F I A T **P U N** T O

RADIO WITH COMPACT DISC PLAYER

CONTENTS

INTRODUCTION

Fiat Punto sound system, fitted with CD player (radio with Compact Disc player) has been designed in accordance with the special features of the passenger compartment, with a personalised design that blends with the style of the dashboard. The sound system cannot be adapted to other vehicles and for this reason it cannot be removed.

The radio is installed in a user-friendly position for the driver and passenger and the graphics on the front panel make location of the controls quick, facilitating use.

In the following pages you will find the instructions for use, which you are advised to read through carefully.

ADVICE

Road safety

You are advised to learn how to use the various radio functions (e.g.: storing stations) before starting to drive.

Reception conditions

Reception conditions change constantly when driving. Reception may be disturbed by the presence of mountains, buildings or bridges particularly when far away from the station being listened to.

IMPORTANT When receiving traffic information, the volume may be higher than normal.

⚠️ *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.).*

Care and maintenance

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

To clean the front panel only use a soft, antistatic cloth. Cleaning and polishing products might spoil the surface.

Compact Disc

Remember that dirt, marks or distortion on Compact Disc can cause skipping. For top performance conditions, we give the following advice:

❒ Only use Compact Discs which have the following brand:

❒ Carefully clean all Compact Discs of fingerprints and dust using a soft cloth. Support Compact Discs from the outer circumference and clean from the centre outwards;

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

❒ After use, put Compact Discs back in their container, to avoid marks or scratches that may 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 with pens or pencils.

To remove a Compact Disc from its container, press the centre and raise the disc carefully, holding it by the outer circumference.

Always hold Compact Discs by the outer circumference. Never touch the surface.

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

Do not use highly scratched, cracked, or distorted discs, etc. The use of these discs will involve malfunctioning or damage to the player.

To obtain the best sound quality, use original CD supports. Correct operation is not ensured if not correctly written CD- R/ RW supports and/or with capacity higher than 650 MB are used.

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

IMPORTANT Should copy-protected CDs be used, then, few seconds may be required before the system starts to play them. Moreover, due to the proliferation of always new and different protection methods, it is not guaranteed that the CD player can play whatever protected disc. Copy protection is often indicated on the CD cover in small letters or hard to read characters. Usually it is indicated by writings like:

"COPY CONTROL", "COPY PROTECTED", "THIS CD CANNOT BE PLAYED ON A PC/MAC", or it is identified by symbols like:
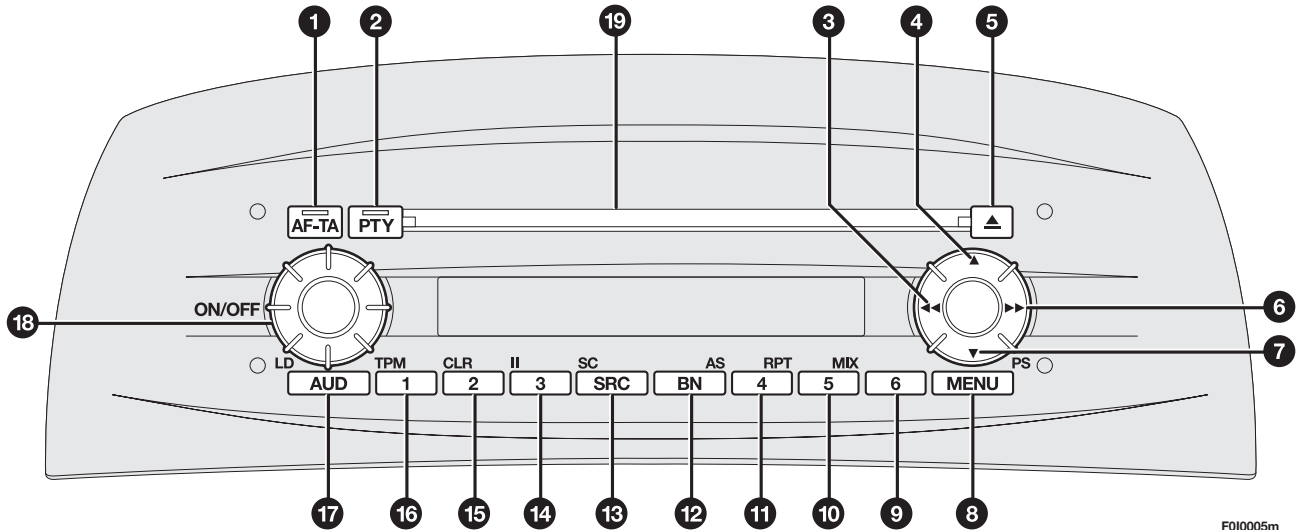
Protected discs (and their cover) very often are not marked with the audio CD identification symbol:

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

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RADIO WITH COMPACT DISC PLAYER

CONTROL DESCRIPTION

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Button	Buttons and front panel		RADIO mode	
	Letters or symbol	Function	Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
1	AF-TA	Alternative frequency (AF) /Traffic information (TA)	TA ON/OFF	AF ON/OFF
2	PTY	Programme Type	PTY ON/OFF	PTY: displays selected programme type
3	◄◄	Manual station tuning	Manual station tuning TP: seek - PTY: seek - AF: seek -	Fast manual station tuning TP: seek - PTY: seek - AF: seek -
4	▲	Automatic station tuning	Automatic station tuning TP: seek + PTY: seek + AF: seek +	Fast automatic station tuning TP: seek + PTY: seek + AF: seek +
5	▲	Eject CD	Eject CD	
6	►►	Manual station tuning	Manual station tuning TP: seek + PTY: seek + AF: seek +	Fast manual station tuning TP: seek + PTY: seek + AF: seek +
7	▼	Automatic station tuning	Automatic station tuning TP: seek - PTY: seek - AF: seek -	Fast automatic station tuning TP: seek - PTY: seek - AF: seek -
8	MENU-PS	Menu function/Scan function	Menu on/off	Scan preset stations
9	6	Preset station 6	FM/AM: call preset station 6	FM/AM: store preset station 6
10	5-MIX	Preset station 5/MIX function	FM/AM: call preset station 5	FM/AM: store preset station 5
11	4-RPT	Preset station 4/REPEAT function	FM/AM: call preset station 4	FM/AM: store preset station 4

CD mode

Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
TA ON/OFF	AF ON/OFF
PTY ON/OFF	
Backward to track start/ select previous track	Fast backward
Eject CD	
Select next track	Fast forward
Menu on/off	
MIX function on/off	
REPEAT function on/off	

Button	Buttons and front panel		RADIO mode	
	Letters or symbol	Function	Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
12	BN-AS	Frequency band selection	FM1, FM2, FMT, MW, LW (•)	Store automatically in FMT station range
13	SRC-SC	Audio source selection/Scan function	Select CD or Radio	FM/AM station scan
14	3-II	Preset station 3/ Playing pause	FM/AM: call preset station 3	FM/AM: store preset station 3
15	2-CLR	Preset station 2/CLR function (CD track storage clearing)	FM/AM: call preset station 2	FM/AM: store preset station 2
16	1-TPM	Preset station 1/TPM function (CD track sequence storing)	FM/AM: call preset station 1	FM/AM: store preset station 1
17	AUD-LD	Sound setting/Loudness	Bass (B) Treble (T) Fader (F) Balance (B)	Loudness on/off
18	ON/OFF VOLUME	Radio on/off/ Volume adjustment	With radio on: Audio Mute on/off With radio off: radio on Volume adjustment: turn leftwards: to decrease turn rightwards: to increase	With radio off: radio on With radio on: radio off
19	CD slot			

(•) For certain versions only

CD mode

Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
	Store automatically in FMT station range
Select CD or Radio	Scan CD tracks
CD playing pause on/off	
	Clear selected CD track storage
TPM function on/off	Store required track
Bass (B) Treble (T) Fader (F) Balance (B)	Loudness on/off

GENERAL

The set possesses the following functions:

RADIO SECTION

❒ PLL tuning with FM/AM/MW/LW frequency bands;

❒ RDS (Radio Data System) with TA (traffic information) - PTY (Program Type) - EON (Enhanced Other Network) - REG (Regional programmes);

❒ AF: alternative frequency search selection in RDS mode;

❒ emergency alarm presetting;

❒ automatic/manual station tuning;

❒ manual storage of 36 stations: 18 in the FM band (6 in FM1, 6 in FM2, 6 in FMT), 6 in the MW band and 6 in the LW (on certain versions only) band and 6 PTY (only in FM);

❒ automatic storage (AUTOSTORE function) of 6 stations in FM band;

❒ DX function (Distant: maximum sensitivity in searching radio stations) and LO (Local) manual;

❒ Scan function (scanning stored stations);

❒ SVC function: automatic volume adjustment with car speed

❒ automatic Stereo/Mono switching.

COMPACT DISC SECTION

❒ Disc select (disc no.);

❒ Track select (forward/backward);

❒ Fast forward/backward;

❒ Mix function (random playing of tracks);

❒ Repeat function (repetition of last track);

On multimedia CDs in addition to sound tracks also data tracks are recorded. Playing one of these CDs may cause rustling and such a volume as to compromise road safety, as well as causing damage to the final stages and speakers.

❐ Scan function (scanning the tracks on the Compact Disc).

❐ TPM function (CD playing sequence storage);

❐ CLR function (clearing CD track storage);

AUDIO SECTION

❐ Mute/Pause function;

❐ Loudness function;

❐ 7 band graphic equalizer;

❐ Separate bass/treble adjustment;

❐ Right/left channel balancing.

ANTITHEFT PROTECTION

The radio is fitted with an antitheft protection system based on the exchange of information between the radio and the electronic control unit (Body Computer) installed on the car.

This system warrants the highest level of security and prevents entry of the secret code every time the radio supply id disconnected.

If the result of the check is positive, the radio will start working whereas, if the comparison codes are not the same or if the electronic control unit (Body Computer) is replaced, the device will inform the user of the need to enter the secret code according to the procedure described in the following paragraph.

Entering the secret code

Turning the sound system on, if code is requested the display will show "CODE" for about 2 seconds followed by message "ENTER CODE:----".

The secret code comprises four figures from 1 to 6, each corresponding to one of the dashes.

To enter the first digit of the code, press the corresponding key of the preset stations (from 1 to 6). Enter the other code digits in the same way.

If the four figures are not entered within 20 seconds, the display shows the word "CODE" for 2 seconds and then fours dashes "----". This is not to be considered as an incorrect code entry.

After entering the fourth digit (within 20 seconds), the radio starts working.

If a wrong code is entered, the radio sounds a "beep", the display shows the word "CODE" for 2 seconds and then four dashes "----" to warn the user that it is necessary to enter the correct code.

Every time the user enters a wrong code, the waiting time increases gradually (1 min, 2 min, 4 min, 8 min, 16 min, 30 min,1h, 2h, 4h, 8h, 16h, 24h) until reaching a maximum of 24 hours.

The waiting time will be shown on the display with the word "WAIT". When this goes off it is possible to start the new code entry procedure.

CODE Card

This the document that certifies possession of the radio. The Code Card contains the radio model, serial number and secret code.

IMPORTANT Keep the Code Card carefully to be able to give the related data to the competent authorities in the event of theft.

GLOSSARY

AF (Alternative Frequency)

Function that allows the radio to stay tuned on the FM station selected also passing through areas served by transmitters with different frequencies.

The RDS system actually keeps the intensity and quality of the signal received under control, automatically switching tuning on the frequency of the transmitter that is sending the strongest signal.

AutoSTore

Function with which it is possible to store automatically radio stations.

Balance (Channel balancing)

Function with which it is possible to suitably adjust the sound from the right or left speakers.

Bass (Bass tones)

This function adjusts the bass tones.

CLR (Clear)

Function with which it is possible to clear one or all the tracks of the CD stored with the TPM function.

Distant/Local (Sens Dx/Lo)

These are two levels of reception sensitivity.

1) Distant (maximum sensitivity), which makes it possible to tune all the stations that can be received.

2) Local (minimum sensitivity), which makes it possible to tune only those stations with sufficiently strong signals, such as for example local stations.

EON (Enhanced Other Network)

Function that allows the radio to tune automatically on a different station than the one being listened to which broadcasts traffic information.

Fader

Function with which it is possible to suitably adjust the sound from the front or rear speakers.

Hicut (treble reduction)

Function with which it is possible to reduce the treble tones, in accordance with the signal transmitted.

Loudness

Function that emphasises the bass and treble tones when listening at low level. It is cut off with the volume set to maximum (level 66).

Mute

This function enables to mute the active source.

Presettings

Number of radio stations that can be stored manually or automatically.

PTY (Program Type)

This function allows the presetting of a category of programmes such as for instance, news bulletins, music, sport, etc.

RDS (Radio Data System)

This is an additional radio information system which uses the 57 kHz subcarrier of normal FM broadcasts.

With this function it is possible to receive different types of information such as station names, alternative frequencies, automatic tuning to traffic bulletins or special programmes selected through the PTY function.

REG (Regional transmission reception function)

Function with which it is possible to tune only to local (regional) stations.

Repeat (Repetition of the track)

Function with which it is possible to listen continuously to the last track played on the Compact Disc.

Scan

Function with which it is possible to listen, for approx. 10 seconds, to all the radio stations stored, or the beginning of all the tracks contained on a Compact Disc.

Scrolling

Function with which it is possible to receive different programmes in the same network (in the FM band only).

PLL tuning

Digital tuning with Phase Lock Loop circuit to obtain the best radio channel tuning.

Soft Mute

Function that gradually highers and lowers the volume when Mute is turned on or off.

Sound Flavour

A function that sets the best equalizing possible depending on the type of music selected (Classic, Jazz, Rock, etc).

SVC

Function that automatically adjusts the level of the volume to the speed of the car to maintain the ratio with the noise level in the passenger compartment.

TA (Traffic information)

Function with which it is possible to receive the traffic information broadcast by the stations enabled, also when tuned to another station or listening to a CD.

TPM (Track Program Memory)

Function with which it is possible to store the sequence for playing the tracks of a CD, to be able to play them later in the sequence set.

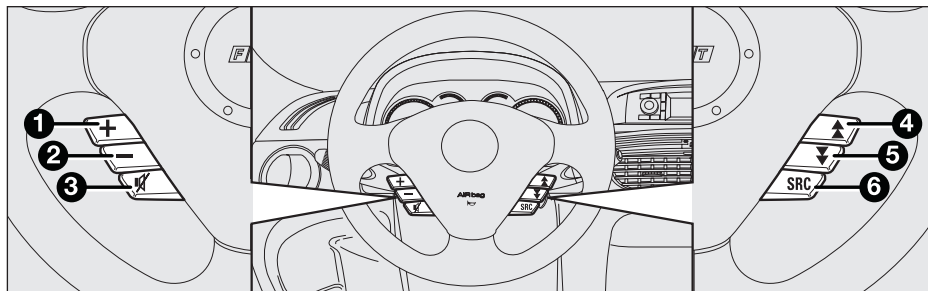## Treble (Treble tones)

This adjusts the treble tones.

OPERATION

CONTROLS ON STEERING WHEEL
(where provided)

The main radio function controls are repeated on the steering wheel, to allow easier control.

(1) Volume increase button;

(2) Volume decrease button;

(3) Mute function button;

(4) Multifunction button:

❐ Radio: call preset stations (from 1 to 6);

❐ Compact Disc player: search next track;

(5) Multifunction button:

❐ Radio: call preset stations (from 6 to 1);

❐ Compact Disc player: search previous track;

(6) Radio frequency range select button: FM1, FM2, FMT, MW, LW (on certain versions only) and available listening sources (Radio - Compact Disc).

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Volume adjustment/Mute function buttons

The buttons for volume adjustment (1) and (2) and for turning Mute on/off (3) work in the same way as the corresponding buttons on the radio.

Radio frequency and sound source select button

To cyclically select the radio frequencies and sound sources, briefly and repeatedly press button (6).

The frequencies/sources available are: FM1, FM2, FMT, MW, LW (on certain versions only), CD (*).

(*) Only if the CD is inserted.

Multifunction buttons (4) and (5)

The multifunction buttons (4) and (5) call the preset radio stations or select the next/previous piece when listening to a Compact Disc.

Press button (4) to choose stations from 1 to 6 or to listen to the next track on the CD.

Press button (5) to choose stations from 6 to 1 or to listen to the previous track on the CD.

FUNCTIONS AND ADJUSTMENTS

Switching on

The set is switched on pressing the button/knob 18 (VOLUME ON/OFF).

If the radio is turned on with the ignition key at STOP, it will turn off automatically after about 20 minutes, it is however possible to turn the radio on again for other 20 minutes by pressing the button/knob 18 (VOLUME ON/OFF).

The radio will keep the same previous settings, except for the volume level which, if set to over 20, will anyway be brought to 20.

Turning the radio off

To turn the radio off press button/knob 18 (VOLUME ON/OFF).

Selecting Radio/Compact Disc

Pressing briefly and repeatedly button 13 (SRC-SC) it is possible to select the following functions in sequence:

❒ TUNER (Radio);

❒ CD (Compact Disc) (only if the Compact Disc is inserted);

After each change of the listening source, the display shows the function selected: TUNER or CD for about 2.5 seconds and then starts playing.

The functions that cannot be selected (e.g. "CD" when the compact disc is not inserted) are automatically disabled. If CD is not inserted, pressing button 13 (SRC-SC) the display shows the word "NO CD" for about 2.5 seconds; then the radio will tune automatically to "TUNER" (Radio).

Pause function

If while listening to a Compact Disc another function is selected (e.g. the radio), playing is stopped and when the Compact Disc mode is resumed, it starts again from the point in which it was stopped.

If while listening to the radio another function is selected, when the Radio mode is resumed, it is tuned to the last station selected.

Volume adjustment

Volume level can be adjusted from min. ("VOL 0") to max. ("VOL 66"). Adjust volume through button/knob 18 (VOLUME ON/OFF).

Turn the knob rightwards to increase volume and leftwards to decrease it. Set volume is displayed for about 4 seconds (e.g.: "VOL 23").

If the volume level is changed during the broadcast of a traffic bulletin, the new setting is maintained only until the end of the bulletin or phone call.

Volume can be also adjusted during manual/automatic tuning, AutoSTore or radio station scan.

SVC function (volume changing with speed)

The SVC function makes it possible to automatically adapt the volume level to the speed of the car, increasing it as the speed increases to maintain the ratio with the noise level in the passenger compartment.

To activate the SVC function briefly press button 8 (MENU-PS), then use buttons 4 (▲) or 7 (▼) to scroll the menu stopping on the SVC function and buttons 3 (◄◄) or 6 (►►) to switch the function on or off selecting respectively "SVC ON" or "SVC OFF".

This function can be turned on or off in all the operating modes of the device (Radio/Compact Disc).

Mute function (turning off the volume completely)

To switch on the Mute function, briefly press the button/knob 18 (VOLUME ON/OFF). Volume will gradually lower (Soft Mute function) and the display will show the word "MUTE".

To switch off the Mute function, briefly press the button/knob 18 (VOLUME ON/OFF) again. Volume will gradually become louder (Soft Mute function) returning to the value set before switching on the Mute function.

With the Mute function on:

❒ all the other functions can be used;

❒ turning the button/knob 18 (VOLUME ON/OFF) the volume can be directly adjusted;

❒ if an emergency alarm or a traffic bulletin arrives with the TA function on, the message ignores the Mute function;

❒ if with TA function on, the radio does not broadcast traffic info, a warning beep will sound.

Soft Mute function

The Soft Mute function is activated by pressing one of the 6 preselection buttons.

Pressing one of the preselection buttons for less than 2 seconds will resume the previously set volume.

Pressing one of the preselection buttons for over 2 seconds, a beep will sound and then the previously set volume will be resumed.

Tone adjustment (bass/treble)

Proceed as follows:

❒ briefly and repeatedly press the 17 (AUD-LD) button until the display shows "BASS" or "TREBLE";

❒ press 4 (▲) or 7 (▼) to increase/decrease the basses or trebles.

Pressing the buttons briefly the change is gradual by steps. Pressing longer, changing is faster.

For about 4 seconds the display shows the levels of the basses/trebles (from -6 to +6).

Balance adjustment

Proceed as follows:

❒ briefly and repeatedly press the 17 (AUD-LD) button until the display shows "BALANCE" (select Balancing function);

❒ press button 4 (▲) to increase the sound from the right speakers or button 7 (▼) to increase the sound from the left speakers.

Pressing the buttons briefly the change is gradual by steps. Pressing longer, changing is faster. For few seconds the display shows the levels of balancing from R+9 to L+9 (R = right, L = left).

Fader adjustment

Proceed as follows:

❒ briefly and repeatedly press the 17 (AUD-LD) button until the display shows "FADER" (select Fader function);

❒ press button 4 (▲) to increase the sound from the rear speakers or button 7 (▼) to increase the sound from the front speakers.

Loudness function

The Loudness function improves the sound volume when listening at low level, increasing the basses and trebles. It is cut off when the volume is set to maximum.

To switch the function on/off, keep button 17 (AUD-LD) pressed until hearing the "beep". The function condition (on or off) is shown on the display for few seconds by "LD ON" or "LD OFF".

RADIO (Tuner)

When the set is turned on the last function selected before turning off is played (Radio or Compact Disc).

To select the Radio source while listening to a Compact Disc, press briefly and repeatedly button 13 (SRC-SC) until this function is selected.

When Tuner is on, the display will show the selected station name (RDS stations only) or frequency, the frequency band (e.g.: FM1) and the preselection button number (e.g.: P1 = station stored on button 1).

Selecting the frequency band

If in the Radio mode, briefly and repeatedly press button 12 (BN-AS) to select the required reception band.

Every time the button is pressed the following bands are selected in sequence "FM1", "FM2", "FMT","MW" and "LW" shown by the respective wording on the display.

The last station selected in the relevant frequency band will be tuned even if the station is not stored on a preset button.

If selected station is stored on one of the presetting buttons, the display will show the presetting number for few seconds; then the display will show again the station frequency.

The FM band is divided into sections: FM1, FM2 and FMT. The FMT reception band is reserved to the stations stored automatically with the AutoSTore function.

The radio is always ready to receive stations in the RDS mode (Radio Data System).

Presetting buttons

The buttons with symbols from 1 to 6 ("16", "15", "14", "11", "10", "9") make it possible to set the following presettings:

❒ 18 in the FM band (6 in FM1, 6 in FM2, 6 in FMT);

❒ 6 in the MW band;

❒ 6 in the LW band (on certain versions only);

❒ 6 types of PTY programming (only in the FM mode when PTY is selected).

To call a preset station, choose the required frequency band and then press briefly the corresponding preset button (from 1 to 6). For a few seconds the display will show the number of the station preset and the related frequency before showing the frequency band and the name of the RDS station.

If the PI (Program Index) code is not received at the frequency allocated to a preset button, the radio will start searching this PI on another frequency as soon as the car leaves the area covered by the previous frequency. The display will show "SEARCH".

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Should it be not possible to receive the PI stored on a frequency after searching along the whole band, la radio will tune to the stored frequency.

Pressing the respective preset button for longer than 2 seconds will store the tuned station (the sound system will always store the frequency and the PI code). Storing is confirmed by a beep.

Storing the last station heard

The radio automatically keeps in storage the last station heard for each reception band, which is then tuned when the radio is turned on or the reception band is changed.

Automatic tuning

Briefly press button 4 (▲) or 7 (▼) to start automatically searching the tuning for the next station that it is possible to receive in the direction chosen.

If button 4 (▲) or 7 (▼) is pressed for longer, quick searching takes place: upon having tuned in to the first well receivable station, the tuner stops for about 1 second (in Mute) before quick searching continues. When the button is released, the tuner stops on the next receivable station.

If the TA function is on (traffic information), the tuner only searches stations which broadcast traffic bulletins.

If the PTY function is on, the tuner only searches stations that broadcast selected PTY. When searching, the display alternatively shows the type of programme and the word "SEARCH".

If the station on which the tuner stops is one of the stations stored with the preset buttons, the display will show the presetting number for a few seconds.

Manual tuning

This allows manual station searching in the chosen band.

For manual tuning proceed as follows:

❒ Select the band with button 12 (BN-AS): FM1, FM2, FMT, MW or LW (on certain versions only);

❒ Press briefly and repeatedly button 3 (◄◄) or 6 (►►) to start searching in the chosen band. Pressing one of the buttons 3 (◄◄) or 6 (►►) longer obtains fast forward searching, which is stopped when the button is released.

To turn on manual tuning search it is necessary to turn off the PTY and AF (alternative frequencies), if on.

If the station tuned is a station stored with the preset buttons, the display will show the presetting number for a few seconds.

Scan function (station scanning)

Keeping button 13 (SRC-SC) pressed until the "beep", starts scanning the stations in the frequency band selected: FM, MW, LW (on certain versions only). Each station found will be heard for a few seconds and the name and frequency will flash on the display.

While searching the display will show "FM SCAN", "AM SCAN" or "PTY SCAN" for a few seconds.

If the TA function is on (traffic information), the system will search only the stations that broadcast traffic bulletins. If the PTY function is on, the system will only search stations that broadcast selected PTY.

When the Scan function is on, all the other functions are cancelled. With Scan function on, the display shows the word "SEARCH".

The Scan function is interrupted in the following cases:

❒ pressing again button 13 (SRC-SC);

❒ pressing button 4 (▲) or 7 (▼) or 6 (►►) or 3 (◄◄) (manual or automatic tuning starts);

❒ pressing a preset button;

❒ turning AutoSTore on;

❒ turning PTY on/off;

❒ changing the chosen frequency band;

❒ pressing button 8 (MENU-PS) or 17 (AUD-LD);

❒ when a station is found that is broadcasting a traffic bulletin, if the TA is on;

❒ inserting a Compact Disc.

In any case the search function will be turned off after scanning the frequency band, even if no station is selected.

Scanning preset stations

Keep button 8 (MENU-PS) pressed to start scanning the preset stations in the present frequency band:

❒ FM: FM1 1, FM1 2, ... FM1 6, FM2 1, FM2 2, ... FM2 6, FMT 1, FMT 2, ...FMT 6;

❒ MW: MW 1, MW 2, ..., MW 6;

❒ LW (on certain versions only): LW 1, LW 2, ...LW 6.

Each preset station will be heard for a few seconds and its name or frequency will flash on the display, if the signal intensity is sufficient. In passing from a preselection to another, the display will show the word "SCAN" for about 2 seconds.

In the first 2 seconds in which the new preset station is heard, the display shows the current frequency band and the number of the pre-select button.

If the TA function is on (traffic information), the system will only search stations that broadcast traffic bulletins.

When the Scan function is on, all the other functions are cancelled.

The Scan function is interrupted in the following cases:

❒ pressing again button 8 (MENU-PS);

❒ pressing button 4 (▲) or 7 (▼) or 6 (▶▶) or 3 (◀◀) (manual or automatic tuning starts);

❒ pressing a preset button;

❒ turning AutoSTore on;

❒ turning PTY on/off;

❒ changing the FM level or frequency band selected;

❒ pressing button 17 (AUD-LD);

❒ when a station is found that is broadcasting a traffic bulletin, if the TA is on;

❒ inserting a Compact Disc.

If no presetting has been selected, the station chosen previously will be resumed.

Manual station storage

The station being heard can be stored in the range selected with buttons ("16", "15", "14", "11", "10", "9") numbered from 1 to 6.

Keep one of these buttons (from 1 to 6) pressed until receiving the confirmation "beep". After storage, the display shows the number of the button with which the station has been stored.

AutoSTore function (automatic station storage)

To switch on the Autostore function, keep button 12 (BN-AS) pressed until receiving the confirmation "beep". With this function the radio automatically stores the six stations with the strongest signal in decreasing order of intensity of the FMT frequency band.

IMPORTANT Activating the AutoSTore function cancels the stations stored previously in the FMT band.

If the TA function is on (traffic information), only the stations that send traffic information will be stored. This function may also be turned on when listening to a Compact Disc.

During automatic storage the display shows "A-STORE". To interrupt AutoSTore press button 12 (BN-AS) again: the radio will automatically tune to the station heard before activation of the AutoSTore function.

At the end of the AutoSTore function the radio automatically tunes on the first preset station in the FMT band stored on 1 (16) button.

On buttons ("16", "15", "14", "11", "10", "9") numbered from 1 to 6, the stations are automatically stored that give a strong signal in that moment in the present band.

The behaviour of the set during AutoSTore is as follows:

❏ at the beginning of the AutoSTore function all the other functions are disabled;

❏ pressing one of the radio function buttons, e.g.: 2 (PTY), 4 (▲), 3 (◄◄), 7 (▼), 6 (►►), (9), (10), (11), (14), (15), (16) the automatic storage process is interrupted, the last station heard before AutoSTore was turned on is tuned and the function associated with the button pressed is run;

❏ pressing button 1 (AF-TA) during AutoSTore will interrupt it, the TA function (traffic information) will be turned on/off and a new automatic storage process will be started;

❏ changing the listening source (Radio or Compact Disc) during automatic storage will not interrupt the AutoSTore function.

❏ activating the AutoSTore function in the MW or LW bands, will automatically select the FMT band where the function is run.

IMPORTANT Sometimes the AutoSTore function is unable to find 6 stations with a strong signal. In this case the previous stations will be stored on the free preset buttons.

Listening to stored stations

Proceed as follows:

❒ select the required frequency band: FM, MW, LW (on certain versions only);

❒ briefly press one of the six station storage buttons.

The display will show the number that corresponds to the button.

In bands FM1, FM2 and FMT, if reception is poor and the AF alternative frequency search function is active, the station with the strongest signal that is broadcasting the same programme will be sought automatically.

AF function (alternative frequency search)

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

❒ "AF ON": alternative frequency search on (the display shows "AF");

❒ "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 car 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, keep button 1 (AF-TA) pressed until hearing the beep. The name RDS (if available) stays on the display and if the AF function has been turned on the symbol "AF" is shown.

If the radio is working in the AM band, when button 1 (AF-TA) is pressed, it passes to the FM1 band on the last station selected.

TA function (traffic information)

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

To turn the TA (traffic information) function on/off, briefly press button 1 (AF-TA).

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

❒ TP: if tuned to a station that sends traffic information but the traffic information function is off;

❒ TA (*): the traffic information function is on.

(*) If the TA function (traffic information) is on, but the radio station chosen does not give traffic information, the device "beeps" every 30 seconds.

With the TA function (traffic information) it is possible:

1) to search only RDS stations that transmit in the FM band, enabled to broadcast traffic information;

2) to receive traffic information even if the CD player is in use;

3) to receive traffic information at a predefined minimum volume even with the radio volume off.

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:

❒ select band FM1, FM2 or FMT;

❒ briefly press button 1 (AF-TA) so that the display shows "TA";

To store stations with TA on, carry out the storage operations (see "Manual station storage").

2) If wishing to receive traffic information when listening to a CD, before inserting the CD, tune to a station enabled to broadcast traffic information (TP) and activate the TA function. If while listening to a Compact Disc, this station broadcasts traffic information, the CD will be suspended temporarily and resumed again automatically after the end of the message. At the start of receiving traffic information the display will briefly show the wording "INFO TRA", while the display continues giving the last information (frequency, etc.).

If the CD player is already working and at the same time you want to receive traffic information, briefly pressing button 1 (AF-TA) the radio tunes to the last station heard in the FM band, the TA function is activated and the traffic messages are transmitted. If the station selected does not send traffic information, the search for an enabled station starts automatically.

If wishing to interrupt the traffic information message, briefly press button 1 (AF-TA) during transmission of the message.

3) To receive traffic information while not listening to the radio:

❐ tune to a station enabled to transmit traffic information so that the display shows "TP" and turn the volume to zero by turning the button/knob 18 (VOLUME ON/OFF).

❐ turn on the TA function briefly pressing button 1 (AF-TA), so that the display shows "TA";

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, even if the TP function is on (the display shows "TP"), do not transmit traffic information.

If the radio is working in the AM band, when button 1 (AF-TA) is pressed, it passes to the FM1 band on the last station heard. If the station selected does not broadcast traffic information, the search for an enabled station starts automatically.

The volume with which the traffic bulletin is transmitted varies depending on the listening volume:

❒ listening volume below 20: traffic bulletin volume = 20 (fixed value);

❒ listening volume above 20: traffic bulletin volume the same as the listening volume +1.

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.

According to the active audio source, when leaving the covered area of the stored station, the following cases could took place:

❒ Radio on: a "beep" is given every 30 seconds;

❒ Compact Disc: the search for an enabled station will start.

During a traffic bulletin it is possible to turn on sound adjustment and the radio menu by pressing respectively buttons 8 (MENU-PS) or 17 (AUD-LD).

IMPORTANT If the TA function is on and the station tuned is not able to provide traffic information or it is no longer able to provide this information, so after about 1 minute in which the radio is in these conditions:

❒ if listening to a Compact Disc another station is sought that is enabled to transmit traffic information;

❒ if when listening to the radio a "beep" is given to alert that it is not possible to receive traffic information, to interrupt it, it is necessary to tune to a station that can provide traffic information or switch off the TA function.

The TA function is interrupted in the following cases:

❒ in radio mode: press a preset button during a traffic bulletin;

❒ pressing button 13 (SRC-SC) during a traffic bulletin;

❒ by automatic/manual tuning or AutoSTore;

❒ turning the Mute function on.

Emergency alarm reception

In the RDS mode the radio is set to receive emergency announcements in the case of exceptional circumstances or events that may cause general danger (earthquakes, floods, etc.), if they are broadcast by the station tuned.

This function is activated automatically and cannot be deactivated.

Program Type function (PTY) (selecting a type of programme)

To turn on the PTY function, which makes it possible to give top priority to PTY programmes, when present, which may involve emergency messages or various topics (e.g. music, news bulletins), briefly press button 2 (PTY) until the display shows "PTY" and the subject of the last station heard (e.g. "NEWS").

After about 2 seconds the station name or frequency is shown on the display.

IMPORTANT To turn on the PTY function, the radio must be in the FM band.

If the station does not broadcast in the PTY mode, the wording "NO-PTY" is shown on the display for a few seconds.

The list of the various subjects comprises:

NEWS News and magazine

AFFAIRS Politics and news

INFO Special information programmes

SPORT Sport programmes

EDUCATE Education

DRAMA Radio dramas and literature

CULTURE Culture

SCIENCE Science

VARIED Variety

POP M Pop music

ROCK M Rock music

EASY M Easy music

LIGHT M Light classic music

CLASSICS Classic music

OTHER M Other music

WEATHER Weather report

FINANCE Finance news

CHILDREN Child's programmes

SOCIAL Social information

RELIGION Religion and philosophy

TRAVEL Tourist's information

LEISURE Free time and hobbies

JAZZ Jazz

COUNTRY Country music

NATION M National broadcasting

OLDIES Golden Oldies

FOLK M Folk music

DOCUMENT Special reports

To change the type of PTY proceed as follows:

❏ press one of the 6 preset buttons;

or

❏ press buttons 3 (◄◄) or 6 (►►);

If the display shows the station frequency or name instead of the type of programme, pressing 3 (◄◄) or 6 (►►) the current type of programme will be displayed.

To store the current type of programme on one of the 6 preset buttons, give a prolonged press on the preset button. Storage is confirmed by a "beep". To seek a station with this programme see the "Automatic tuning" and "Scanning stations (Scan function)" paragraphs.

If no station is available with this type of programme the system sounds a "beep", the station selected previously is heard and for 2 seconds the display shows the wording "NO-PTY".

To turn the PTY function off, briefly press button 2 (PTY) again: the display will show the last information (frequency, etc…) active before the PTY function.

Controlling the station's type of PTY programme

To know the type of PTY programme of the station heard, keep button 2 (PTY) pressed until a "beep" is heard. After the "beep" the display will show the type of programme (see previous paragraph) offered by the station tuned. If the station has no PTY code, the display will show the wording "NO-PTY". After a few seconds the display will again show the RDS name or frequency of the station tuned.

EON function (Enhanced Other Network)

Certain countries have circuits which group together several stations enabled to broadcast traffic information. In this case the programme of the station being heard will be interrupted temporarily to receive traffic information (only with TA function on), ever time these bulletins are given by one of the stations of the same circuits.

Scrolling transmissions

It is possible to receive different programmes in the same network and scroll them (in FM band only).

To activate this function keep button 1 (AF-TA) to activate the AF function. The scrolling may begin pressing button 3 (◄◄) or 6 (►►).

All stations previously received (at least once) will be stored with the corresponding PI code. With this function on, radio stations can be tuned forward/backward by pressing button 3 (◄◄) or 6 (►►).

IMPORTANT The station must have been received previously at least once.

Stereophonic stations

If the signal received is weak, the device switches automatically from Stereo to Mono.

MENU

Functions of button 8 (MENU-PS)

To activate the menu function, briefly press button 8 (MENU-PS). The display shows the word "MENU".

To scroll the menu functions use buttons 4 (▲) or 7 (▼). To change selected function impostation use buttons 3 (◄◄) or 6 (►►).

The display will show the current status of the function selected.

The functions controlled by the menu are the following:

❒ PRESET/USER/CLASSIC/ROCK/JAZZ (turning on/off and choosing predefined equalizer adjustments);

❒ EQ SET (equalizer setting, only if the USER equalizer setting is on);

❒ REG (regional programmes);

❒ CD DISP (CD data display);

❒ SENS DX/LO (tuning sensitivity);

❒ SVC (automatic volume control in relation to speed);

❒ CD NAME (allocation of CD names, only with CD inserted);

❒ HICUT (Treble reduction);

❒ IGN TIME (Switching off mode);

To exit the menu function, press button 8 (MENU-PS) again.

PRESET / USER / CLASSIC / ROCK / JAZZ function (turning on/off and choosing predefined equalizer adjustments)

The integrated equalizer can be turned on or off. With the equalizer off, it is possible to change the sound settings only adjusting the bass ("BASS") and treble tones ("TREBLE"), while activating the function makes it possible to adjust the sound curves.

To turn the equalizer off, select "PRESET" with button 3 (◄◄) or 6 (►►).

To turn the equalizer on, select on of the following with button 3 (◄◄) or 6 (►►):

❒ "USER" (adjustment of the 7 equalizer bands that can be changed by the user);

❒ "CLASSIC" (predefined equalizer adjustment, for optimal playing of classic music);

❒ "ROCK" (predefined equalizer adjustment, for optimal playing of rock and pop music);

❒ "JAZZ" (predefined equalizer adjustment, for optimal playing of jazz music);

After selecting the last adjustment set in the Menu using buttons 4 (▲) or 7 (▼) use button 3 (◄◄) or 6 (►►) to change it.

When one of the equalizer settings is on, the display shows "EQ".

EQ SET function (equalizer setting, only if the USER equalizer setting is on)

To set a personal equalizer adjustment, use button 3 (◄◄) or 6 (►►) to select "EQ SET".

To change the equalizer settings, use button 3 (◄◄) or 6 (►►).

The display shows a graph with 7 bars, where each bar represents a frequency for the left or right channel. Choose the bar to be adjusted using button 3 (◄◄) or 6 (►►); the bar chosen starts to flash and it is possible to adjust it using button 4 (▲) or 7 (▼).

To store the new settings, press button 8 (MENU-PS) again. The display still shows "EQ SET".

REG function (regional broadcast reception)

Certain national broadcasters, at determinate times of the day, transmit regional programmes which differ from region to region. This function makes it possible to tune in only on local stations (regional). However if a regional programme is heard and you wish to stay tuned to it, the function must be activated.

To turn the function on/off use button 3 (◄◄) or 6 (►►).

The display will show the current status of the function:

❒ "REG ON": function on;

❒ "REG OFF": function off;

If the function is off and a regional programme is tuned that works in a determinate area and the car enters a different area, the regional station of the new area is received.

IMPORTANT When the function is off ("REG-OFF") and the AF function is on (alternative frequencies) the radio automatically tunes to the frequency of the station selected with the strongest signal.

**CD DISP function
(Compact Disc data display)**

With this function it is possible to choose the information shown on the display, when listening to a Compact Disc.

After choosing "CD DISP" in the menu using button 4 (▲) or 7 (▼), the display shows "CD DISP". To change the setting use button 3 (◄◄) or 6 (►►).

The display shows the setting among the two possible:

❒ "TIME" (time elapsed from start of track);

❒ "NAME" (CD name).

SENS DX/LO function
(tuner sensitivity adjustment)

With this function it is possible to change the sensitivity of automatic station searching. When low sensitivity is set "SENS LO" only stations with excellent reception are sought; when high sensitivity is set "SENS-DX" all stations are sought. Therefore, if the car is in an area with a considerable number of stations and you want to choose only those with a strong signal, set to low sensitivity "SENS LO".

To set the sensitivity, use button 3 (◀◀) or 6 (▶▶). The display will show the current status of the function:

❐ "SENS LO": low sensitivity;

❐ "SENS DX": high sensitivity.

SVC function
(volume changing with speed)

The SVC function makes it possible to automatically adapt the volume level to the speed of the car, increasing it as the speed increases to maintain the ratio with the noise level inside the passenger compartment.

To turn this function on/off, use button 3 (◀◀) or 6 (▶▶). The display will show the current status of the function:

❐ "SVC ON": function on;

❐ "SVC OFF": function off.

CD NAME function
(allocating a name to a CD)

Use the CD NAME function to give a name (max. name length = 8 characters) to max. 30 CDs.

This function can be selected only if in Compact Disc mode. To turn this function on, use button 3 (◀◀) or 6 (▶▶): the display shows "CD NAME". If the CD already has a name, this will be shown on the display, if not, eight dashes will be shown. If storage is no longer available for a new name, the display will show the first name stored.

To change the name or give a name to the new CD press button 3 (◀◀) or 6 (▶▶). Press the buttons again to choose the position of the character to be changed. Press buttons 4 (▲) or 7 (▼) to choose or change the character.

To store the name, press button 8 (MENU-PS) again. The display will show "CD NAME".

To clear a name, turn the function on and press button 15 (2-CLR) for about 5 seconds. The system beeps and the display shows "ONE CLR" for about 2 seconds. At this point the procedure can be started to give a new name.

To clear all the names, turn the function on and keep button 15 (2-CLR) pressed for over 8 seconds. The set gives two beeps and the display shows "ALL CLR" for about 2 seconds. At this point it is possible to start the name allocation procedure.

HICUT function (treble reduction)

Using this function it is possible to reduce the treble tones, in accordance with the signal transmitted. To turn the function on/off, use button 3 (◄◄) or 6 (►►).

The display will show the current status of the function:

❒ "HICUT ON": function on;

❒ "NO HICUT": function off.

IGN TIME function (switching off mode)

This function enables to set radio switching off in two different modes. To turn this function on/off, use buttons 6 (►►) or 3 (◄◄).

The display will show the selected mode:

❒ "00 MIN": deactivation dependent of ignition key. The radio will switch off automatically as soon as the ignition key is turned to STOP;

❒ "20 MIN": deactivation independent of ignition key. The radio will stay on for max. 20 minutes after turning the ignition key to STOP.

IMPORTANT Should the radio turn off automatically after turning the ignition key to STOP (for the immediate or 20-minute delayed deactivation), it will turn on automatically turning the ignition key to MAR. If the radio is turned off by pressing the knob/button 18 (VOLUME ON/OFF), when turning the key to MAR the radio will stay off.

COMPACT DISC PLAYER

Selecting the Compact Disc player

To turn on the Compact Disc player integrated in the set, proceed as follows:

❐ insert a CD (if the set is off, the CD player will turn on automatically): the first track will be played;

or

❐ if a CD is already inserted, turn the set on and press briefly and repeatedly button 13 (SRC-SC) to select "CD": the last heard track will be played.

With CD inserted, the display shows "CD" and "CD" operating mode will automatically be selected.

For optimal playing use only original CDs. When using R/RW CDs, use top quality CDs mastered at the as low as possible speed.

Inserting/ejecting a CD

To insert the CD set it gently in place to activate the powered loading system, which will position it correctly.

Press button 5 (▲), with the device on, to operate the powered CD eject system. After ejection, the source heard before playing the CD will return (only if the device is on).

If CD is not ejected, the device will reload it automatically after about 20 seconds and then will set to Tuner (Radio).

CD cannot be ejected if the device is off.

Inserting the ejected CD without fully removing it from the slot will set the device to Tuner (Radio).

Possible error messages

If the CD inserted is illegible (e.g.: CD-ROM inserted, CD not inserted properly or reading error), the display will show the wording "CD ERROR" for about 2 seconds.

The CD is then ejected and the previous source before CD was selected returns.

Display information

When the CD player is working, the display shows the following information which means:

"T05": shows the number of the track on the CD

"03:42": shows the time elapsed since the start of the track (if the corresponding Menu function is on)

"XXXXXXX": shows the name allocated to the CD.

If the CD Name function is selected and no CD name is stored, the display will show the track time.

Select track (forward/backward)

Briefly press button 3 (◄◄) to play the previous track and button 6 (►►) to play the next one. Tracks are played in sequence: after the last track, the first one will be played and vice versa.

If playing the track started more than 3 seconds ago, pressing briefly button 3 (◄◄) the track is played again from the start. In this case if wanting to play the previous track, press the button twice consecutively.

Fast forward/backward

Keep button 6 (►►) pressed to move the track selected forward at high speed and keep button 3 (◄◄) pressed to move it quickly backward. Fast forward/backward is stopped once the button is released.

If the CD name display function was selected in the menu, this will be replaced by the CD time display function. CD name display is resumed after about 2 seconds from pressing the button.

Pause function

To pause the CD player, press button 14 (3-II). The display will show "PAUSE".

To resume playing the track, press button 14 (3-II) again.

The pause function is deactivated changing the sound source.

Scan function (scanning CD tracks)

With this function it is possible to listen to all the tracks contained in the CD.

Keep button 13 (SRC-SC) pressed until hearing the "beep" to play the first 10 seconds of every track on the CD. While playing the display will alternately show for about 2 seconds, the CD function chosen (CD time, name or number) and the word "SCAN". If the Scan function is on, the Repeat and Mix functions are turned off.

The scanning sequence is the following:

❒ from the track played up to the last of the tracks on the CD;

❒ from the first CD track to the last one (after the last track, scanning will restart from the first one, and so on);

The Scan function is interrupted in the following cases:

❒ pressing button 13 (SRC-SC) again to continue listening to the track being played;

❒ pressing a preset button (from 1 to 6);

❒ turning the Mute function on;

❒ changing the sound source;

❒ pressing button 13 (SRC-SC), 8 (MENU-PS) or 17 (AUD-LD);

❒ if the TA function is on and the station selected is broadcasting a traffic bulletin.

The Scan function will stay active until it is stopped by the user.

Repeat function (track repeat)

Press button 11 (4-RPT) to listen repeatedly to the last track played: for about 2 seconds the display shows "REP TR".

Press button 11 (4-RPT) again to turn the Repeat function off: for about 2 seconds the display shows "REP OFF".

After repeating a track the display shows for about 2 seconds "REP TR" or "REP CD".

Changing the sound source, the function is turned off.

IMPORTANT When the Repeat function is turned on, the Scan and Mix functions are turned off.

Mix function (random track playing)

To start random playing of tracks on the Compact Disc selected, press button 10 (5-MIX). A new track will be played and for about 2 seconds the display will show "MIX CD".

Press button 10 (5-MIX) again to turn the function off: for about 2 seconds the display will show "MIX OFF".

When the Mix function is on, all the tracks in the current CD will be played randomly.

After playing a track the display shows for about 2 seconds "MIX CD", "MIX MAG" or "MIX OFF".

Changing the sound source, the function is turned off.

IMPORTANT When the Mix function is turned on, the Scan and Repeat functions are turned off.

TPM function (CD playing sequence storage)

With the TPM function (Track Program Memory) it is possible to store the sequence for playing tracks of a CD, to be able to play them later in the sequence set.

To turn the function on briefly press button 16 (1-TPM), while listening to a CD. When the function is on, the display shows "TPM ON". After playing the track, the display will show again the word "TPM ON" for about 2 seconds.

The TPM function cannot be activated if no track sequence has been set. Pressing button 16 (1-TPM) the display will show "NO TPM".

To store tracks, select the track required, then keep button 16 (1-TPM) pressed until hearing the beep; the display will show "STORED". Repeat this procedure for all the other tracks to be stored.

IMPORTANT It is possible to store max. 40 tracks per CD.

CLR function
(clearing CD track storage)

With the CLR (Clear) function it is possible:

❒ to clear only one or all CD tracks stored with the TPM function.

To clear one track, select it with buttons 3 (◄◄) or 6 (►►) when the TPM function is on, then keep button 15 (2-CLR) pressed for about 3 seconds. The TPM function is turned off, a beep is heard and the display shows "TR CLR".

To clear all the tracks stored of a CD, insert the required CD, turn on the TPM function then press button 15 (2-CLR) for about 6 seconds. The TPM function is turned off, a double beep is heard after about 2 and 4 seconds and the display shows "CD CLR".

To clear all the tracks of all the CDs contained in the CD changer, press button 15 (2-CLR) for over 8 seconds. Three beeps are heard after about 2, 4 and 8 seconds and the display shows "TPM CLR".
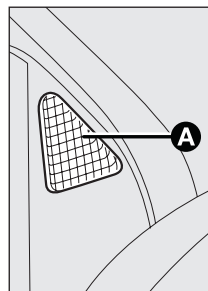
TECHNICAL INFORMATION
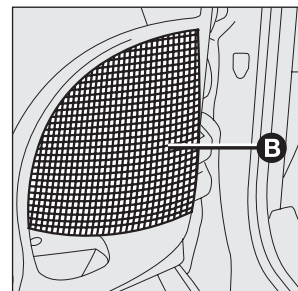
Radio

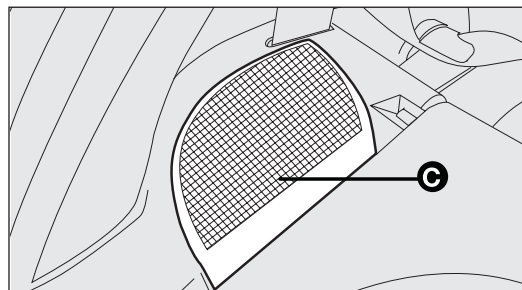Maximum power: 4x40W

Speakers

The system includes:

❒ 2 tweeters (A) with 40W max. power;

❒ 2 woofers (B) with a diameter of 165 mm and 40W max. power; if subwoofers are fitted the two woofers (B) will be HI-FI type;

❒ 2 rear full-range speakers (C) with a diameter of 100 mm and 30W max. power;

❒ 1 subwoofer (where provided) with 100W max. power, located on the left side of the boot. Subwoofer is protected by 10A fuse.
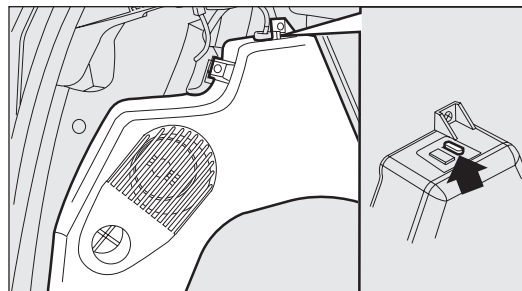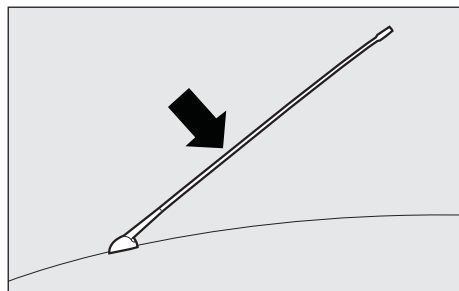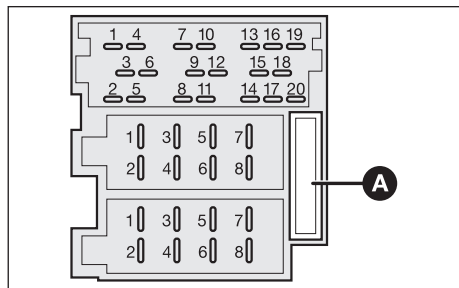
F0I0142m   F0I0203m

F0I0144m

F0I0078m

F0I0143m

Aerial

The aerial is located on the car roof.

F0I0007m

Protection fuse

The radio has a 10A fuse (A).

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The data contained in this publication is intended merely as a guide. FIAT reserves the right to modify the models and
versions described in this booklet at any time for technical and commercial reasons.
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