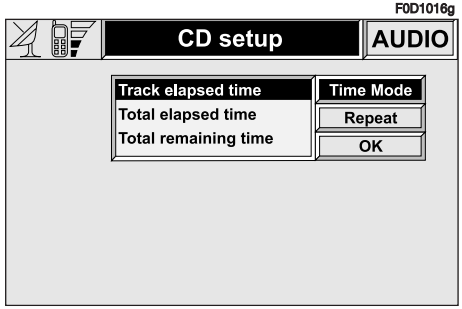



fig. 34

To choose an option turn and press the knob **22-fig. 1** after selecting the "Display" function.

To store the option chosen, choose and confirm "OK" with the knob **22-fig. 1**.

**"Repeat" function**

With this function it is possible to turn on/off the continuous repetition of the current track or of the whole CD.

The available options are **fig. 35**:

– None (function off)

– Single (continuous playback of current track)

– Complete (continuous playback of whole CD).

To choose an option turn and press the knob **22-fig. 1** after selecting the "Repeat" function.

To store the option chosen, choose and confirm "OK" with the knob **22-fig. 1**.

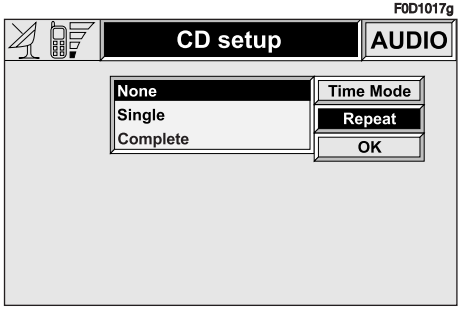



fig. 35

## "AUDIO SETUP" MENU (AUDIO ADJUSTMENTS)

To access the audio setup menu while listening to a CD, press the knob **22-fig. 1** after selecting "Audio setup".

For the description of the different functions available in the menu, see the corresponding paragraph of the "AUDIO SETTINGS" chapter.

# CELLULAR TELEPHONE (TEL)

The CONNECT Nav+ is fitted with a Dual Band GMS cellular telephone with handsfree feature. The GSM (Global System for Mobile Communication) standard is now available in many countries and offers excellent coverage: for information about the areas served currently by the GSM networks and those available in the future, contact your network provider.

The cellular telephone functions are displayed by pressing briefly the "TEL" **19-fig. 1** or the telephone key **13-fig. 1**.

If the telephone screen is accessed pressing key **13-fig. 1**, the display will show the last number called without actually calling it: to make the call, press the **13-fig. 1** again. Press "ESC" **23-fig. 1** to return to the main telephone screen.

To clear the telephone function menu from the display, keep the "TEL" key**19-fig. 1** pressed; to display it again, press the key briefly.

## GENERAL INFORMATION

The cellular telephone has many functions which simplify use:

– PIN code (Personal Identification Number) to prevent unauthorised telephone use

– PIN change

– activation/deactivation of PIN request at access

– incoming calls acceptance and refusal

– start a telephone call

– emergency call (even without SIM card and without entering PIN code)

– reading the telephone numbers stored on the SIM card

– entering a new telephone number on the SIM card

– deleting a telephone number from the SIM card

– information on SIM card conditions (correct or wrong insertion and space available in the memory)

– access to the list of the last 10 numbers dialled to facilitate frequent calls

– access to the list of the last 10 calls received

– SMS function (Short Message Service) to receive and send short text messages

– activation and deactivation of access to SIM card (Subscriber Identification Module)

– access and change of the lists containing the most frequently dialled numbers and to telephone directory;

– manual number dialling

– DTMF setting (Dual Tone Multi Frequency) to repeat dialling and inhibit the own identification number transmission

– selection of network provider

– setting volume

– display of remaining credit in case of prepaid SIM card (if the Network Provider makes these data available)

– display of signal field intensity and other status warnings with symbols and words:

telephone wordings not active or lack of network service or telephone not included in network

field intensity shown by lit sectors

call signal off wording

"forwarding" function activated

SMS message received and already read

SMS message received and not read yet

SMS message written and already sent

SMS message written, but not sent yet.

## PRELIMINARY OPERATIONS

### Telephone card insertion

If no valid SIM card is inserted when calling the telephone function, the display shows the related warning message **fig. 36**.

The insertion of a valid SIM card makes it possible to make the telephone operational and access its functions. The telephone card is to be inserted in the special slot **27-fig. 1** with the integrated chip at the front right in relation to the direction of travel, until it is held in.

**IMPORTANT** When necessary, only use the SIM card adapter provided with the vehicle; in the event of loss, breakage or for buying other adapters, contact **Fiat Dealership**.

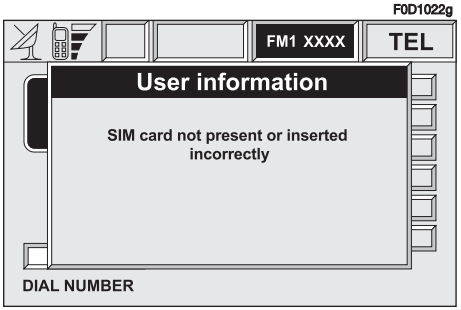



fig. 36

Correct card insertion is confirmed by the prompt to type the card PIN code **fig. 37**.

When the card is already inserted, access to the operating system is obtained by pressing the "TEL" key **19-fig. 1** or the telephone key **13-fig. 1**.

To remove the SIM card, slightly press into its housing and then release it; it will come out a little so that you can extract it.

**IMPORTANT** Removing the SIM card with the telephone on may cause temporary faults; before removing the SIM card the user should always turn the phone off through the TEL OFF button or the CONNECT Nav+ system off using the ON/OFF button.

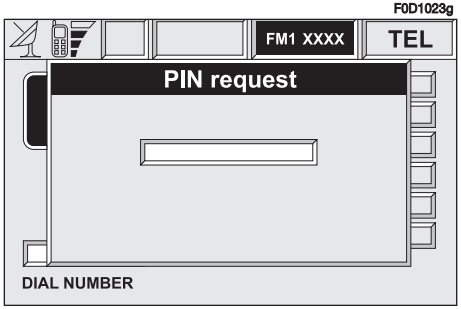



fig. 37

In the event of faults due to removing the SIM card with the phone working, normal operation will be resumed switching the vehicle off and on again.

### PIN code entry fig. 37

The PIN code, usually formed of four digits must be entered using the telephone keypad and confirmed pressing the knob **22-fig. 1**. The digits entered are shown by red asterisks.

If a code digit needs to be corrected, slightly press the "ESC" key **23-fig. 1** in order to delete it and write it again correctly. Press the "ESC" key **23-fig. 1** longer to delete the complete PIN code entered.

**IMPORTANT** After three unsuccessful PIN code entries, the card is locked. To unlock the card, press both the PUK code (Pin Unblocking Key) and the new PIN (minimum 4 characters, maximum 8 characters).

The network signal search begins after entering the PIN code and the display shows the main telephone function page. After connection, the display shows the network provider's name.

## SCREEN OPTIONS

Information provided in the display upper part are:

– display of detected field intensity

– name of network provider

– warning of no carrier

– deactivated telephone warning (SIM card not inserted)

– call forwarding enabled/disabled

– presence and number of SMS messages received and read

– emergency call in progress warning

– credit available in case of a prepaid SIM card (if the Network Provider makes these data available).

During an incoming or outgoing call, the lower part of the display provides the following information:

– interlocutor's name (if present in the telephone directory) or telephone number (for calls received, if available)

– interlocutor telephone number (if made available by the network provider)

– time from beginning of the call (mm : ss - minutes and seconds).

Information provided in the display lower part are replaced, at the end of the call, by the telephone number dialling sector.

## ACCEPTING CALLS

Any incoming call while a conversation is in progress is shown on the display by the name (if present in the directory) and by the number (if available) of the caller and by the options "Accept" or "Refuse". To choose and confirm the options use the knob **22-fig. 1**.

If the new call is accepted, the previous one will wait till the end of the new call or till the interlocutor decides to hang up.

If the incoming call is refused, the displayed message disappears and the first telephone call continues with no disturbance.

Incoming calls are signalled, regardless of the active mode of the integrated system (radio, CD player etc.), by a screen that shows the caller's name (if present in the directory) and number (if available) and the prompt to accept or refuse the call.

To accept the call, briefly press key ↴ **13-fig. 1**, to refuse the call keep the key pressed longer.

To interrupt a telephone call, press key ↴ **13-fig. 1** at length.

## TELEPHONE CALL

To make a telephone call, select the "telephone" function using key **19-fig. 1**, then press key ↴ **13-fig. 1** after dialling the telephone number using the keypad located on the control panel left-hand side or after retrieving it using one of the dedicated menu functions (directory, frequent numbers, last received or called numbers).

When calling, the display left-hand side shows information associated with the call in progress, the vehicle radio is switched off, connection is made and, if the called person answers, the call duration counter is started.

To interrupt the forwarding of a call, keep key ↴ **13-fig. 1** pressed.

### Manual dialling

For manual dialling, use the keypad located on the control panel left-hand side, pressing the keys as follows:

– press the keys with numbers from "0" to "9" for less than 1 second to enter the associated number;

– press keys for numbers from "1" to "9" for more than one second to enter the telephone number stored in the corresponding position using the "Frequent numbers" function;

– to enter the international prefix press "0" at length.

If a digit of the entered number needs to be changed, briefly press the "ESC" key **23-fig. 1** to cancel it and then write it correctly. Press the "ESC" key **23-fig. 1** longer to cancel the whole telephone number entered.

### End of conversation

The end of conversation function is obtained by pressing key ⍈ **13-fig. 1**.

### Hands-free feature

A hands-free microphone allows talking on the phone. The volume is adjusted by knob **16-fig. 1**.

# MAIN MENU FUNCTIONS

The cellular telephone functions that may be accessed by pressing the "TEL" key **19-fig. 1** or key ⍈ **13-fig. 1**, are the following **fig. 38**:

– Other menus (access to the second menu page)

– Frequent numbers (list of the 9 most used numbers)

– Directory (directory with names and phone numbers)

– Last calls received (list of the 10 last received calls)

– Last numbers called (list of the 10 last called numbers)

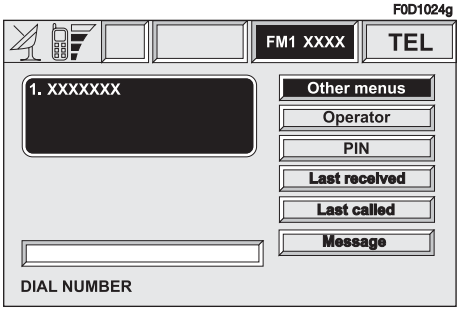



fig. 38

– Messages (SMS – short text messages)

Selecting and confirming "Other menus" the second telephone function page is accessed. They are **fig. 39**:

– Other menus (access to the first menu page)

– Network Operator (selection of the telephone network provider)

– PIN (change of the telephone use access code)

– Settings (function entry and change)

– Information (information on the network operator and on the SIM card).

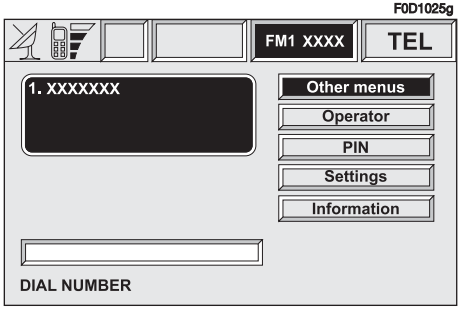



fig. 39

Changing from the first to the second telephone menu page and vice versa occurs in cycles, by selecting and confirming "Other menus" on each page.

## "Frequent numbers" FUNCTION

The "Frequent numbers" function is used to generate and quickly access a list of the 9 most frequently used telephone numbers. The system is able to automatically manage and recognize the list of "frequent numbers" of a maximum 5 different SIM cards, whose information is obtained from the system directory or from the read telephone card.

A subscriber, whose number is indicated as a "frequent number" is selected by using knob **22-fig. 1** "Frequent numbers" on the main telephone function page to select and confirm, thus accessing sub-menus for the "Select", "New entry" and "Order" functions.

The "Select" function accesses the list of stored numbers, with the options "Call" and "Delete".

The entry selected can be called activating "Call" or deleted from the list with "Delete".

In this case the system asks for confirmation before removing the entry selected. Elimination of an entry is necessary when the list of "Frequent numbers" is complete with 9 numbers and you want to enter a new frequent number from the directory.

The "Frequent number" list is compiled or updated by selecting the "New entry" function using knob **22-fig. 1** and pressing to confirm. A maximum of 9 numbers may be copied from all directory items. Follow the instructions contained in the "Directory Function" paragraph for the compilation procedure.

With the "Order" function it is possible to change the order of the numbers in the "Frequent numbers" list according to your requirements. For example moving a number from position "7" to position "1", takes place activating the "Order" function, highlighting the number in position "7" using the knob **22-fig. 1**, pressing to select it and moving the number selected

with the knob **22-fig. 1** from position "7" to position "1". The operation is stored pressing the knob **22-fig. 1**.

## "Directory" FUNCTION

A new entry in the telephone directory is obtained selecting the "Directory" function on the telephone main functions page and accessing a new page with the options "Select", "Add", "Listen to voice directory", "Delete voice directory" **fig. 40**.

Choosing "Select" accesses a new screen which makes it possible to seek a name and trace a phone number stored previously in the directory.


fig. 40

After selecting a directory entry, this is shown on the display with all the data available (name, number, location and voice recognition) and with the options "Call" (immediate calling), "Change" (data correction) and "Delete" (elimination of the entry).

The system prompts for confirmation before carrying out the changes set with "Change" and "Delete": to store the changes set choose and confirm "OK" with the knob **22-fig. 1**. Choosing and confirming "Add" with the knob **22-fig. 1** it is possible to add a new entry to the directory; to add the new entry proceed as described above.

Adding the phone number is facilitated using the telephone keypad. "Location" means the "place" in which you want to store the new directory entry (SIM card or system telephone directory), bearing in mind that the numbers stored on the SIM card are copied on the system directory when the telephone is turned on and deleted from the directory when the SIM card is removed.

The "Voice recognition" function is available only if the new voice has been recorded in the system telephone directory and in this case the word "Enabled" is shown. Therefore if the "Location" is transferred from the system directory to the SIM card, the system warns the user that the voice sample will be deleted.

After entering, confirm with "OK". If voice recognition is enabled, a new screen is displayed with the "New Voice Command", "Delete Voice Command" and "Listen to Voice Command" functions.

Choosing and confirming "New Voice Command" with the knob **22-fig. 1** it is possible to associate a new voice sample with the directory entry; to interrupt the operation press key **14-fig. 1**. With the "Delete Voice Command" function it is possible to delete a previously recorded voice command, while "Listen to Voice Command" allows you to listen to the voice message recorded.

Choosing and confirming "Listen to voice directory" with the knob **22-fig. 1** it is possible to hear the entire contents of the voice directory; to stop it press the "ESC" button **23-fig. 1**.

Choosing and confirming "Delete voice directory" it is possible to delete the entire contents of the voice directory: to delete press the knob **22-fig. 1** to go back to the previous screen press the "ESC" button **23-fig. 1**.

For data entry, a special screen is shown **fig. 41** where all the characters and numbers are available and the options "Delete" (to delete the whole line), "Delete character" (to delete the last character) "OK" (to confirm the entry) and "Space" (to enter a blank space between characters). In the lower part of the screen a zoom is available that highlights the character selected.

To enter characters and functions, select and confirm them using the knob **22-fig. 1**.

In order to quicken character entry, the system automatically moves to the beginning or the end of the list when the cursor is taken in front of the first character and after the last one, respectively.

If a combination between two characters is possible (a letter of the alphabet and a symbol), it will automatically be replaced by the corresponding single character: for example, entering "E" first and them " ¨ " the two characters will be replaced by the only character "Ë". The blank space and symbols . , - _ ' ( ) are used to separate the words.

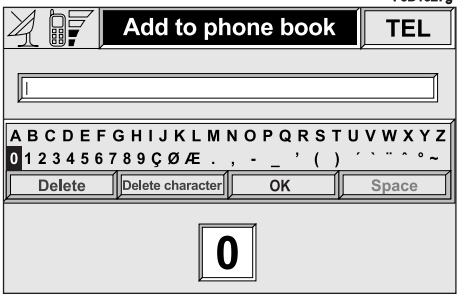



fig. 41

## "LAST CALLS RECEIVED" FUNCTION

Choosing this function accesses the list with the last 10 calls received. Each item of the list includes the name of the person that made the call (if stored in the directory and if the call was not in the unknown mode) and the corresponding telephone number. To directly call one of the entries in the list simply select it and confirm it with the knob **22-fig. 1**.

## "LAST NUMBERS CALLED" FUNCTION

Choosing this function accesses the list with the last 10 numbers called. Each item of the list includes the name of the person called (if stored in the directory) and the corresponding telephone number. To directly call one of the entries in the list simply select it and confirm it with the knob **22-fig. 1**.

## "Messages" FUNCTION

This function allows access to the SMS message page (short text messages), that can be received and sent, and which displays a menu with the following items **fig. 42**:

– Dial (to write the message)

– Select (to select a message)

– Center number (number of the message service centre).

**IMPORTANT** For some network providers, the "SMS" function must be made operational.

### "Dial" Function

Selecting the "Dial" function accesses a submenu with the items "Text", "Telephone number", "Directory", "Store" and "Send".

Choosing and confirming "Text" accesses the screen that allows you to write the text message (within the limits of the space available of 160 characters). To write the text follow the instructions given for compiling the telephone directory in the "Directory Function" paragraph; the option SHIFT ON/OFF allows you to pass from CAPITAL to small letters and vice versa.

Select "Telephone number" to enter the message destination number. This option is available only after writing the message. Use the telephone keypad to dial the number.

Choosing "Directory" it is possible to choose the addressee among the numbers stored in the telephone directory, instead of dialling directly. The number chosen will be highlighted in the special box.

The option "Store" is used to file one or more messages to send them later on. A dedicated signal warns the user that the memory is full; in this case, press the "ESC" key **23-fig. 1** to return to the previous screen and delete other messages.

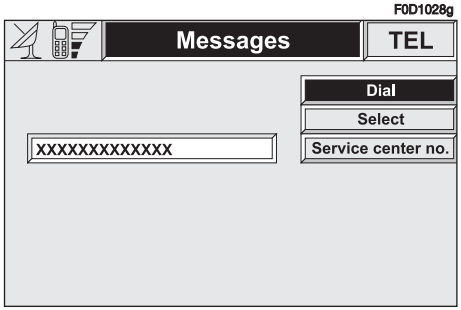



fig. 42

Select "Send" to send the message: the user is warned that the message is being sent and, at the end, if message sending was successful or not.

### "Select" function

Selecting this function, the present SMS messages are displayed. They may be of 4 types:

- message sent
- message written but not sent yet
- message received and not read yet
- message received and already read.

Selecting a message sent or to be sent, a new screen is accessed with the "Delete" and "Send" options, used to delete or send the message respectively. Press the "ESC" key **23-fig. 1** to return to the previous screen.

Selecting a received message already read or to be read, will display a new screen with "Delete", "Call" and "Answer" that shall be used to delete the message, call the sender telephone number or send him/her an answer message. Press the "ESC" key to return to the previous screen **23-fig. 1**.

### "Center number" Function

This function is used to enter, the SMS message service provider number using the telephone keypad.

### "NETWORK OPERATOR" FUNCTION

This function, that may be accessed from the second telephone menu page, makes the following network provider management options available:

– Select (to define the criteria for choosing the operator)

– Operator (to select a provider, when possible)

– OK (to confirm settings).

### "Select" function

This function is used to define the criteria used to select the network provider:

– Automatic

– Manual

– Preferential.

The "Automatic" provider selection is performed directly by the telematic system based on the GSM field intensity provided by each available provider; therefore, the "Operator" function is not available with this function.

The "Manual" selection allows the user to select the preferred provider using the "Operator" function but, in case of insufficient GSM field, the telephone will not be able to receive or make calls.

The "Preferential" selection allows the user to select the provider that the system must select, using the "Operator" option, when the provided GSM field is sufficient.

### "Operator" Function

This function is available in "Manual" or "Preferential" mode only and it is used to select and set the network provider using knob **22-fig. 1**.

### "OK"

Selecting and confirming "OK" using knob **22-fig. 1** the set type of selection and provider name are stored.

### "PIN" FUNCTION

This function is used to access the "PIN" code setting page, through the "Change PIN", "Enable PIN Request", "Recall last PIN " and "OK" options.

For obvious safety reasons in use of the telephone, whenever the user needs to access this menu functions, the system requires entering the current PIN.

### "Change PIN" Function

The "Change PIN" function allows changing the SIM card PIN number, accessing a new page with following options:

– Old PIN

– New PIN 1

– New PIN 2

– OK.

First of all, the current PIN code must be entered in the first page and then enter the new PIN twice in the " New PIN 1" and " New PIN 2" fields.

If the system finds that the two new PINs are different, an error message is issued for a few seconds: in this case, the user must repeat the whole PIN change procedure, except for the old PIN that remains valid.

At the end of this operation, in order to store the new PIN, select and confirm "OK" with the knob **22-fig. 1**. Pressing "ESC" **23-fig. 1** the system returns to the previous display and restores the old PIN code.

### "Enable PIN request" Function

This function is used to enable or disable the PIN code request whenever the SIM card is inserted. In order to engage/disengage this option, select it and press knob **22-fig. 1**:

– YES: function enabled (PIN request each time the SIM card is inserted)

– NO: function disabled (direct access to telephone functions inserting the SIM card).

### "Recall last PIN " Function

Setting "YES" or "NO", this function enables the system to store the first PIN code entered by the user, or not. Setting "YES", the system will send the PIN code directly to the SIM card at each request, without prompting the user to enter it.

### "OK"

Selecting and confirming "OK" with the knob **22-fig. 1** the selection is stored; instead, press the "ESC" key **23-fig. 1** to return to the previous screen and restore the previous setting.

## "SETTINGS" FUNCTION

Selecting and confirming this function using knob **22-fig. 1**, the telephone setting menu page is displayed **fig. 43**:

– Ringer volume

– Redial

– Unknown

– Call forwarding

– Call forwarding no.

– Enable Call Waiting

– OK.

### "Ringer volume" Function

The "Ringer Volume" function is used to adjust the incoming call ringer.

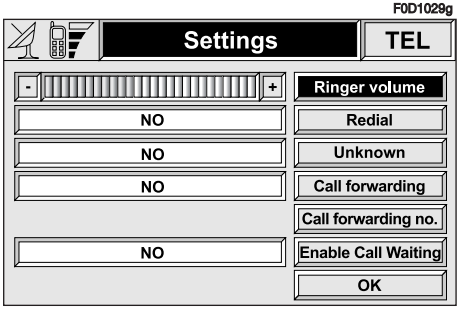



fig. 43

Proceed as follows:

– select and confirm this function using knob **22-fig. 1**;

– rotate knob **22-fig. 1** clockwise to increase ringer volume and anti-clockwise to reduce it.

At the end, press knob to confirm setting and continue with the other parameter settings.

### "Redial" Function

This function enables or disables (YES/NO) the automatic redial option for a few times, in case the number called is busy. However, even if this option is active, it is always possible to interrupt the call keeping key ↩ **13-fig. 1** pressed.

### "Unknown" function

This function enables or disables (NO/YES) telephone number identification by the receiver, when the user makes a call. The availability of this function depends on the network access provider.

### "Call forwarding" Function

The "Call forwarding" function enables or disables (YES/NO) incoming call forwarding.

Call forwarding is indicated by the system with some messages informing that forwarding is in progress and whether the result is successful or not.

### "Call forwarding no." Function

Selecting this function, it is possible to enter the "Call forwarding no.", receiving the unanswered calls. This function availability depends on the network access provider. Use the telephone keypad to enter the call forwarding number.

### "Enable call waiting" Function

This function is used to enable or disable the call waiting message (YES/NO).

### "OK"

Selecting and confirming "OK" with the knob **22-fig. 1** settings are stored; press the "ESC" key **23-fig. 1** to return to the previous screen and restore the previous setting.

## "INFORMATION" FUNCTION

The "Information" function allows displaying the network access provider name and/or acronym, the entered SIM card telephone number (own telephone number) as well as the system telephone module electronic serial number (IMEI = International Mobile Equipment Identity).

Not all SIM cards allow you to display your telephone number; in this case, to store the number it must be entered in the telephone directory, following the instructions given in the corresponding paragraph.

# NAVIGATOR (NAV)

## GENERAL INFORMATION

The navigator integrated in the CONNECT Nav+ allows you to reach the chosen destination by visual and voice instructions. Use of the navigation system is quick, convenient, safe and above all very flexible because it allows you to call up already programmed destinations or points of reference such as hotels, monuments, public structures, fuel stations or **Fiat Dealerships**.

The vehicle position is determined through the GPS system (Global Positioning System) installed on the vehicle. The GPS system is fitted with an antenna and a reception module integrated in the telematic system. This system configuration dynamically processes the satellite signals, those from the right and left odometer, the reversing signal and the information of the gyroscope integrated in the navigation computer, integrating them with the current position of the vehicle to obtain an "estimated vehicle point".

The signals from the right and left odometer make it possible to determine the movement of the vehicle, the gyroscope signal identifies any turning and the reversing sensor distinguishes the direction of travel.

The Fiat navigation system helps the driver while he/ahe drives by suggesting vocally and graphically the optimum routing to reach the preset destination.

***WARNING***

***The navigation system suggestions do not exempt the driver from full responsibility due to his driving behaviour and to compliance with road and other traffic regulations. The responsibility for road safety always and in any case lies with the vehicle driver.***

### IMPORTANT NOTES

– GPS reception is difficult under trees, among tall buildings, in multi-level car parks, tunnels and everywhere reception of the satellite antenna may be hindered.

– The GPS system needs about 15 minutes for activation if the vehicle battery is disconnected.

– The GPS system needs a few minutes to determine the new position of the vehicle if it is turned off and the vehicle is moved with the system off (e.g.: by breakdown van).

– In the lack of satellite information, the system uses information from the gyroscope and from the special sensors for temporary data analysis.

– The GPS satellite aerial must not be covered with metal or damp objects.

The instantaneous vehicle position is identified in the CD-ROM and shown on the display together with the topographic characteristics of the area memorised on the CD-ROM. Access to data on the CD-ROM requires a few moments waiting for the map displays.

The system constantly compares data from the speed sensor, from the reverse gear sensor, from the GPS antenna and the gyroscope to automatically compensate changes in temperature, pressure or any other occurrence that may lead to a false position detection in any way.

## IMPORTANT NOTES

– Accurate self-adjustment of the navigation system requires approx. 1-10 km of travel the first time and when tyres are changed.

– Continuous lack of grip at the wheels (for example skidding on ice), makes the system temporarily detect an incorrect position.

The navigation system is completely managed by the telematic system, therefore the only operations that may be required are replacement of the CD-ROM to set the map of another area or an updated map.

Access to the navigation main functions is gained by short push on "NAV" key **20-fig. 1** after turning on.

Long push on "NAV" key **20-fig. 1** engages the navigation system Mute function, which will therefore no longer provide voice instructions. When the Mute function is on, the display shows "Nav Mute". To turn the Mute function off press again the "NAV" key **20-fig. 1** at length.

Each time you start the engine and select the navigation function, the display will show a page with the cautions for using the system **fig. 44**. To continue system use this page must be confirmed pressing the "NAV" key **20-fig. 1**. This page will not be displayed as long as the system is on.

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**NOTES**

**The FIAT navigation system guides you in traffic and helps you reach your destination. Comply with all local traffic regulations, which take precedence over the manoeuvres indicated by the navigation system. Full responsibility for operating the vehicle and observing all traffic regulations lies with the driver.**

fig. 44

## SCREEN OPTIONS AND FUNCTIONS

The main information and functions provided and managed by the navigation system are:

GPS signal symbol which differs in colour depending on the quality of reception;

– voice and visual instructions with indications of distance from the destination and planned arrival time;

– detailed map in different colours and with different scales to clearly show the vehicle position, route and destination;

– customisation of the navigation system with possibility of entering pre-memorised destinations with street and street number;

– automatic memorising of the last 8 destinations;

– name of current street;

– possibility to choose the route according to personal preference;

– information on current position;

– information on arrival time;

– system diagnostics and warnings about possible disturbances.

If the system contains a wrong CD-ROM, an audio CD or no CD, whenever the system asks for the navigation CD-ROM for route calculation or map up-date, the insertion prompt will appear on the display.

Navigation functions are mainly controlled using the knob **22-fig. 1**:

– rotate the knob to access the various map zoom levels;

– press the knob to display the first menu page;

– use the knob to select and confirm the "Other menu" item and access the following menu pages;

– press the knob again and the menu page will disappear.

## GRAPHIC INSTRUCTIONS

The main navigation function page and the MAIN page display the manoeuvres to be made using arrows or symbols.

The downward arrow represents next manoeuvre (turn left, right, straight on, U-turn) while the upward arrow or the symbol on top represent the next one. The number displayed under the arrow indicates the vehicle distance from the turn point.

The small arrow down on the right-hand side of the display (on the MAIN page) or in the top box (on the main navigation function page) indicates the destination direction. Next to this arrow the planned arrival time and the distance still to be covered are also indicated.

# VOICE INSTRUCTIONS

The voice instructions provided by the system guide you to your destination and suggest all manoeuvres to be carried out in due time: in particular, the manoeuvres is announced first and then detailed instructions are given.

Press the "RPT" key **24-fig. 1** to repeat the last voice instruction.

To adjust the volume of the voice instruction turn the knob **16-fig. 1** during voice information.

If necessary, press the "RPT" key **24-fig. 1** to repeat the voice instruction and adjust the volume.

# NAVIGATION CD-ROM PLAYER

The navigation CD-ROM player **28-fig. 1** is located on the telematic system front panel and it is the same used for the audio CD. Therefore, it is not possible to use the player for audio and navigation CD-ROM at the same time: however, the navigation system can operate partially even without inserting the navigation CD-ROM.

In this case, when pressing key **26-fig. 1** to remove the CD-ROM with navigation function engaged (to then insert an audio CD), the following two cases may occur:

– the system cannot calculate the required route at present;

– the route calculated before removing the navigation CD-ROM is still valid.

In the first case only the vehicle position and the prompt to insert the navigation CD-ROM **fig. 45**, will be displayed. In the second case the system can still provide the user with instructions to reach the destination and therefore the user is asked whether he intends to maintain the route guiding function or not.

If the user selects and confirms "NO" the system continues and behaves as in the first case, with "YES" the system stores in its memory the concerned map section; this operation requires a few seconds and the display will prompt the message to wait.

After loading, the CD-ROM is ejected and the system restarts its navigation function with the maximum scale of "2 km"; therefore it may be possible that not all of the route is visible.

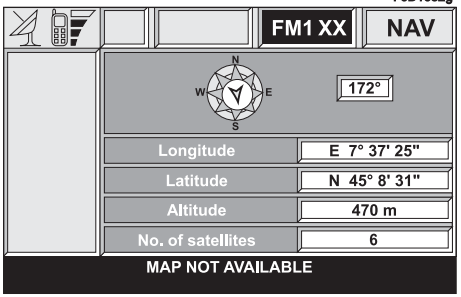


fig. 45

Moreover, navigation in these conditions involves limitations and therefore some functions and commands will not be available. Also information shown on the map will be limited.

When the navigation system is no longer able to continue destination guidance or the vehicle is now out of the loaded map section, the system prompts for inserting the navigation CD-ROM. If the user does not insert the CD-ROM, the system returns to the operating conditions previously described for the first case, i.e.: displaying only GPS information (vehicle position and number of available satellites) and not map information.

## IMPORTANT NOTES

– When entering the new CD-ROM, the system software is automatically up-dated to the new map material or the new functions. During this operation, a wait message is displayed and at the end the destination memory is empty.

– The driver is always responsible for compliance with the enforced traffic regulations: any indication based on wrong map data leading to unauthorised driving manoeuvres MUST NOT be followed.

## NAVIGATION SYSTEM MENU

The system features three menu pages that are shown on the display after selecting the navigation function page with the "NAV" key **20-fig. 1**, pressing knob **22-fig. 1** and selecting the "Other menus" option on each menu page.

The following pages describe the functions that may be selected from the various menu pages.

### First menu page fig. 46

The functions available from the first menu page are:

– Other menus

– Address

– Points of interest

– Last destinations

– Directory

– RDS TMC.

To obtain the following page, select and confirm "Other menus" using knob **22-fig. 1**.

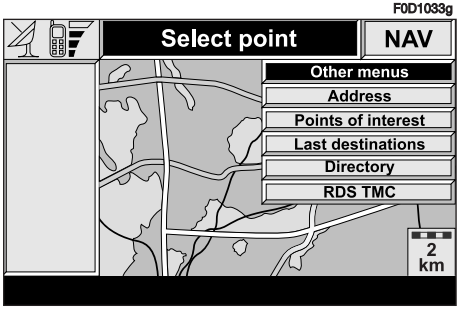


fig. 46

### Second menu page fig. 47

The functions available from the second menu page are:

– Other menus

– Atlas

– Change display

– Alternative route

– Delete destination

Access to the following page is obtained by selecting and confirming "Other menus" using knob **22-fig. 1**.

### Third menu page fig. 48

The functions available from the third menu page are:

– Other menus

– Enable route calculation

– Map options

– Route options.

Returning to the first menu page is obtained by selecting and confirming "Other menus" by knob **22-fig. 1**,and pressing the knob clears the menu from the display.

## ADDRESS - DESTINATION ENTRY

To enter the destination in the first page of the menu select the "Address" function thus displaying the submenu with "Place name", "Street", "Street number", "2nd street", "Map" and "OK" **fig. 49**, the fields of which always contain the data concerning the destination calculated last.

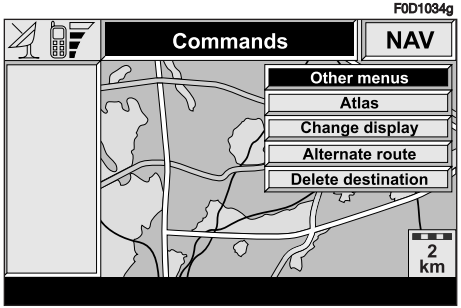


fig. 47

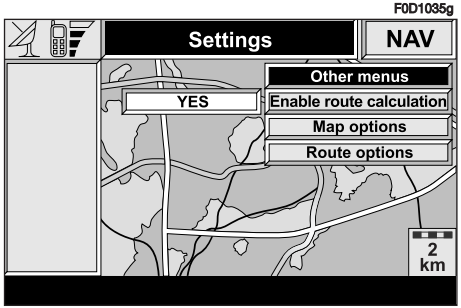


fig. 48

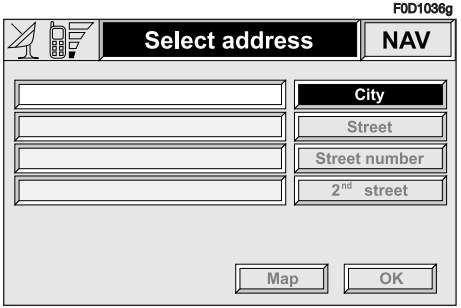


fig. 49

**"Place name"**

The (destination) city name is entered by selecting and confirming "Place name" option in the "Address" function submenu with the knob **22-fig. 1**, thus displaying the name entry field **fig. 50**.

The display has available all characters and the "Delete" (to delete the complete line), "Delete character" (to delete the last entered letter), "List" (list of stored items compatible with the entered characters) and "Space" (to enter blank space between the characters) options. Moreover, a zoom is available in the display lower part to highlight the selected character.

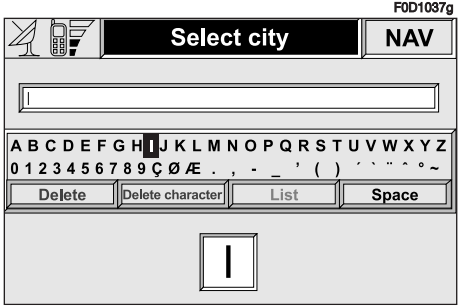


fig. 50

Enter the characters by selecting and confirming them using the knob **22-fig. 1**.

For city name entry, it is advisable to select "List", after entering a few characters and then select the destination directly using the knob **22-fig. 1**.

In fact, when "List" is selected, the computer starts a quick search for a city name matching the entered characters in the stored list. The city field is automatically filled as soon as a matching city is found on the list.

In order to quicken character entry, the system automatically moves to the beginning or the end of the list when the cursor is taken in front of the first character and after the last one, respectively.

If a combination between two characters is possible (a letter of the alphabet and a symbol), it will automatically be replaced by the corresponding single character: for example, entering "E" first and them " ¨ " the two characters will be replaced by the only character "Ë". The blank space and symbols . , - _ ' ( ) are used to separate the words.

After selecting the place name, press knob **22-fig. 1** to confirm it and continue with next page to enter the street; press the "ESC" key **23-fig. 1** to return to the previous display without entering new cities.

**"Street"**

The destination street name is entered, after selecting the city, by selecting and confirming with the knob the "Street" option in the "Address" function submenu **22-fig. 1**, thus displaying the name entry page.

Entering the destination street name is obtained with the same procedure used for "Place name".

Entering the character "⊙" instead of the street, the chosen city "centre" is selected as the destination, therefore the "Street number" and "2nd street" fields are not to be filled in.

The navigation system always takes you to the centre in case of very small towns.

After setting the street name, press knob **22-fig. 1** to confirm and continue with the following page for street number entry; press the "ESC" key **23-fig. 1** to return to the previous screen without setting the street.

### "Street number"

Entering the destination street number is obtained, after entering the street, by selecting and confirming the "Street number" option from the "Address" function submenu using knob **22-fig. 1**, thus displaying the entry page **fig. 51**.

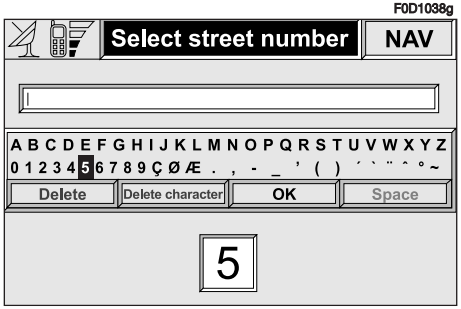


fig. 51

The display contains all the available characters and numbers, as well as "Delete" (to delete the complete line), "Delete character" (to delete the last entered character), "OK" (to confirm entry) and "Space" (to enter a blank space between the characters) options. Moreover, a zoom is available in the display lower part to highlight the selected number.

To enter the numbers select and confirm them using knob **22-fig. 1**.

### "2nd street"

This option is used to enter the name of a second street that intersects the first entered street, so that the selected destination is the intersection between the two streets.

The second street name may be entered, after the city and the first street entry, by selecting and confirming with the knob **22-fig. 1** the "2nd street" option from the "Address" function submenu, thus displaying the associated entry page.

The second street name may be entered using the same procedure adopted for "Place name".

### "OK"

After entering the place name, street and street number, select and confirm "OK" with the knob **22-fig. 1**; press the "ESC" key **23-fig. 1** to return to the previous display without storing the new settings.

Confirming "OK" accesses a new screen with the "Destination" and "Directory" functions, which makes it possible to decide what to do with the new destination entered.

### "Destination"

Select "Destination" to choose among the "Enter", "Replace" and "Delete" options **fig. 52**.

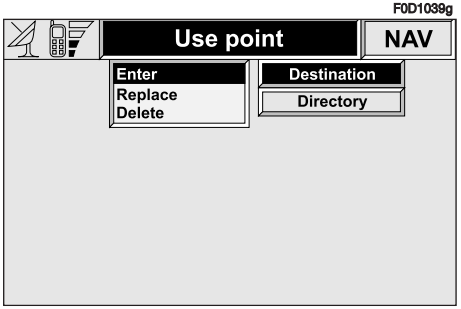


fig. 52

The "Enter" function is used to add a new destination to the list containing the last 8 destinations entered and specify its location. The required location must be selected and confirmed using knob **22-fig. 1**. If no space is available in the list, a location may freed using the "Delete" function.

The "Replace" function is used to change the new selected destination with a previous one. After scrolling the list of destinations and highlighting one using knob **22-fig. 1**, press the knob and then select the location where the destination is to be entered and press the knob again.

## IMPORTANT NOTES

– The list is displayed if at least one destination is present; otherwise, the new destination is automatically entered in the first destination list location.

– When the new destination is entered or replaced with one on the list, the navigation system informs the user that route calculation has begun; during calculation, the navigation CD-ROM cannot be removed.

The "Delete" function is used to display up to 8 destinations to be deleted from the navigation memory. Select the destination to be deleted and confirm using knob **22-fig. 1**.

### "Directory"

This function is used to associate a name (e.g. "Casa" - Home) to the stored destinations for easy retrieval **fig. 53**.

The name to be associated with the destination can be entered, after selecting and confirming "Name" in the submenu of the "Directory" function using knob **22-fig. 1**, thus displaying the corresponding setup page **fig. 54**.

The screens contains all the characters and numbers and the "Delete" (for deleting the whole line), "Delete character" (for deleting the last character entered), "OK" (for confirming the entry) and "Space" (for entering a blank space between the characters).

A zoom is also available in the lower part of the display to highlight the number selected.

To enter the characters simply select and confirm them with the knob **22-fig. 1**.

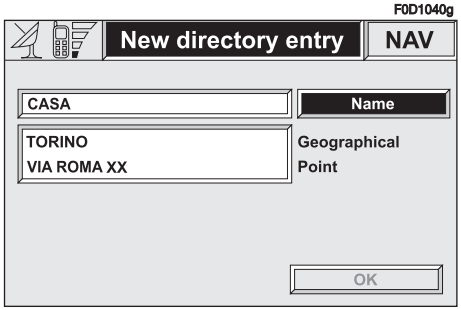


fig. 53

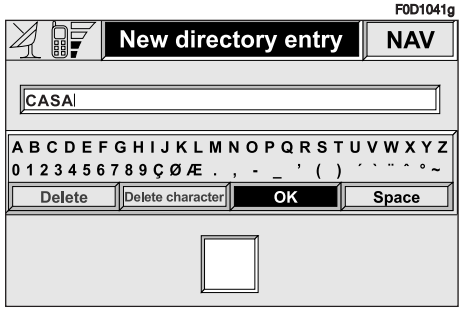


fig. 54

Enter the name and confirm with "OK". The system informs the user if the name is already present, with the possibility to change it: if the user chooses to change it, a window with the name to be corrected is displayed, otherwise, the system returns to the main navigation function page and stores also the new destination with the name already present in the list.

**"Map"**

When selecting this menu function to enter the destination, a map section is displayed where the destination is identified by a white cross-shaped cursor **fig. 55**.

The map is always represented with north in the top of the display and with "100 m" scale.

The right-hand part of the display contains the options "⬅➡" (horizontal movement) and "⬆⬇" (vertical movement), "Scale" and "OK".

The move functions are used to move the cursor, which represents the destination, directly on the map, in order to change the destination.

The "Scale" function **fig. 56** is used to change the map representation scale. The available scales are: 100 m, 200 m, 500 m, 1 km, 2 km, 5 km, 10 km, 20 km, 50 km, 100 km, 200 km.

At the end of the settings is necessary to confirm with "OK". If the destination has been changed by moving the cursor directly on the map a new screen appears **fig. 57** with the functions "Destination", "Directory", "Service Info", "RDS TMC" and "Locate".

The "Destination" and "Directory" functions have already been described previously. The "Service Info" function provides information about any service selected, while the "RDS TMC" function is described in detail in a later paragraph.

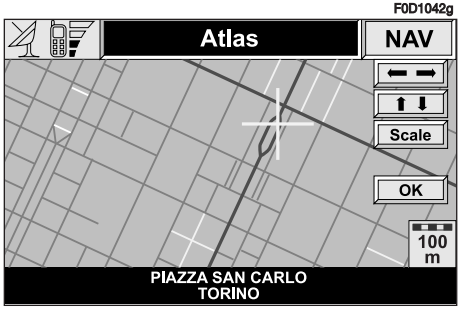

fig. 55

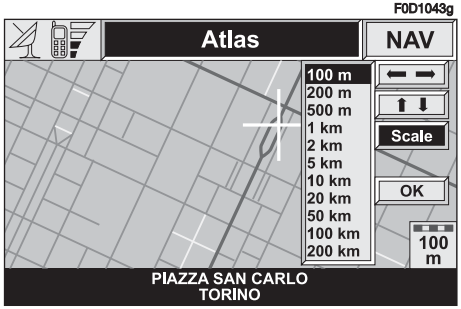

fig. 56

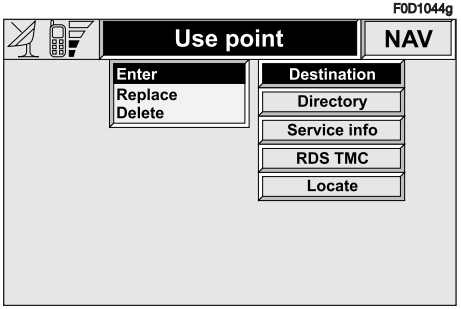

fig. 57

The "Locate" function is used to display the vehicle position on the map with the corresponding pictogram **fig. 58**.

## POINTS OF INTEREST – USEFUL SERVICES FILES

This function is used to obtain a file containing the location and information on points of general interest such as, for example, restaurants, museums, stations etc., divided by category.

Select "Points of interest" on the first navigation menu page to obtain a submenu with the following required service selection criteria **fig. 59**:

– Near car

– Near destination

– Near address

– Name.

The procedure to enter the selected service indications (category, city, street, street number) is the same used for the "Address" function contained in the previous paragraph.

### "Near car"

This is used to identify the required services near the current vehicle position. The available options are "Category" and "List of services" **fig. 60**.

After selecting the required service, associated information and location may be obtained using "Info" and "Map". Confirm by selecting "OK".

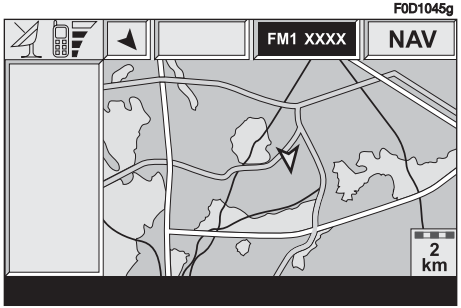


fig. 58

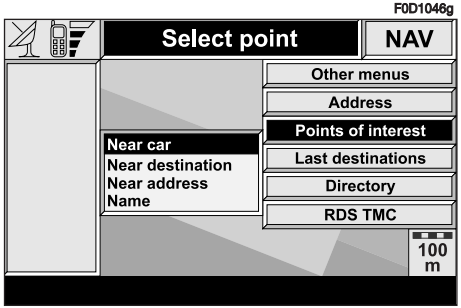


fig. 59

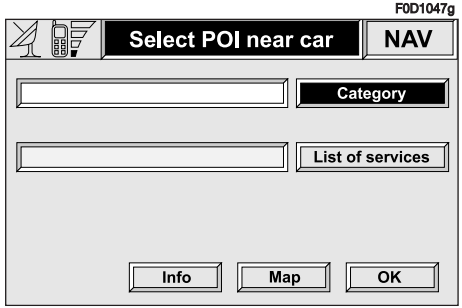


fig. 60

### "Near destination"

It is used to identify the required service near to the selected destination. The available options are "Destination", "Category" and "List of services" **fig. 61**.

After selecting the destination and selected service, information may be obtained and the service may be located using "Info" and "Map". Confirm the selection with "OK".

### "Near address"

This is used to identify the services sought nearest to the address set. The available options are "Category", "Place name", "Street", "Street number" and "List of services" **fig. 62**.

After selecting the required service, associated information and location may be obtained using "Info" and "Map". Confirm by selecting "OK".

### "Name"

Service selection by "Name" is used to select a known service as the destination by entering "Category", "Place name" and "Service name".

After confirming the selected service, associated information and location may be obtained using "Info" and "Map". Confirm the selection with "OK".

## LAST DESTINATIONS

Selecting "Last destinations" from the first navigation function page, the list of the last ten entered destinations is obtained. Selecting and confirming a destination, the map is displayed and the destination is represented by a white cross-shaped cursor **fig. 63**.

For the description of the options available for this new display, see "Map" in the "Address – Destination entry" paragraph.

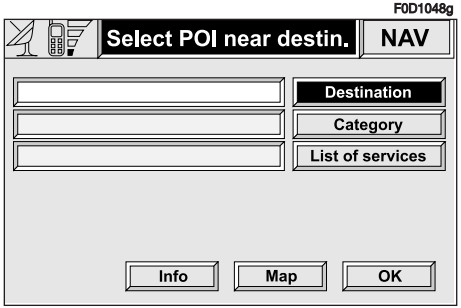


fig. 61

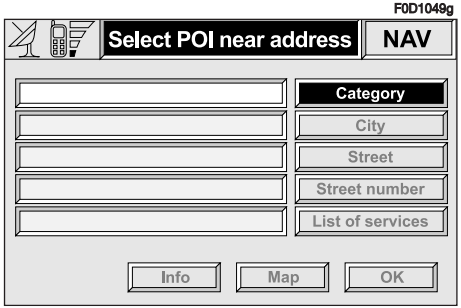


fig. 62

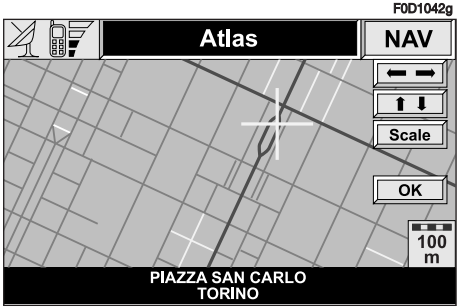


fig. 63

## DESTINATION DIRECTORY

Using the knob **22-fig. 1** to select and confirm the "Directory" function on the first page of the navigation menu, accesses the page with the characters for entering the "Name" of the chosen destination.

To enter the name proceed as described previously for "Address": selecting "List" it is possible to directly access the list of filed destinations (e.g. "Casa" - Home) **fig. 64**.

When confirming the destination, the system displays a page with other field information and the "Destination", "Change", "Delete" and "Map" functions **fig. 65**.

For information on how to use these functions and corresponding submenus, see the previous "Address – Destination entry" paragraph.

## RDS TMC – INFORMATION OF GENERAL INTEREST

Selecting and confirming the "RDS TMC" function on the first navigation menu page using knob **22-fig. 1**, the "Near car" and "Near address" options are made available to identify a geographical point for which RDS TMC general interest information is required (for example: accidents, queues, bottlenecks, fog, etc.) **fig. 66**.

The RDS TMC information may be represented by symbols that appear on the map or by a list of events.

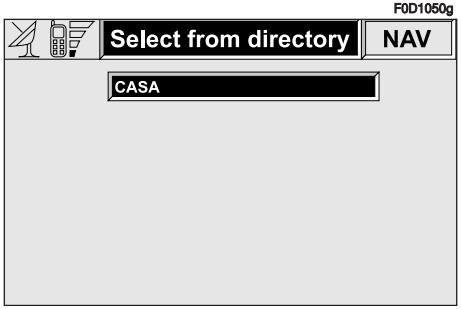


fig. 64

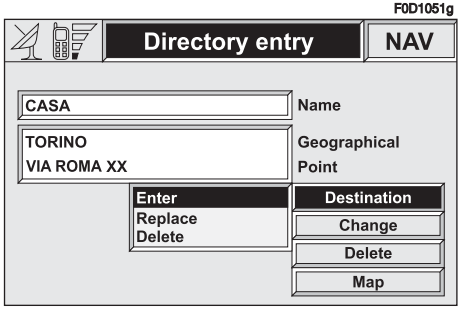


fig. 65

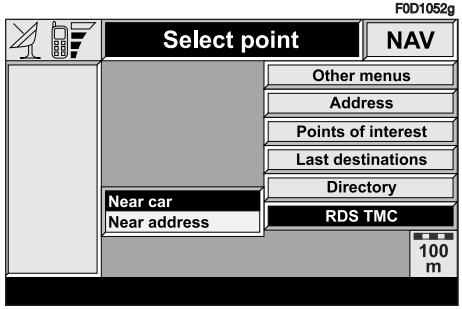


fig. 66

The navigation system is able to handle RDS TMC messages also supplying the location.

Below is the list (continuously updated) with the symbols of the RDS TMC messages and the corresponding meaning.

 1. Queue

 2. Accident

 3. Generic danger

 4. Work in progress

 5. Interrupted street

 6. Mandatory direction

 7. No-access street

 8. Slippery road

 9. Ice/Snow

 10. Fog

 11. Wind

 12. Procession/Protest

 13. Danger of explosion

 14. Slow down

 15. Lighted warning sign fault

 16. Parking

 17. Forecast.

The RDS TMC events are classified with their number and category; the categories are:

**Traffic** (information on traffic and road conditions)

**Weather** (information on weather conditions)

**General information** (information on general interest issues).

**"Near car"**

The submenu obtained when selecting this option is used to enter the RDS TMC events involving the areas near the current vehicle position.

The available functions are "Category" and "List of events" **fig. 67**.

The "Category" function is used to enter the category of the events for which information is required; the available categories, shown in the table, are:

– Traffic

– Weather

– Info

– All.

The "List of events" function is used to obtain the list of all RDS TMC events for the user to select the events for which information is wanted.

After confirming the selected events, the user may obtain additional information by the "Info" function. The "Map" function is used to display the map section near the event. Confirm the selection with "OK".

**"Near address"**

The submenu obtained when selecting this option is used to look for the RDS TMC events concerning the selected city.

The functions available are "Category", "Place name", "Street", "Street number" and "List of events" **fig. 68**.

The "Category" function is used to enter the category of the events for which information is required; the available categories, shown in the table, are:

– Traffic

– Weather

– Info

– All.

The "Place name", "Street" and "Street number" functions are used to enter the address of the place concerned; for information on how to enter these data, see the previous paragraph "Address – Destination entry".

The "List of events" function is used to obtain the list of all RDS TMC events for the user to select the events for which information is wanted.

After confirming the events chosen it is possible to access any related information with the "Info" function. With the "Map" function it is possible to display the portion of map near the event.

After setup confirm with "OK".

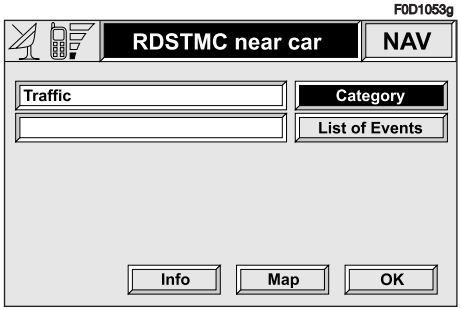


fig. 67

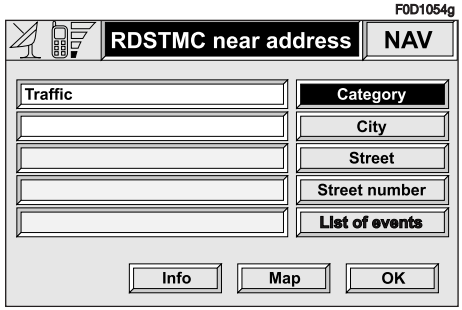


fig. 68

## ATLAS – DESTINATION ENTRY IN THE MAP

Choosing the "Atlas" function on the second page of the navigation menu, it is possible to enter the destination directly on the map.

In fact, the display shows the map and a cursor in the form of a white cross which represent the destination **fig. 69**.

The map is always represented with north in the top of the display and with "100 m" scale.

The right-hand part of the display contains the options "⬅➡" (horizontal movement) and "⬆⬇" (vertical movement), "Scale" and "OK".

The move functions are used to move the cursor directly on the map to move the destination.

The "Scale" function **fig. 70** is used to change the map representation scale. The available scales are: 100 m, 200 m, 500 m, 1 km, 2 km, 5 km, 10 km, 20 km, 50 km, 100 km, 200 km.

After setup confirm with "OK".

After confirming a new screen is shown on the map **fig. 71** with the functions "Destination", "Directory", "Service Info", "RDS TMC" and "Locate".

"Destination" and "Directory" functions have already been described previously in the "Address - Destination entry" paragraph.

The "Service Info" function provides information on all selected services, while the "RDS TMC" function has already been described.

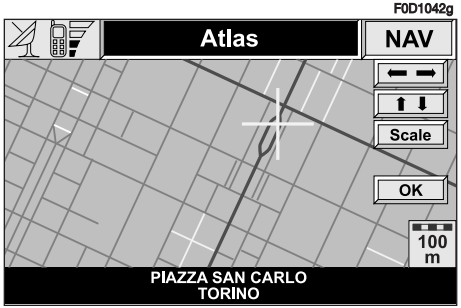


fig. 69

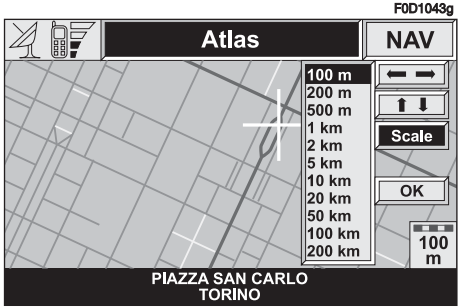


fig. 70

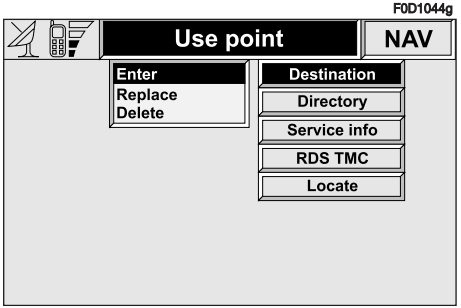


fig. 71

The "Locate" function is used to display the vehicle position on the map with associated pictogram **fig. 72**.

## CHANGE DISPLAY – INFORMATION ON DISPLAY

When selecting the "Change display" function on the second page of the navigation menu, displayed information may be entered.

The available options are **fig. 73**:

– Map

– Whole route

– GPS info

– Route info

– Highway info.

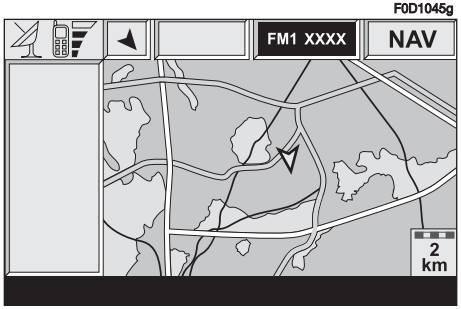


fig. 72

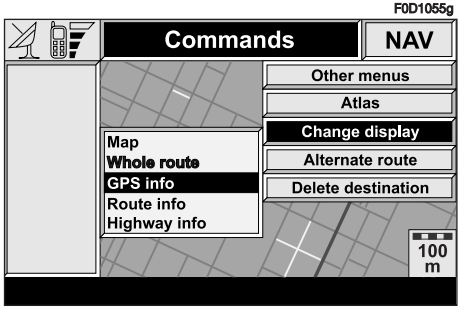


fig. 73

### "Map"

When this option is selected, the display shows the map with the two following turns displayed on the left-hand side.

### "Whole route"

With this option, that may be selected only after the system has calculated the route, the display shows the complete route between current vehicle position and destination.

### "GPS info"

When this function is activated, the display shows the current vehicle position (longitude, latitude, altitude) as well as the number of GPS satellites in reception. The vehicle is graphically represented by a symbol within the cardinal points.

### "Route info"

With this option, that may be selected only after the system has calculated the route, it is possible to highlight the list with the current destinations (with a maximum of 8).

**"Highway info"**

This option, that can be activated only on highways, provides information about the next two exits (name and distance from current position) and about service areas (distance from current position).

## ALTERNATIVE ROUTE

Selecting "Alternative route" on the second page of the navigation menu, the user asks the system, if possible, to locate a new route compared with the one calculated previously to reach the destination.

Calculation of the new route starts from the vehicle current position and ends at the distance set by the user. After calculating the new route, the display shows the route differences and the time estimated for reaching the destination asking to confirm (YES/NO) if the user intends to adopt the new route.

Confirming, the navigation system will replace the current route with the alternate one, while cancelling the original route will be followed.

If no alternate routes may be identified, a warning message is displayed.

## DELETE DESTINATIONS

This function, available on the navigation menu second page, is used to delete the selected destination from the memory.

## ENABLE ROUTE CALCULATION

The "Enable route calculation" option, accessible from the third page of the navigation menu is for enabling road guide or not (YES/NO). Keeping trace of the vehicle position and the recommended route, it is possible to activate/cease the pronouncement and display of the sequence of manoeuvres to be accomplished and calculation of the distances in relation to the next manoeuvres.

## MAP OPTIONS

When this function is selected on the navigation menu third page, a new page is displayed with the following submenus **fig. 74**:

– Draw map

– Zoom intersection

– Draw icon

– Draw wording

– Draw RDS-TMC

– Draw areas

– OK.

### "Draw map"

This function is used to select map orientation on the display.

The available options are **fig. 75**:

– Oriented towards north

– Oriented automatically.

The map position is not updated in real time, but only after the vehicle has covered a certain distance or has changed direction, turning by at least 5 degrees.

When the first option is set, the map is shown oriented towards north and the vehicle icon is oriented accordingly.

Selecting the automatic orientation option, the navigation system will automatically display the map oriented in the vehicle direction when low scale values are selected (from 100 m to 2 km) and oriented towards north with high scale values (from 5 km to 200 km).

### "Zoom intersection"

This option is used to enable or disable (YES/NO) the map zoom option when the vehicle approaches an intersection.

### "Draw icon"

This option is used to deactivate or activate the map representation with icons, selected points of interest (for example: hotels, service stations, restaurants, etc.).

In order to deactivate icon representation, select and confirm "NO", to activate it, select and confirm the required services from the list.

### "Draw wording"

This option is used to enable or disable (YES/NO) the city name display on the map.

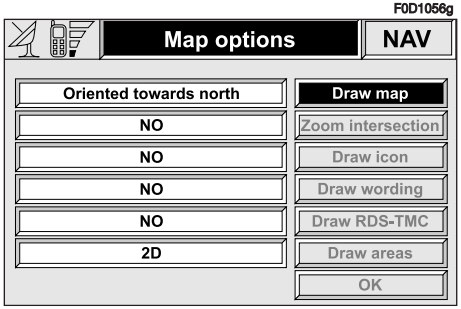


fig. 74

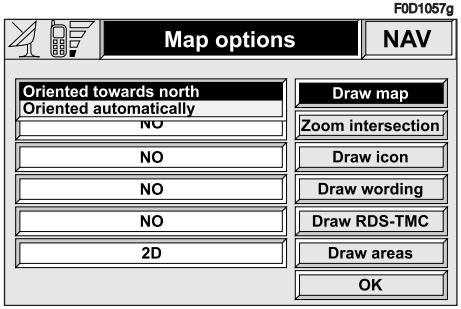


fig. 75

### "Draw RDS TMC"

This option is used to activate or deactivate icon representation on the map of RDS TMC categories of events ("NO", "Traffic", "Weather", "Info").

In order to deactivate the icon representation, select and confirm "NO", to activate it, select and confirm one of the categories from the list. Only one category may be represented on the map at a time.

### "Draw areas"

When this function is selected, the following map representation options are obtained:

– NO (representation with street, rivers, etc.)

– 2D (representation with coloured segments and polygons)

– 3D (three-dimensional representation).

### "OK"

In order to activate the new setting, select and confirm "OK" with the knob**22-fig. 1** conversely, press the "ESC" key **23-fig. 1** to return to the previous display and keep the previous settings.

## ROUTE OPTIONS

When selecting this function on the navigation menu third page, a new page is obtained to enter the route calculation user's preferences **fig. 76**. The navigation system automatically makes available only the options that may actually be activated.

The available functions are:

– Route type

– Motorway

– OK.

### "Route type"

This function is used to select one of the main route calculation criteria, i.e. "Shortest time" or "Shortest distance".

In the first case, the navigation system will choose a highway or freeway route; with the second option, the shortest route will be identified.

### "Motorway"

With this option, the user defines whether the navigation system route calculation is to include highways or not (YES/NO).

### "OK"

In order to activate the new setting, select and confirm "OK" with the knob **22-fig. 1** conversely, press the "ESC" key **23-fig. 1** to return to the previous screen and keep the previous settings.

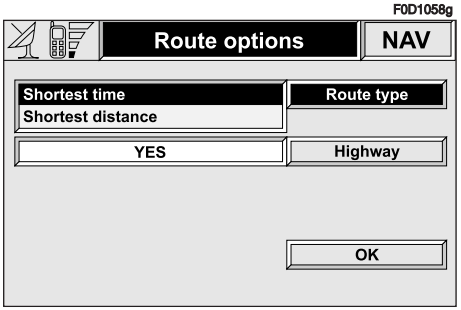


fig. 76

# ON-BOARD COMPUTER (TRIP)

## GENERAL INFORMATION

To access the on-board computer screen, press the "TRIP" key **21-fig. 1**; to go back to the MAIN screen press key **23-fig. 1**.

The on-board computer provides a series of helpful data relevant to the last path selected through the NAV function (see "Navigator" section).

The information available includes **fig. 77**: Average speed, distance traveled; Trip time; Distance to destination; E.A.T.(estimated arrival time).

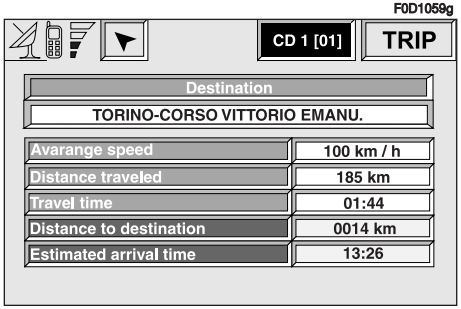


fig. 77

**"Average speed"**

This information, displayed only when the navigation function is on, shows the average speed of the vehicle calculated since the beginning of the trip set with the navigation function.

The value is expressed according to the choice performed in the "Setup / Setup-CONNECT / Distance units" menu (see "Main screen - MAIN").

**"Distance traveled"**

This information, displayed only when the navigation function is on, shows the distance in km traveled since the beginning of the trip set with the navigation function.

The value is expressed according to the choice performed in the "Setup / Setup-CONNECT / Distance units" menu (see "Main screen - MAIN").

**"Trip time"**

This information, displayed only when the navigation function is on, shows the time elapsed since the beginning of the trip. The value is expressed in "(h) (m)" (hours and minutes).

**"Distance to destination"**

This information, displayed only when the navigation function is on, shows the distance (the value is expressed according to the choice performed in the "Setup / Setup-CONNECT / Distance Units"; see "Main screen - MAIN") between the current position of the vehicle and the destination set.

**"E.A.T."**

This information, displayed only when the navigation function is on, shows the presumed time at which the destination set will be reached. The time is shown in "hh:mm" (hours and minutes).

The estimated time of arrival is obtained increasing by about 30% the remaining travelling time, calculated on the basis of the average speed added to the current time.

# VOICE RECOGNITION

## GENERAL INFORMATION

With the "Voice recognition" function the user can control the CONNECT Nav+ by voice. By means of "Voice recognition", the user can send commands to the system through a microphone: short push on •)) **14-fig. 1** set on the front panel enable voice command interpretation. The CONNECT Nav+ system will provide voice help to guide the user get the required function.

Press again •)) **14-fig. 1** to stop the procedure.

Voice recognition is performed two ways:

– **voice recognition without voice identification**;

– **voice recognition with voice identification**.

Commands **without voice identification** activate the main system functions (TEL, RADIO, CD etc.).

Commands **with voice identification** makes it possible to enter / recall names in the phone directory and/or navigation addresses.

In the first case (voice recognition without voice identification), the system is able to receive the voice commands regardless of the user's sex and voice tone and inflexion.

No preliminary training phase is required, just follow the instructions given by the system each time.

In the second case (voice recognition with voice identification), the system is able to recognise the required command comparing the voice command pronounced to the corresponding voice sample previously stored by the user.

**IMPORTANT** The voice recognition and message store operations are immediately interrupted in the event of incoming calls; in this case, at the end of the call, the whole operation must be repeated. Conversely, incoming SMS text messages do not interrupt the operations.

# VOICE COMMANDS

Voice commands, identified as "keywords", that the system is able to recognize are organized according to three increasing levels: 1st level, 2nd level, 3rd level. 1st level keywords activate the following main system functions: Memo; Radio; CD player; Navigator, Telephone.

When a 1st level keyword is pronounced, the system will activate 2nd level keywords; when a 2nd level keyword is pronounced, the system will activate 3rd level keywords.

If the user pronounces a 1st level keyword, then the submenu relevant to that command will remain active until another 1st level keyword is given; the same rule applies for the other lower levels (2nd and 3rd).

If too much time passes between a command and another of lower level the system will invite the user to continue by voice message "Can I help you?".

1st level keywords are the following:

– Memo
– Radio
– CD player
– Navigator
– Call
– Dial
– Redial
– PIN code
– Directory
– Abort.

**KEYWORDS - Summary**

The following tables show the list /divided according to function) of voice commands ("keywords") that the system can receive.

**"Memo" function**

**VOICE COMMANDS - KEYWORDS**

| 1st LEVEL KEYWORDS | 2nd LEVEL KEYWORDS | 3rd LEVEL KEYWORDS | REQUIRED FUNCTION |
|---|---|---|---|
| Memo | | | Memo ("Voice memo" function) |
| | Read | | Read a message |
| | Delete | | Delete all messages |
| | Record | | Record memo |

## "Radio" function

**VOICE COMMANDS - KEYWORDS**

| 1st LEVEL KEYWORDS | 2nd LEVEL KEYWORDS | 3rd LEVEL KEYWORDS | REQUIRED FUNCTION |
|---|---|---|---|
| Radio | | | Tuner |
| | Next | | Tune next radio station |
| | Previous | | Tune previous radio station |
| | FM | | Select FM band |
| | | (1 …. 3) | |
| | MW | | Select MW band |
| | LW | | Select LW band |
| | Memory | | Select one station in the band |
| | | (1 …. 6) | |
| | Autostore | | If FM station is tuned: FMAST band is selected. If LW or MW station is tuned: AMAST band is selected. |
| | Tune | | Valid only if selected band is FMAST or AMAST: autostore function activation. |
| | Frequency (*) | | Tuning on special frequency |
| | | (0 …. 9)<br>"Point"<br>Cancel<br>Delete<br>Abort<br>Repeat<br>Send | |

Once a command has been pronounced and executed, second level "keywords" and all first level keywords will remain available for further commands. (*) After this command the system will ask: "The frequency, please".

**"Integrated CD player" function**

**VOICE COMMANDS - KEYWORDS**

| 1st LEVEL KEYWORDS | 2nd LEVEL KEYWORDS | 3rd LEVEL KEYWORDS | REQUIRED FUNCTION |
|---|---|---|---|
| CD Player | | | Integrated CD Player |
| | Stop | | Stop |
| | Play | | Play |
| | Pause | | Pause |
| | Previous | | Previous track |
| | Next | | Next track |
| | Track | | Select track by number (*) |
| | | (1 …. 20) | |
| | Random | | Random play |

Once a command has been pronounced and executed, second level "keywords" and all first level keywords will remain available for further commands.

(*) Direct track selection for MP3 CDs is not available .

**"Navigator" function**

**VOICE COMMANDS - KEYWORDS**

| 1st LEVEL KEYWORDS | 2nd LEVEL KEYWORDS | 3rd LEVEL KEYWORDS | REQUIRED FUNCTION |
|---|---|---|---|
| Navigator | | | Navigator |
| | Display/show | | |
| | | Map | Show map |
| | | Route | Show route |
| | | Hotels | Show hotels on the map |
| | | Restaurants | Show restaurants on the map |
| | | Parking | Show parking on the map |
| | | Petrol station | Show petrol stations on the map |
| | | Nothing | Nothing (hide what is shown at the moment) |
| | Zoom in | | Zoom in |
| | Zoom out | | Zoom out |

Once a command has been pronounced and executed, the active words for the following commands are the second level keywords of the Navigator menu and all the first level keywords.

## "Telephone" function

### VOICE COMMANDS - KEYWORDS

| 1st LEVEL KEYWORDS | 2nd LEVEL KEYWORDS | 3rd LEVEL KEYWORDS | REQUIRED FUNCTION |
|---|---|---|---|
| Call (*) | | | Call an address book number (only with "voice identification" mode) |
| Dial (**) | | | Call a number |
| | (0 …. 9)<br>Plus<br>Cancel<br>Delete<br>Abort<br>Repeat<br>Send | | |
| Redial | | | Redial |
| PIN code (***) | | | Enter PIN code |
| | (0 …. 9)<br>Cancel<br>Delete<br>Abort<br>Repeat<br>Send | | |
| Address book | | | |
| | Read | | Play all the voice samples associated to the phone book with "voice identification" mode |
| | Delete | | |
| | | Name (*) | Delete an entry from the phone book (only with "voice identification" mode) |
| | | All | Delete all the voice samples associated to the phone book |

Once a command has been pronounced and executed, second level "keywords" and all first level keywords will remain available for further commands.
(*) After this command the system will ask: "The name, please". (**) After this command the system will ask: "The number, please".
(***) After this command the system will ask: "The PIN code, please".

### "Dialogue stop" function

| VOICE COMMANDS - KEYWORDS | | | |
|---|---|---|---|
| 1st LEVEL KEYWORDS | 2nd LEVEL KEYWORDS | 3rd LEVEL KEYWORDS | REQUIRED FUNCTION |
| Abort | | | Dialogue stop |

### Dialogue keywords

During the "conversation" with the voice recognition system, the user can modify the conversation sequence, using the "keywords" listed in the following table:

| VOICE COMMANDS KEYWORDS | REQUIRED FUNCTION |
|---|---|
| Abort | Current operation is aborted |
| Delete | CONNECT Nav+ cancels last user's command |
| Cancel | CONNECT Nav+ cancels all user's commands |
| Repeat | CONNECT Nav+ repeats user's commands |
| Send | CONNECT Nav+ performs the required function |
| No | Abort operation |
| Yes | Confirm operation |

# VOICE COMMAND EXAMPLES

### Tuning a radio frequency

Pronouncing 1st level keyword "Radio" and then the 2nd level one "Frequency", opens a dialogue enabling the following keywords:

– [0..9]

– Point

– Cancel

– Delete

– Abort

– Repeat

– Send.

**First example:**

| | |
|---|---|
| User: | Radio - Frequency |
| CONNECT: | The frequency, please |
| User: | 1-0-5-Point-5 |
| CONNECT: | 1-0-5-Point-5 |
| User: | Send |
| CONNECT: | The frequency is being tuned. |

**Second example:**

| | |
|---|---|
| User: | Radio - Frequency |
| CONNECT: | The frequency, please |
| User: | 9-6 |
| CONNECT: | 9-6 |
| User: | Point-5-0 |
| CONNECT: | Point-5-0 |
| User: | Send |
| CONNECT: | The frequency is being tuned. |

**Third example:**

| | |
|---|---|
| User: | Radio - Frequency |
| CONNECT: | The frequency, please |
| User: | 1-0-6 |
| CONNECT: | 1-0-6 |
| User: | Point-7 |
| CONNECT: | Point-7 |
| User: | Delete |
| CONNECT: | 1-0-6 |
| User: | Point-6 |
| CONNECT: | Point-6 |
| User: | Repeat |
| CONNECT: | 1-0-6-Point-6 |
| User: | Send |
| CONNECT: | The frequency is being tuned. |

### Dialling a telephone number

Pronouncing 1st level keyword "Dial" opens a dialogue enabling the following keywords:

– [0..9]

– Plus (+)

– Cancel

– Delete

– Abort

– Repeat

– Send.

**First example:**

| | |
|---|---|
| User: | Dial |
| CONNECT: | The number, please |
| User: | 0-1-1 |
| CONNECT: | 0-1-1 |
| User: | 1-2-3 |
| CONNECT: | 1-2-3 |
| User: | 4-5-6 |
| CONNECT: | 4-5-6 |
| User: | 7-8 |
| CONNECT: | 7-8 |
| User: | Send |
| CONNECT: | The number is being dialled. |

**Second example:**

| | |
|---|---|
| User: | Dial |
| CONNECT: | The number, please |
| User: | 0-1-1-1-2-3 |
| CONNECT: | 0-1-1-1-2-3 |
| User: | 4-5-6-7-8 |
| CONNECT: | 4-5-6-7-8 |
| User: | Repeat |
| CONNECT: | 0-1-1-1-2-3-4-5-6-7-8 |
| User: | Send |
| CONNECT: | The number is being dialled. |

**Third example:**

| | |
|---|---|
| User: | Dial |
| CONNECT: | The number, please |
| User: | 0-1-1-1-2-3 |
| CONNECT: | 0-1-1-1-2-3 |
| User: | 4-5-6-7-8 |
| CONNECT: | 4-5-6-7-7 |
| User: | Repeat |
| CONNECT: | 0-1-1-1-2-3-4-5-6-7-7 |
| User: | Delete |
| CONNECT: | 0-1-1-1-2-3 |
| User: | 4-5-6-7-8 |
| CONNECT: | 4-5-6-7-8 |
| User: | Send |
| CONNECT: | The number is being dialled. |

**Enter PIN code**

Pronouncing 1st level keyword "PIN code", opens a dialogue enabling the following keywords:

– [0..9]

– Cancel

– Delete

– Abort

– Repeat

– Send.

**First example:**

| | |
|---|---|
| User: | PIN code |
| CONNECT: | The PIN code, please |
| User: | 1-2-3-4 |
| CONNECT: | 1-2-3-4 |
| User: | Send |
| CONNECT: | The PIN code is being dialled. |

**Second example:**

| | |
|---|---|
| User: | PIN code |
| CONNECT: | The PIN code, please |
| User: | 1-2 |
| CONNECT: | 1-2 |
| User: | 3-4 |
| CONNECT: | 3-4 |
| User: | Send |
| CONNECT: | The PIN code is being dialled. |

**Third example:**

| | |
|---|---|
| User: | PIN code |
| CONNECT: | The PIN code, please |
| User: | 1-2 |
| CONNECT: | 1-2 |
| User: | 3-4 |
| CONNECT: | 3-8 |
| User: | Delete |
| CONNECT: | 1-2 |
| User: | 3-4 |
| CONNECT: | 3-4 |
| User: | Repeat |
| CONNECT: | 1-2-3-4 |
| User: | Send |
| CONNECT: | The PIN code is being dialled. |

### Storing an entry in the address book with voice identification

The user can insert into the telephone book a voice sample associated to a number (only with "voice identification" mode).

Recording stage cannot be performed through voice commands (for further details see section "Cellular telephone with voice commands" at paragraph "Directory function – Voice recognition").

User can stop the operation only by pressing the front panel key •)) **14-fig. 1**:

**First example:**

| | |
|---|---|
| CONNECT: | The name, please |
| User: | Barbara |
| CONNECT: | Please, repeat the name |
| User: | Barbara |
| CONNECT: | The name has been stored. |

Second example:

| | |
|---|---|
| CONNECT: | The name, please |
| User: | Francesca |
| CONNECT: | Please, repeat the name |
| User: | Maria |
| CONNECT: | The name has not been stored. The name, please |
| User: | Francesca |
| CONNECT: | Please, repeat the name |
| User: | Francesca |
| CONNECT: | The name has been stored. |

### Calling an entry from the address book with voice recognition

Pronouncing 1st level keyword "Call", opens a dialogue enabling the following keywords:

– Cancel

– Delete

– Abort

– Repeat

– Send.

**First example:**

| | |
|---|---|
| User: | Call |
| CONNECT: | The name, please |
| User: | Paola |
| CONNECT: | Paola |
| User: | Send |
| CONNECT: | The number is being dialled. |

**Second example:**

| | |
|---|---|
| User: | Call |
| CONNECT: | The address book is empty. |

**Third example:**

| | |
|---|---|
| User: | Call |
| CONNECT: | The name, please |
| User: | Paoletta |
| CONNECT: | Please repeat |
| User: | Paola |
| CONNECT: | Paola |
| User: | Send |
| CONNECT: | The number is being dialled. |

**Fourth example:**

| | |
|---|---|
| User: | Call |
| CONNECT: | The name, please |
| User: | Anna |
| CONNECT: | Vanna |
| User: | Repeat |
| CONNECT: | Vanna |
| User: | Cancel |
| CONNECT: | The name, please |
| User: | Anna |
| CONNECT: | Anna |
| User: | Send |
| CONNECT: | The number is being dialled. |

**Deleting a name from the address book**

Pronouncing 1st level keyword "Address book" and then "Delete" and "Name", will open a dialogue enabling the following keywords:

– Yes

– No

– Cancel

– Delete

– Abort

– Repeat.

**First example:**

| | |
|---|---|
| User: | Address book - Delete - Name |
| CONNECT: | The name, please |
| User: | Barbara |
| CONNECT: | Do you wish to delete (Barbara)? |
| User: | Yes |
| CONNECT: | The name has been deleted. |

**Second example:**

| | |
|---|---|
| User: | Address book - Delete - Name |
| CONNECT: | The name, please |
| User: | Vanna |
| CONNECT: | Do you wish to delete (Anna)? |
| User: | Repeat |
| CONNECT: | Do you wish to delete (Anna)? |
| User: | No |
| CONNECT: | Abort. |

**Third example:**

| | |
|---|---|
| User: | Address book - Delete - Name |
| CONNECT: | The address book is empty. |

**Fourth example:**

| | |
|---|---|
| User: | Address book - Delete - Name |
| CONNECT: | The name, please |
| User: | Paola |
| CONNECT: | Do you wish to delete (Paola)? |
| User: | Cancel |
| CONNECT: | The name, please |
| User: | Elena |
| CONNECT: | Do you wish to delete (Elena)? |
| User: | Yes |
| CONNECT: | The name has been deleted. |

**Stopping the dialogue**

To stop a dialogue, pronounce "Abort" keyword. Keywords entered before pronouncing "abort", are deleted.

"Abort" is recognized by the system only in "voice recognition without voice identification" mode.

**First example:**

| | |
|---|---|
| CONNECT: | The destination, please |
| User: | Office |
| CONNECT: | Office |
| User: | Abort |
| CONNECT | Abort. |

# INFORMATION AND ASSISTANCE SERVICES

When the **25-fig. 1** is pressed, the screen is shown for requesting Information and Assistance Services **fig. 78**, regardless of the page shown previously on the display.

## IMPORTANT NOTES

– "112" is the emergency call service for all countries in which this public service is available. The "Emergency 112" call can always be activated, even if the telephone card is not inserted in the slot **27-fig. 1**.

– If the PIN code has not been entered, in the case of a request for services the user is warned of the need to the enter the PIN code.

– The activation of calls for assistance is subordinate to whether the cell phone is working and correctly supplied electrically. Therefore in the event of accidents or damage to the vehicle it might not be available.

The menu includes the following functions:

– Infomobility *

– Medical advice *

– Roadside assist. *

– Personal number

– Emergency 112

– Settings.

(*) These pay services, run by **Targasys**, can be activated on request. If the user has not yet subscribed to them, the associated menu functions are inactive and the display shows "Subscribed services not enabled" **fig. 79**. During subscription you will be given the activation and deactivation procedures of the Telematic Services offered by **Targasys**.

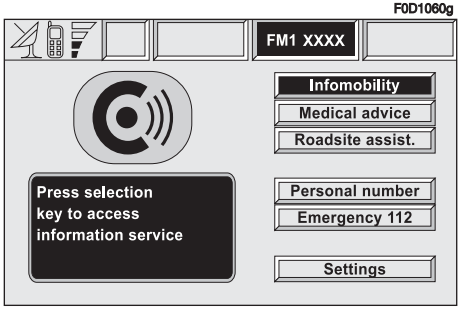


fig. 78

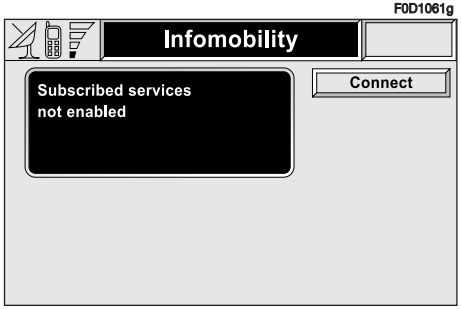


fig. 79

## "Infomobility" FUNCTION

### "Connect"

Selecting "Infomobility" and confirming the "Connect" function **fig. 80** with the knob **22-fig. 1**, sends the request for information.

Upon receiving the request, **Targasys** activates a telephone connection. When the connection is activated the user can ask an operator for the information required.

If it is not possible to activate the telematic connection, the display will show the corresponding warning message. In any case the telematic system will attempt again to connect with the information service offered by **Targasys**.

Some information will be given only vocally by the operator, while others may also be sent with SMS messages, that will be received regardless of the function active (MAIN, AUDIO, etc.). The message will be shown directly on the screen active at that moment, in a window **fig. 81**, containing the "Store", "Delete", "Map" (if the message contains geographical indications) and "Call" (if a telephone number is present).

Choosing the "Store" option the message will be stored, while "Delete" will clear it from the screen and from memory.

Choosing "Map" will automatically display the point on the map, with the possibility to enter it as navigation system destination. In this case the message will also be stored automatically.

Choosing "Call" the telephone number contained in the message will be dialled automatically and the message will be stored.

Should a sequence of messages be received, a specific window will be opened for each of them and for each of them it will be possible to perform the storage, deletion, display on the map or call phone number operations.

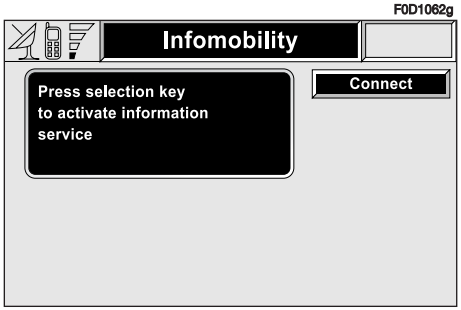


fig. 80


fig. 81

### "Select"

If they are not deleted, all the messages received are stored. The list with all the messages can be seen in the bottom of the display, in the screen with "Infomobility" function **fig. 82**. Every message is identified by an icon which identifies the type, date and time of sending.

To access single messages of the list which may contain information on the traffic, points of interest or weather information, activate the "Select" function with the knob **22-fig. 1**, then turn it to scroll the list of messages (also the invisible part).

When the message you want to read is highlighted, press **22-fig. 1** to view it on the display.

### Traffic information fig. 83

The icon with "T" identifies messages with traffic information (e.g. accidents).

When the message contains geographical information for locating the point, when viewing, "Delete" and "Map" options are made available on the display **fig. 84**.

Selecting and confirming "Delete" eliminates definitively the message from the list, while with "Map" the map is displayed showing the position involved in the event. The screen with the map also shows the corresponding graphic options (zoom, etc.), described previously in the "Map" paragraph of the "NAVIGATOR (NAV)" chapter.

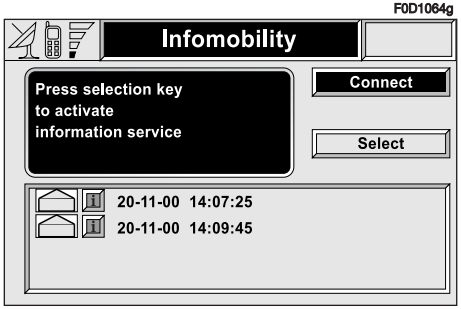

fig. 82

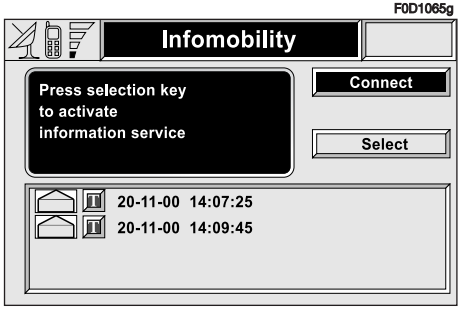

fig. 83

fig. 84

## Information about points of interest fig. 85

The icon with "i" identifies messages with traffic information about points of interest or with generic information.

When the message is shown on the display, the options "Delete", "Map" and "Call" are made available.

Selecting and confirming "Delete" eliminates definitively the message from the list, while with "Map" the map is displayed showing the point of interest that can also be used as destination or entered in the system directory. With the "Call" key, when present, it is possible to send a phone call directly to the number given in the message.

## Generic information

The icon with "i" identifies messages with generic information (weather conditions, atmospheric events, etc.).

When one of these messages, without geographical information for location, is shown on the display, only the "Delete" option is available which allows it to be definitively deleted from the list.

## "Medical advice" FUNCTION

Selecting and activating this function **fig. 86**, after about 10 seconds **fig. 87**, a message calling for medical assistance is forwarded to the **Targasys** operator, completed with the position of the vehicle to allow it to be located.

Activating automatic medical assistance with the "Settings" function shown below, the message is sent simply pressing the button **25-fig. 1**, with no need to select the special function.

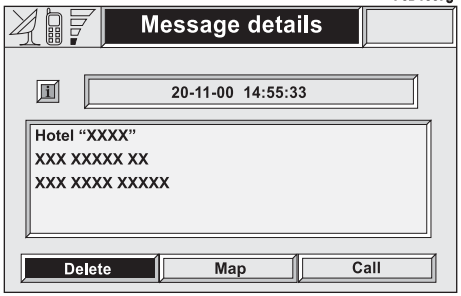


fig. 85

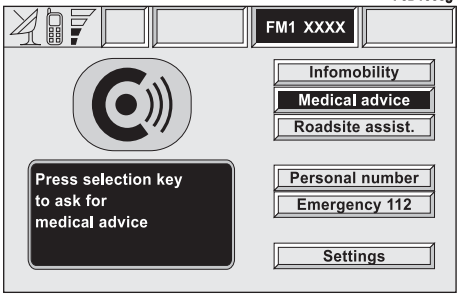


fig. 86

When automatic medical advice is enabled, to avoid accidental forwarding, the user has about 10 seconds, from pressing the key **25-fig. 1**, to interrupt the call: to block the call, simply turn the knob **22-fig. 1** to another option.

**IMPORTANT** The medical advice centre number cannot be set by the user.

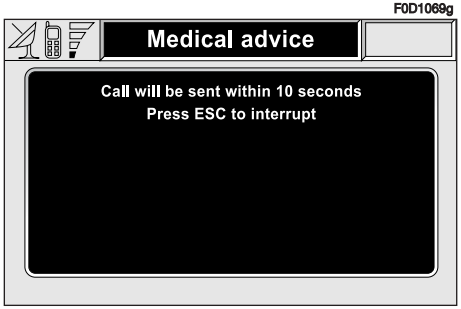


fig. 87

## "Roadside assistance" FUNCTION

Choosing and activating this function on the menu main page , after about 10 seconds a message calling for road assistance is sent to the **Targasys** operator, completed with the position of the vehicle to allow it to be located.

**IMPORTANT** The road assistance centre number cannot be set by the user.

**For both Roadside assistance and Medical Advice calls, if transmission of the telematic call is not successful, automatic dialling of the tollfree number concerning the service required is envisaged, to inform in any case of the need for assistance (this call will be successful only if the area in which the vehicle is has GSM coverage).**

## "Personal number" FUNCTION

Choosing and activating this function on the menu main page , automatically sends a phone call to a number set previously by the user.

The procedure for setting this number is described in the "Settings" paragraph that follows.

### "Emergency 112" FUNCTION

Choosing and activating this function on the menu main page , directly sends a call to the police force.

**IMPORTANT** "112" is the emergency call service for all the countries in which this public service is available. The "Emergency 112" call can always be activated, even if the telephone card is not inserted in the slot **27-fig. 1**.

### "Settings" FUNCTION

Choosing and activating this function on the menu main page , accesses a new screen with the "Connect Code", "Personal number" and "Medical advice" functions **fig. 88**.

### "Connect Code"

This allows you to view the system terminal identification code.

### "Personal number"

Selecting and confirming this function with the knob **22-fig. 1** using the telephone keypad, it is possible to enter the number to be called when the "Personal number" function is activated, on the screen that appears after pressing the key **25-fig. 1** for the emergency call.

### "Medical advice"

The "Medical advice" function allows to activate or deactivate automatic sending of the medical call ("Automatic" or "Manual" medical advice call).

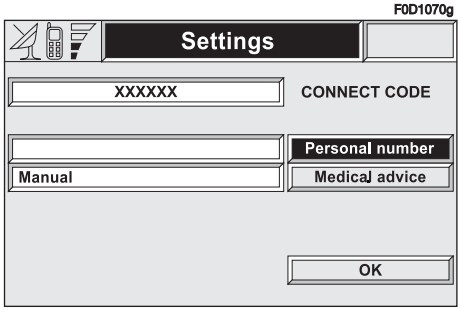


fig. 88

When automatic medical call is enabled, this will be sent by the system about 10 seconds from when the user has pressed the key **25-fig. 1**, with no need to do anything else.

If the user wishes to call for medical assistance when the function is disabled, it will be necessary to use the knob **22-fig. 1** to choose first "Settings" and then activate "Automatic medical advice".

If the function is enabled, selecting the button **25-fig. 1**, automatically opens the screen with the "Automatic medical advice" function already highlighted **fig. 87**: if the user does not move the cursor within 10 seconds, using the knob **22-fig. 1**, the request for medical aid will be forwarded automatically. If not, the call will not be sent and to activate it at a later time, the user will have to choose "Automatic medical advice" again and confirm pressing the knob **22-fig. 1**.

## CALLS FOR MEDICAL ADVICE OR ROADSIDE ASSISTANCE

During the forwarding of a call for assistance to the operating centre, any other operations activated are interrupted and the volume of any audio sources (except the phone) is muted. These conditions will be maintained as long as the call for assistance is active, with the corresponding screen on the display.

If a phone call is received while forwarding a request for assistance, the corresponding alert will not be shown on the display but the ringer will ring. If the user decides to accept the call and briefly presses the ↩ key **13-fig. 1**, the assistance call screen goes off the display.

**IMPORTANT** The call for assistance is always forwarded; however, if the you accept the incoming call, the **Targasys** operator might have difficulty in contacting you since the number could be busy.

When the call has been sent, the display shows the corresponding call forwarded message for about 4 seconds.

If for any reason the call for assistance cannot be sent, the display shows a warning message and the user is then asked if he wants to activate a phone call in any case (*) to the operating centre to avail of the service required, even if in this case the operating centre will no longer be able to locate the vehicle.

(*) The call is normally made using the toll-free number, while it is at the user's expense if it is made in roaming conditions.

# NOTES

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