

F I A T P U N T O



PUNTO

S O U N D S Y S T E M

SUMMARY

INTRODUCTION.....	3	RADIO (TUNER)	21
Suggestions	3	Introduction	21
Technical specifications	5	Selecting a frequency band	21
		Preselection buttons	21
QUICK GUIDE.....	6	Storing the last station listened to	22
Steering wheel controls	9	Automatic tuning	22
General information	10	Manual tuning	22
		AutoSTore function	23
FUNCTIONS AND ADJUSTMENTS	12	Emergency alarm reception	24
Turning the car radio on	12	EON function	24
Turning the car radio off	12	Stereophonic broadcasters	24
Selecting the Radio functions	12		
Selecting the CD function	12	CD PLAYER	25
Audio source memory function	12	Introduction	25
Volume adjustment	12	CD player selection	25
Mute/Pause function	12	CD loading/ejection	25
Audio adjustments	13	Display readings	26
Tone adjustment	13	Track selection.....	27
Balance adjustment	13	Fast forward/fast rewind	27
Fader adjustment	14	Pause function	27
Loudness adjustment	14		
Menu	15	CD MP3 PLAYER	28
Telephone preparation	19	Introduction	28
Antitheft protection.....	20	MP3 mode	28

Display readings	29	TROUBLESHOOTING	30
Selecting the next/ previous folder with hybrid discs.....	29	General	30
Structure of the folders	29	CD player	30
		MP3 File reading	30

INTRODUCTION

The radio has been designed according to the passenger compartment's specific characteristics and with a personalised design that is incorporated perfectly in the style of dashboard.

The instructions for use are given below. We recommend that you read them carefully.

SUGGESTIONS

Road safety

Familiarise yourself with the various car radio functions (for example, store the stations) before starting to drive.

Reception conditions

Reception conditions change constantly while driving. Reception may be interfered with by the presence of mountains, buildings or bridges, or when you are far away from the broadcaster.

IMPORTANT The volume may be increased when receiving traffic bulletins.



If the volume is too high this can be a risk for the driver and for other people on the road. Always adjust the volume so that you can still hear background noises.

INTRODUCTION

QUICK
GUIDE

FUNCTIONS AND
ADJUSTMENTS

RADIO

CD PLAYER

CD MP3
PLAYER

Care and maintenance

Only clean with a soft, anti-static cloth. Cleaning and polishing products could damage the surface.

CDs

Dirt, scratches or any distortions on CDs could cause problems when playing and poor sound quality. Follow this advice for optimum conditions:

only use CDs with the following brand;



- clean every CD thoroughly removing any fingermarks or dust using a soft cloth. Hold CDs by the outside and clean them from the middle outwards;
- never use chemical products (e.g. anti-statics or thinners or sprays) for cleaning as they could damage the surface of the CDs;
- after listening to them place CDs back in their casings to avoid damage to them;
- do not expose CDs to direct sunlight, high temperatures or dampness for long periods;
- do not stick labels on the surface of the CD and do not write on the recorded surface using pens or pencils;
- do not use CDs that are very scratched, flawed, distorted, etc. Using discs like this will result in malfunctions or damage to the player;
- the use of original CD supports is required for the best quality audio production. If CD-R/RWs that have not been correctly mastered and/or with a maximum capacity above 650 MB are used, correct operation is not guaranteed;
- do not use the protective sleeves sold for CDs or discs with stabilizers, etc. because they could get stuck in the internal mechanism and damage the disc;

- ❑ if copy protected CDs are used, it may take a few seconds before the system starts playing them. The CD player cannot be guaranteed to play all protected discs. The fact that the CD is protected from being copied is often shown in very small letters or is difficult to read on the actual CD cover where it may be, for example, “COPY CONTROL”, “COPY PROTECTED”, “THIS CD CANNOT BE PLAYED ON A PC/MAC”, or it may be identified through the use of symbols, such as, for example:



- ❑ The CD player is capable of reading most compression systems currently in use (e.g.: LAME, BLADE, XING, FRAUNHOFER) but, following the development of these systems, the reading of all compression formats is not guaranteed.

TECHNICAL CHARACTERISTICS

Basic level audio equipment

Front speakers

- ❑ 2 x Ø 38 mm tweeters installed in the door handle trims;
- ❑ 2 x Ø 165 mm mid-woofers installed in the door frames

Rear speakers

- ❑ 2 x Ø 130 mm full-range speakers installed in the rear side panels (3-door versions) or in the door frames (5-door versions)

High level audio equipment (MP3)

Front speakers

- ❑ 2 x Ø 38 mm tweeters installed in the door handle trims;
- ❑ 2 x Ø 165 mm mid-woofers installed in the door frames

Rear speakers

- ❑ 2 x Ø 130 full-range speakers installed in the rear side panels (3-door versions) or in the door frames (5-door versions)

Hi-Fi audio equipment (for versions/markets where provided)

Front speakers

- ❑ 2 x tweeters installed in the door handle trims;
- ❑ 2 x Ø 165 mm mid-woofers installed in the door frames

Rear speakers

- ❑ 2 x Ø 130 mm full-range speakers installed in the rear side panels (3-door versions) or in the door frames (5-door versions)
- ❑ 1 x sub-woofer box in the luggage compartment (RH side)
- ❑ 1 ASP multichannel audio amplifier installed under the dashboard (passenger side).

QUICK GUIDE

INTRODUCTION

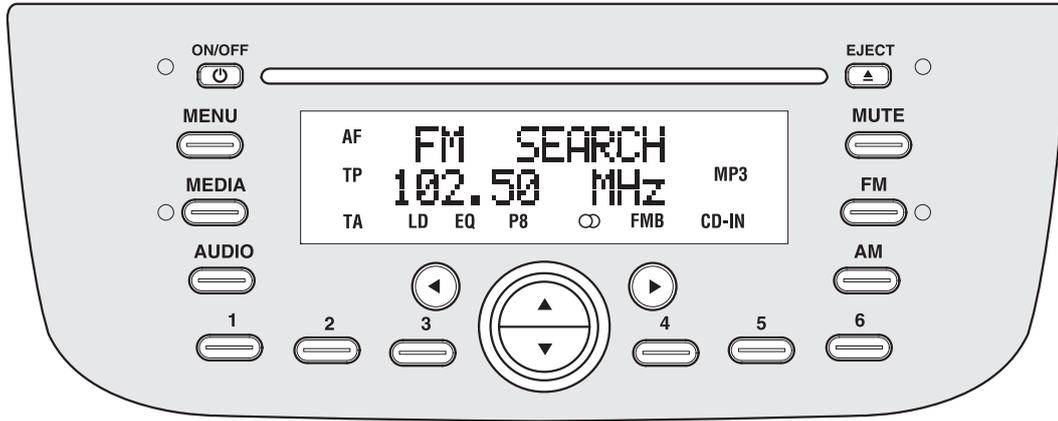
QUICK GUIDE

FUNCTIONS AND ADJUSTMENTS

RADIO

CD PLAYER

CD MP3 PLAYER



FOU0524m

Button	GENERAL FUNCTIONS	Mode
⏻ ON/OFF	On	Short button press
	Off	Long button press
FM AS	Selection of radio source FM1, FM2, FM Autostore	Short cyclical button press
AM	Selection of radio source MW1, MW2	Short cyclical button press
MEDIA	Selection of CD/Media Player source (only with Blue&Me™)	Short cyclical button press

Button	GENERAL FUNCTIONS	Mode
MUTE	Volume activation/deactivation (Mute/Pause)	Short button press
AUDIO	Audio adjustments: low tones (BASS), high tones (TREBLE), left/right balance (BALANCE), front/rear balance (FADER)	Menu activation: short button press Selection of type of adjustment: pressing buttons ▲ or ▼ Adjustment of values: pressing buttons ◀ or ▶
MENU	Advanced functions adjustment	Menu activation: short button press Selection of type of adjustment: pressing buttons ▲ or ▼ Adjustment of values: pressing buttons ◀ or ▶
	Volume adjustment	Left/right rotation of turning control

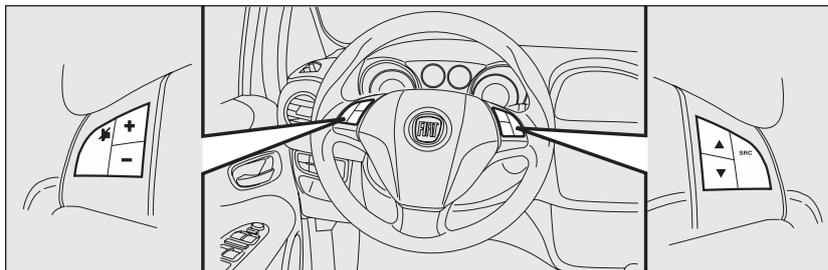
Button	RADIO FUNCTIONS	Mode
	Radio station search: – Automatic search – Manual search	Automatic search: pressing buttons ◀ or ▶ (long press for fast forward) Manual search: pressing buttons ▲ or ▼ (long press for fast forward)
1 2 3 4 5 6	Programming current radio station	Long button press for memory preset 1 to 6
	Stored station recall	Short button press for memory preset 1 to 6

Button	CD FUNCTIONS	Mode
▲ EJECT	CD ejection	Short button press
◀▶	Play previous/next track	Short button press ◀ or ▶
	CD track fast forward/rewind	Long button press ◀ or ▶
▲ ▼	Play previous/next folder (for CD-MP3)	Short button press ▲ or ▼

Button	Media Player FUNCTIONS (only with BlueMe™)	Mode
▲ ▼	Selecting folder/artist/genre/previous/ next album according to the selection method activated	Short button press
◀▶	Play previous/next track	Short button press

CONTROLS ON THE STEERING WHEEL

(for versions/markets where provided)



FOU0518m

Button	FUNCTION	Mode
	AudioMute on/off (Radio mode) or Pause function (MP3 or Media Player mode) (only with BlueMe™)	Short button press
+	Turn up volume	Button press
-	Turn down volume	Button press
SRC	Selection of Radio frequency range (FM1, FM2, FMT, FMA, MW1, MW2) or listening sources (Radio, MP3 or Media Player (only with BlueMe™))	Button press
▲	Radio: recall programmed stations (from 1 to 6) CD/CD MP3: selection of next track	Button press
▼	Radio: recall programmed stations (from 1 to 6) CD/CD MP3: selection of previous track	Button press

INTRODUCTION

QUICK
GUIDE

FUNCTIONS AND
ADJUSTMENTS

RADIO

CD PLAYER

CD MP3
PLAYER

GENERAL INFORMATION

The radio has the following functions:

Radio section

- PLL tuning with frequency bands FM/AM/MW;
- RDS (Radio Data System) with TA (traffic information) - TP (traffic programs) - EON (Enhanced Other Network) - REG (regional programs) functions;
- AF: alternative frequency search selection in RDS mode;
- emergency alarm presetting;
- automatic/manual station tuning;

- FM Multipath detector;
- manual programming of 30 stations: 18 on FM band (6 on FM1, 6 on FM2, 6 on FMT), 12 on MW band;
- automatic storage (AUTOSTORE function) of 6 stations in the dedicated FM band;
- SPEED VOLUME function: automatic volume adjustment based on vehicle speed;
- automatic Stereo/Mono selection.

CD section

- Direct disc selection;
- Track selection (forward/backward);
- Fast track search (forward/backward);
- CD Display function: display of disc name/time elapsed since start of the track;
- Playing audio CD, CD-R and CD-RW.



On multimedia CDs, besides audio tracks, there are data tracks too. Playing this type of CD could cause hissing at a volume that could jeopardise road safety as well as causing damage to the final stages and the speakers.

CD MP3 section

- MP3-Info function (ID3-TAG);
- Select folder (previous/next);
- Track selection (forward/backward);
- Fast track search (forward/backward);
- MP3 Display function: display of name of folder, ID3-TAG information, time elapsed since the start of the track, file name);
- Audio or data CDs, CD-R and CD-RW playback.

Audio section

- Mute/Pause function;
- Soft Mute function;
- Loudness function;
- 7 band graphic equalizer;
- Separate bass/treble adjustment;
- Right/left channel balancing.

Media Player section (only with Blue&Me™)

See the description in the **Blue&Me™** Supplement for the operation of the Media Player.

INTRODUCTION

QUICK
GUIDE

FUNCTIONS AND
ADJUSTMENTS

RADIO

CD PLAYER

CD MP3
PLAYER

FUNCTIONS AND ADJUSTMENTS

INTRODUCTION

TURNING THE CAR RADIO ON

The car radio comes on by briefly pressing button  (ON/OFF).

QUICK GUIDE

When the car radio is turned on the volume is limited to 5 if the value was higher than this when the radio was last used.

When the radio is turned on with the key extracted from the ignition, it switches off automatically after about 20 minutes. After it turns off automatically, it can be turned on again for an additional 20 minutes by pressing button  (ON/OFF).

FUNCTIONS AND ADJUSTMENTS

TURNING THE CAR RADIO OFF

Keep button  (ON/OFF) pressed.

RADIO

CD PLAYER

CD MP3 PLAYER

SELECTING THE RADIO FUNCTIONS

By pressing the FMas button briefly and repeatedly, the following audio sources can be selected cyclically:

– TUNER (“FM1”, “FM2”, “FMA”).

By pressing the AM button quickly and repeatedly, the following audio sources can be selected cyclically:

– TUNER (“MW”).

SELECTING THE CD FUNCTION

By pressing the MEDIA button briefly it is possible to select the CD function.

AUDIO SOURCE MEMORY FUNCTION

If another function (e.g. the radio) is selected whilst listening to a CD, playing is interrupted and is resumed from the same point when returning to the CD source.

If another function is selected whilst listening to the radio, the last station selected is tuned into when returning to the Radio source.

VOLUME ADJUSTMENT

To adjust the volume, turn the rotating control **fig. 1**.

If the volume level is changed during the transmission of a traffic update, the new setting will only be maintained until the update is finished.

MUTE/PAUSE FUNCTION (zeroing the volume)

Press the MUTE button briefly to activate the Mute function. The volume will gradually decrease and the words “RADIO Mute” will appear on the display (in radio mode) or “PAUSE” (in CD mode).

Press the MUTE button again to deactivate the Mute function. The volume will gradually increase until it reaches the level set previously.

When the volume is changed using the dedicated controls, the Mute function is deactivated and the volume is adjusted to the new level selected.

With the Mute function activated, it will be ignored when there is an incoming traffic alert (if the TA function is activated) or if an emergency alarm is received. The function will be reactivated when the announcement is over.

AUDIO ADJUSTMENTS

The functions in the audio menu are different depending on the status activated: AM/FM/CE/Media Player (only with **Blue&Me™**).

Press the AUDIO button briefly to change the Audio functions. After the AUDIO button is first pressed, the display will show the bass level value for the source activated at that time (e.g. in FM mode the display will show "FM Bass + 2").

To scroll through the Menu functions use button ▲ or ▼. To change the setting of the selected function, use the buttons ◀ or ▶.

The current status of the function selected will be shown on the display.

The functions managed by the Menu are:

- BASS (bass adjustment);
- TREBLE (treble adjustment);
- BALANCE (right/left balance adjustment);
- FADER (front/rear balance adjustment);

- LOUDNESS (LOUDNESS function on/off);
- EQUALIZER (activation and selection of factory equalization settings);
- USER EQUALIZER (customised equalization setting).

TONE ADJUSTMENT (bass/treble)

Proceed as follows:

- Use button ▲ or ▼ to set the "Bass" or "Treble" in the AUDIO menu;
- press the button ◀ or ▶ to increase/decrease the bass or treble settings.

By pressing the buttons briefly there is a gradual change in steps. By pressing them down longer, the levels will change quickly.

BALANCING ADJUSTMENT

Proceed as follows:

- Use button ▲ or ▼ to set the "Balance" in the AUDIO menu;
- press button ◀ to increase the sound from the right speakers or the button ▶ to increase the sound from the left speakers.

By pressing the buttons briefly there is a gradual change in steps. By pressing them down longer, the levels will change quickly.

Select the "◀ or ▶" value to set the right and left audio outputs at the same value.

INTRODUCTION

QUICK
GUIDE

FUNCTIONS AND
ADJUSTMENTS

RADIO

CD PLAYER

CD MP3
PLAYER

FADER ADJUSTMENT

Proceed as follows:

- Use button ▲ or ▼ to set the “Fader” in the AUDIO menu;
- Press button ◀ to increase the sound coming from the rear speakers or button ▶ to increase the sound coming from the front speakers.

By pressing the buttons briefly there is a gradual change in steps. By pressing them down longer, the levels will change quickly.

Select “◀ or ▶” to set the same level for the front and rear audio outputs.

LOUDNESS FUNCTION

The Loudness function improves the volume of the sound whilst listening at low volumes, increasing the bass and treble.

To activate/deactivate the function, select the Loudness setting of the AUDIO menu using the ◀ or ▶ button. The function status (on or off) is shown on the display for a few seconds by the words Loudness On or Loudness Off.

PRESET/USER*/ CLASSIC/ROCK/JAZZ functions (equalizer on/off)

The built-in equalizer can be activated/deactivated. When the equalizer function is off, the audio settings can only be changed by adjusting the bass and treble settings, whereas when the function is on, the acoustic curves can be adjusted. To turn off the equalizer, select the “EQ Preset” function using the ◀ or ▶ buttons.

To turn on the equalizer, use the ◀ or ▶ buttons to select one of the adjustments:

- “FM/AM/CD...EQ User” (adjustment of 7 equalizer bands that can be changed by the user);
- “Classic” (optimum predefined adjustment of equalizer for listening to classical music);
- “Rock” (optimum predefined adjustment of equalizer for listening to rock and pop music);
- “Jazz” (optimum predefined adjustment of equalizer for listening to jazz music);

When one of the equalizer adjustments is activated the letters “EQ” light up.

***USER EQ SETTINGS function
(equalizer settings only if the USER
setting has been
selected)**

To set a customized equalizer adjustment, set either the ▲ or ▼ button to User and press the MENU button.

A graph with 7 bars will appear on the display, where each bar represents a frequency. Select the bar to adjust using buttons ◀ or ▶; the bar selected will start to flash and can be adjusted using buttons ▲ or ▼.

Press the AUDIO button again to memorize the setting. The display will show the source activated at the time followed by the word User. If the mode is, for example, FM, then the display will show "FM EQ User".

MENU

MENU button functions

Press the MENU button briefly to activate the Menu function. The display will show the first menu item that can be adjusted (AF) (AF Switching On on the display).

To scroll through the Menu functions use button ▲ or ▼. To change the setting of the selected function, use the buttons ◀ or ▶.

The current status of the function selected will be shown on the display.

The functions managed by the Menu are:

- AF SWITCHING (ON/OFF);
- TRAFFIC INFORMATION (ON/OFF);
- REGIONAL MODE regional programs (ON/OFF);

- MP3 DISPLAY (CD MP3 display setting);
- SPEED VOLUME (automatic volume control based on speed);
- EXTERNAL AUDIO (telephone volume adjustment);
- RADIO OFF (off mode);
- SYSTEM RESET.

Press the MENU button again to exit the Menu function.

IMPORTANT The AF SWITCHING, TRAFFIC INFORMATION and REGIONAL MODE adjustments are only possible on FM.

INTRODUCTION

QUICK
GUIDE

FUNCTIONS AND
ADJUSTMENTS

RADIO

CD PLAYER

CD MP3
PLAYER

AF SWITCHING function (alternative frequency search)

The radio can operate in two different modes in the RDS system:

- “AF Switching On”: search for alternative frequencies activated (the letters “AF” appear on the display);
- “AF Switching Off”: search for alternative frequencies not activated.

Proceed as follows to switch the function on/off:

- press the MENU button and select “AF Switching On”;
- press the ◀ / ▶ buttons to turn the function on/off.

With the function activated, the radio automatically tunes into the station with the strongest signal broadcasting the same program. While driving, you can continue to listen to the same station without having to change the frequency when you change zones.

Obviously, it must be possible to receive the station that you are listening to in the area you are driving through.

If the AF function is activated, “AF” will light up on the display.

If the AF function has been activated and the radio is not able to receive the tuned station, the radio activates the automatic search, during which “FM Search” appears on the display (only for top of the range radios).

With the AF function deactivated, the remaining RDS functions, such as the display of the station name, still remain active.

The AF function can only be activated on FM bands.

TRAFFIC INFORMATION function (traffic information)

Some stations on the FM band (FMI, FM2 and FMA) can transmit information about traffic conditions. In this case the letters “TA” will appear on the display.

Proceed as follows to switch the TA function on/off:

- press the MENU button and select “Traffic Info”;
- press the ◀ / ▶ buttons to turn the function on/off.

If the TA function is activated, “TA” will light up on the display.

IMPORTANT If the TA function is activated with an audio source other than Tuner (Radio) (CD, MP3, Telephone or Mute/Pause), the radio can carry out an automatic search and therefore it is possible, when reactivating the Tuner (Radio) source, that the frequency tuned into will be different from the one set previously.

With the TA function, it is possible to:

- search only for RDS stations that broadcast on the FM band, which are enabled to transmit traffic information;
- receive traffic information even if the CD player is on;
- receive traffic information at a minimum preset volume even with the radio volume zeroed.

IMPORTANT In some countries there are radio stations that do not broadcast traffic information even with the TP function activated (“TP” in the display).

If the radio is working on the AM band, when the TA function is activated it will switch to the last station tuned into on the FM1 band.

The volume at which the traffic update is transmitted depends on the reception volume:

- listening volume below 5: traffic news volume 5 (fixed value);
- listening volume above 5: traffic news volume equal to listening volume +1.

If the volume is changed during a traffic update, the level will not be shown on the display; the new level will only be maintained during the update.

The display will show the words **TRAFFIC INFORMATION** whilst a traffic update is being received.

The TA function can be interrupted by pressing any button on the car radio.

REGIONAL MODE function (reception of regional broadcasts)

Some national broadcasters will transmit regional programs at certain times of the day (that vary from region to region). This function makes it possible to tune into local (regional) broadcasters automatically (see EON function paragraph).

If you want the radio to automatically tune into the regional stations being broadcast on the network selected, the function must be activated.

To turn the function on/off, use the buttons ◀ or ▶.

The current status of the function will appear on the display:

- “Regional On”: function activated;
- “Regional Off”: function deactivated.

If the function is deactivated and you have tuned into a regional station working in a given area and you enter a different area, then the regional station received in the new area will be broadcast.

WARNING If the AF and REG functions are on at the same time, once a border between two regions is crossed, the radio may not switch correctly to a valid alternative frequency.

MP3 DISPLAY FUNCTION (Compact Disc MP3 data display)

This function makes it possible to select the information shown by the display when listening to a CD containing MP3 tracks.

The function can only be selected if a CD MP3 is inserted: in this case “MP3 Display” will appear on the display.

To change the function, use the ◀ or ▶ buttons.

The following settings are available:

- Title (track title, the ID3-TAG if available);
- Author (track author, the ID3-TAG if available);
- Album (track album, the ID3-TAG if available);
- Folder name (folder name);
- File name (MP3 file name).

SPEED VOLUME function (volume change based on speed)

This function allows the volume level to be adjusted automatically depending on the speed of the vehicle, increasing it as the speed increases to maintain the same balance with the noise level inside the passenger compartment. To turn the function on/off, press the ◀ / ▶ buttons. The words Speed volume should appear on the display followed by the current status of the function:

- Off: function deactivated
- Low: function activated (low setting)
- High: function activated (high setting).

RADIO ON VOL function (radio volume maximum limit activation/deactivation)

This function makes it possible to activate/deactivate the maximum volume limit when turning the radio on.

The display shows the function status:

- “Radio on vol – Limit on”: when the radio is switched on the volume level will be:
 - if the volume level is equal to or higher than the maximum value, the radio will come on at the maximum volume;
 - if the volume level is between the minimum and maximum values, the radio will come on at the same volume as before it was switched off;
 - if the volume level is equal to or lower than the minimum value, the radio will come on at the minimum volume.
- “Radio on vol – Limit off”: the radio will come on at the volume level it was at before switching off. The volume may be between 0 and 40.

Use the ◀ / ▶ buttons to change the setting.

NOTES

- Using the Menu it is only possible to adjust the activation/deactivation of the function and not the minimum or maximum volume setting.
- If the “TA” or “TEL” functions or an outside audio source are activated when the radio is turned on, the radio will come on at the volume set for these sources. When the outside audio source is deactivated, the volume can be adjusted between the minimum and maximum levels.
- If the battery charge is low, it will not be possible to adjust the volume between the minimum and maximum levels.

EXTERNAL AUDIO function (telephone volume adjustment)

This function makes it possible to adjust (settings from 1 to 40), by turning the control **fig. 1** or pressing the ◀ / ▶ buttons or exclude (OFF setting) the volume of the Telephone, the **Blue&Me™** (except the Media Player function).

The display shows the current function status:

- “EXT Audio Off”: function deactivated.
- “EXT Audio Volume 23”: function activated with volume setting 23.

RADIO OFF function (on and off mode)

This function is used to select the mode of turning off the radio between two different procedures. To activate the function, use the ◀ or ▶ buttons.

The selected mode will appear on the display:

- “00 MIN”: the radio turns off automatically in connection with the ignition key; the radio turns off automatically as soon as the key is turned to the STOP position;
- “20 MIN”: the radio turns off independently from the ignition key; the radio remains on for a maximum period of 20 minutes after the key has been turned to the STOP position.

SYSTEM RESET function

This function is used to restore all settings to the factory values. The options are:

- NO: no restore intervention;
- YES: the default parameters are restored. The display will show Resetting during this operation. At the end of the operation, the source does not change and the previous situation will be displayed.

TELEPHONE PREPARATION

If a hands-free kit is installed on the car, when there is an incoming phonecall the radio audio will be connected to the telephone output. The telephone volume is always fixed, but it can be adjusted during a conversation using the rotating control **fig. 1**.

The fixed telephone audio volume can be adjusted using the “EXT Audio” function in the Menu. The word PHONE will appear on the display during the deactivation of the audio for the phonecall.

ANTI-THEFT PROTECTION

The radio is equipped with an anti-theft protection system based on the exchange of information between the radio and the electronic control unit (Body Computer) on the vehicle.

This system guarantees maximum security and avoids the secret code having to be entered every time after the radio power supply is disconnected.

If the outcome of the check is positive, the radio will start to work, whilst if the codes compared are not the same or if the electronic control unit (Body Computer) is replaced, the equipment will notify the user of the need to enter the password following the procedure in the paragraph below.

Entering the password

When the radio is switched on, if the password is requested, the display will show "Radio code" for about 2 seconds followed by four dashes "- - - -".

The password is made up of four numbers from 1 to 6, each corresponding to one of the dashes.

To enter the first number, press the button corresponding to the preset stations (from 1 to 6). Enter the other code numbers in the same way.

If the four digits are not entered within 20 seconds, the display will show "Enter code - - - -". This event is not considered an incorrect entering of the code.

After entering the fourth digit (within 20 seconds), the car radio will start to work.

If an incorrect code is entered, the radio will emit a sound and the display will show "Radio blocked/wait" to notify the user of the need to enter the correct code.

Each time the user enters an incorrect code, the waiting time will gradually increase (1 min, 2 min, 4 min, 8 min, 16 min, 30 min, 1h, 2h, 4h, 8h, 16h, 24h) up to a maximum of 24 hours. The waiting time will be shown on the display by "Radio blocked/wait". After the message disappears, the code entering procedure may be started again.

Code card

This document certifies ownership of the car radio. The Code Card contains the model of the radio, the serial number and the password.

IMPORTANT Keep the Code Card somewhere safe so that the authorities can be supplied with the relevant information if the radio is stolen.

RADIO (Tuner)

INTRODUCTION

When the radio is turned on the last function selected before it was switched off is activated: Radio, CD, CD MP3 or Media Player (only with **Blue&Me™**).

To select the Radio function when another audio source is being listened to, briefly press the FMas or AM buttons depending on the desired band.

Once the Radio mode has been activated, the display will show the name (RDS stations only) and the frequency of the selected radio station, the frequency band selected (e.g. FM1) and the preselect button number (e.g. P1).

FREQUENCY BAND SELECTION

With the Radio mode active, press the FMas or AM button briefly and repeatedly to select the desired reception band.

Each time the button is pressed the following bands are selected cyclically:

- Pressing the FMas button: “FM1”, “FM2” or “FMA”;
- Pressing the AM button: “MW”.

Each band is highlighted by the name in the display. The last station selected on the respective frequency band will be tuned into.

The FM band is divided into sections: FM1, FM1 or “FMA”; the FMA reception band is reserved for broadcasters stored automatically using the AutoStore function.

PRESELECTION BUTTONS

The buttons numbered from 1 to 6 are used to set the following preselections:

- 18 on the FM band FM (6 on FM1, 6 on FM2, 6 on FMT or “FMA” (on some versions);
- 12 on the MW band;

To listen to a preset station, select the desired frequency band and then briefly press the corresponding preset button (from 1 to 6).

By pressing the preset button for more than 2 seconds, the tuned station will be stored. The storing phase is confirmed by an acoustic signal.

INTRODUCTION

QUICK
GUIDE

FUNCTIONS AND
ADJUSTMENTS

RADIO

CD PLAYER

CD MP3
PLAYER

STORING THE LAST STATION LISTENED TO

The radio automatically stores the last station that was selected for each reception band, which is then tuned into when the radio is turned on or when the reception band is changed.

AUTOMATIC TUNING

Briefly press the ◀ or ▶ button to start the automatic tuning search for the next station that can be received in the selected direction.

If the ◀ or ▶ button is pressed down longer, the fast search starts. When the button is released, the tuning will stop at the next station that can be received.

If the TA function (traffic information) is on, the tuner will only search for stations that broadcast traffic updates.

MANUAL TUNING

This allows the manual search for stations on the preselected band.

Select the desired frequency band and then press the ▲ or ▼ button briefly and repeatedly to start to the search in the desired direction. If the ▲ or ▼ button is pressed longer, the fast search will start and then stop when the button is released.

AUTOSTORE FUNCTION (automatic station storage)

To activate the AutoSTore function, press down on the FMas button until you hear the acoustic confirmation signal. With this function, the radio automatically stores the 6 stations with the strongest signal in a decreasing order on the FMA frequency band.

During the automatic storing process, “Autstore” will appear flashing on the display.

To interrupt the AutoSTore function, press the FMas button again: the radio will return to tuning into the station listened to before the activation of the function.

When the AutoSTore function has finished, the radio will automatically tune into the first preset station on the FMA band stored on the preset 1 side.

The stations that have a strong signal at that moment are then automatically stored in the preselected band in the buttons numbered 1 to 6.

When the AutoSTore function is activated within the MW band, the FMA band is automatically selected and the function is performed.

IMPORTANT Sometimes the AutoSTore function does not manage to find 6 stations with a strong signal. In this case, the strongest stations will be duplicated in the free preset buttons.

IMPORTANT When the AutoSTore function is activated, the stations that were previously stored on the FMA band are deleted.

INTRODUCTION

QUICK
GUIDE

FUNCTIONS AND
ADJUSTMENTS

RADIO

CD PLAYER

CD MP3
PLAYER

EMERGENCY ALARM RECEPTION

The radio can receive emergency announcements in RDS mode in exceptional circumstances where dangerous situations are threatened (earthquakes, floods, etc.) if these are being transmitted by the broadcaster tuned into.

This function is activated automatically and cannot be turned off.

The word Alarm will be shown in the display during the transmission of an emergency announcement. The volume of the radio will change during this announcement in the same way as during a traffic bulletin.

EON FUNCTION (Enhanced Other Network)

In some countries, there are circuits that group multiple broadcasters that transmit traffic information together. In this case, the program of the station that is being listened to will be temporarily interrupted to:

- receive traffic information (only with the TA function on);
- listen to regional transmissions each time they are transmitted by one of the broadcasters in the same circuit.

STEREOPHONIC BROADCASTERS

If the incoming signal is weak, the reproduction is automatically switched from Stereo to Mono.

CD PLAYER

INTRODUCTION

This chapter describes the variants regarding the operation of the CD player: as far as the operation of the radio is concerned, refer to the description in the “Functions and Adjustments” chapter.

CD PLAYER SELECTION

To activate the CD player built-into the equipment, proceed as follows:

- load a CD with the equipment switched on: the first track will start to play;
- or
- if a CD has already been loaded, turn on the car radio and then briefly press the CD button to select the “CD” function mode: the last track listened to will start to play.

It is advisable to use original CDs to ensure optimum playing. If CD-R/RWs are used, we recommend using good quality media that are burned at the slowest speed possible.

CD LOADING/EJECTION

To load the CD, insert it gently into the slot to activate the motorized loading system, which will position it correctly.

The CD can be loaded with the radio switched off and the ignition key in the MAR position: in this case the radio will remain off. When the radio is turned on, the last source listened to prior to switching off will be activated.

When a CD is loaded the display will show “CD-IN” and the words “CD Reading”. They will remain displayed for the entire time required for the radio to read the CD tracks. When this time has elapsed the radio will automatically start playing the first track.

INTRODUCTION

QUICK
GUIDE

FUNCTIONS AND
ADJUSTMENTS

RADIO

CD PLAYER

CD MP3
PLAYER

Press the ▲ button (EJECT) with the radio on to activate the motorized ejection of the CD. After ejection, the last audio source listened to before playing the CD will be heard.

If the CD is not removed from the radio, it will automatically be reloaded about 20 seconds later and the Tuner mode will be tuned into (Radio).

The CD cannot be ejected if the radio is off.

If the ejected CD is loaded without having removed it completely from the slot, the radio will not switch to the CD source.

Possible error messages

If the CD loaded cannot be read (e.g. a CD ROM has been inserted or the CD is inserted the wrong way round or there is reading error) the display will show the words “CD Disc error”.

The CD will then be ejected and the audio source activated prior to the CD mode selection will be heard.

With an outside audio source activated (TA, ALARM or Phone), the CD that cannot be read will be not be ejected until these functions are over. At the end, with the CD mode activated, the display will show the words “CD Disc error” for a few seconds and then the CD will be ejected.

DISPLAY INFORMATION

When the CD player is working, the display will show information which has the following meaning:

- “CD Track 5”: indicates the number of the CD track;
- “03.42”: indicates the time elapsed since the start of the track (if the relevant Menu function is activated).

TRACK SELECTION (forward/backward)

Briefly press the ◀ button to play the previous CD track and the ▶ button to play the next track. The tracks are selected cyclically: the first track is selected after the last track and vice versa.

If the track has been played for more than 3 seconds, pressing the button ▶ will cause the track to be started again from the beginning. In this case, if you want to play the previous track, press the button twice consecutively.

TRACK FAST FORWARD/REWIND

Keep the ▶ button pressed down to fast forward the selected track and keep the button ◀ pressed down to fast rewind the track. The fast forward/back will stop once the button is released.

PAUSE FUNCTION

To pause the CD player, press the MUTE button. The words “CD Pause” will appear on the display.

To resume listening to the track, press the MUTE button again.

If another audio source is selected, the pause function is turned off.

INTRODUCTION

QUICK
GUIDE

FUNCTIONS AND
ADJUSTMENTS

RADIO

CD PLAYER

CD MP3
PLAYER

GD MP3 PLAYER

INTRODUCTION

INTRODUCTION

This chapter only describes the variants regarding the operation of the CD MP3 player: as far as the operation of the radio is concerned, refer to the description in chapters “4” and “6”.

NOTE MPEG Layer-3 audio decoding technology licensed from Fraunhofer IIS and Thomson multimedia.

QUICK GUIDE

FUNCTIONS AND ADJUSTMENTS

RADIO

CD PLAYER

CD MP3 PLAYER

MP3 MODE

In addition to playing normal audio CDs, the radio is also capable of playing CD-ROMs on which MP3 format compressed audio files are recorded. The radio works according to the modes described in chapter “5” when an ordinary audio CD is inserted.

The use of good quality media burnt at the slowest possible speeds is recommended for optimum quality.

The files on the MP3 CD are in folders, with sequential lists of all the folders containing MP3 tracks (folders and sub-folders are all on the same level) and folders that do not contain MP3 tracks cannot be selected.

The operating conditions and specifications for playing MP3 files are as follows:

- the CD-ROMs used must be burned in compliance with the Specification ISO9660;
- the music files must have an “.mp3” extension: files with a different extension cannot be played;
- the following sampling frequencies can be played: 44.1 kHz, stereo (96 to 320 kbit/s) - 22.05 kHz, mono or stereo (32 to 80 kbit/s);
- tracks with variable bit-rates can be played.

IMPORTANT The names of tracks should not contain the following characters: spaces, ‘ (apostrophes), (e) (open and close brackets). When a CD MP3 is being burned, make sure that the file names do not contain these characters; otherwise, the car radio will not be able to play those tracks.

SELECTING MP3 SESSIONS WITH HYBRID DISCS

If a hybrid disc is inserted (Mixed Mode, Enhanced, CD-Extra) also containing MP3 files, the radio automatically starts playing the audio session. It is possible to move to the MP3 session whilst playing by keeping the MEDIA button pressed for more than 2 seconds.

IMPORTANT When the function is activated the radio may take a few seconds to start playing. Whilst checking the disc the display will show “CD Reading”. If no MP3 files are detected, the radio will resume playing the audio session from the point where it was interrupted.

DISPLAY INFORMATION

Id3-tag information display

In addition to the information relating to the time elapsed, the name of the folder and the name of the file, the radio is also capable of display ID3-TAG information relating to the Title track, Artist and Author.

The name of the MP3 folder shown on the display corresponds to the name with which the folder was stored on the CD, followed by an asterisk.

Example of a complete MP3 folder name: BEST OF *.

If you wish to display one of the ID3-TAG pieces of information (Title, Artist, Album) and this information has not been recorded for the track played, the information will be replaced by information relating to the name of the file.

SELECTION OF NEXT/PREVIOUS FOLDER

Press the ▲ button to select the next folder or the ▼ button to select the previous folder. The display will show the number and the name of the folder (e.g. “DIR 2 XXXXXX”).

XXXXXX: name of the folder (the display will only show the first 8 characters).

The folders are selected cyclically: the first folder is selected after the last folder and vice versa.

If no other folder/track is selected during the next 2 seconds, the first track contained in the new folder will be played.

If the last track on the folder currently selected is being played, the next folder will be played.

STRUCTURE OF THE FOLDERS

The radio with MP3 player:

- only recognizes the folders that effectively contain MP3 format files
- if the MP3 files on a CD-ROM are structured in “sub-folders”, their structure is compressed to a single level structure where the “sub-folders” are taken to the level of the main folders.

INTRODUCTION

QUICK GUIDE

FUNCTIONS AND ADJUSTMENTS

RADIO

CD PLAYER

CD MP3 PLAYER

TROUBLESHOOTING

GENERAL

Sound volume low

The Fader function should be adjusted to “F” (front) values to prevent the reduction in radio output power and the cancelling of the volume if the Fader level adjustment is R+9.

Source cannot be selected

Nothing has been loaded. Load the CD or CD MP3 to be played.

CD PLAYER

The CD does not play

The CD is dirty. Clean the CD.

The CD is scratched. Try and use another CD.

The CD cannot be loaded.

A CD is already loaded. Press the ▲ button and remove the CD.

MP3 FILE PLAYBACK

Tracks jump during mp3 file playback

The CD is scratched or dirty. Clean the CD, referring to what is described in the “CD” paragraph in the “INTRODUCTION” chapter.

The duration of the mp3 tracks is not shown correctly

In some cases (due to the recording mode) the duration of the MP3 tracks may be displayed incorrectly.

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