5 0 0 **A B A R T H**

S O U N D   S Y S T E M

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INTRODUCTION

The radio has been designed according to the specifications of the passenger compartment, with a personalised design meeting perfectly the style of the dashboard.

The instructions for use are given below and we recommend you to read them carefully.

SUGGESTIONS

Road safety

Please, learn how to use all different radio functions (e.g. store stations) before beginning 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.

WARNING When receiving traffic reports, the volume may increase to above normal levels.

High volume can be a risk for the driver and for other people in road traffic. Always adjust the volume so that you can still hear background noises.

Care and maintenance

Clean the cover with a soft antistatic cloth only. Cleaning and polishing products could damage the surface.

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CDs

The presence of dirt, scratches or distortions on the CDs could cause skipping while it is playing and poor sound quality. For optimal playback conditions, follow these guidelines:

❒ only use branded CDs:

❒ 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 chemicals (e.g. antistatics or thinners or sprays) for cleaning as they could damage the surface of the CDs;

❒ after listening to them place CDs back in their boxes to avoid them from being damaged;

❒ do not expose CDs to direct sunlight, high temperatures or moisture for long periods;

❒ do not stick labels on the CD surface or write on the recorded surface with pencils or pens;

❒ do not use CDs that are very scratched, flawed, distorted, etc. Using discs like these will result in malfunctions or damage to the player;

❒ the use of original CD media is required for the best quality audio production. Correct operation is not guaranteed when CD-R/RW media are used that were not correctly burned and/or with a maximum capacity above 650 Mb;

❒ do not use commercially available protective sheets for CDs or discs, with stabilisers, etc. as they could get stuck in the internal mechanism and damage the disc;

❒ if a copy-protected CD is used, it may take a few seconds before the system starts to play it. 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 SPECIFICATIONS

The complete system consists of:

❒ two 165 mm diameter 40 W mid-woofer speakers, each of them in the front doors;

❒ two 38 mm diameter 30 W tweeter speakers, each of them in the front pillars;

❒ two 165 mm diameter 40 W full range speakers, each of them in the rear side panels;

❒ aerial on the car roof or screen-printed aerial on the windscreen (500C versions);

❒ radio with CD MP3 player.

With HI-FI system
(for versions/markets, where provided)

❒ two 165 mm diameter 60 W mid-woofer speakers;

❒ two 40 W tweeter speakers in the front pillars;

❒ two max 40 W full range speakers, each of them in the rear side panels;

❒ a 60 W subwoofer under the right-hand front seat;

❒ a 4x30 W amplifier in the right-hand rear side panel;

❒ aerial on the car roof or screen-printed aerial on the windscreen (500C versions);

❒ radio with CD MP3 player.

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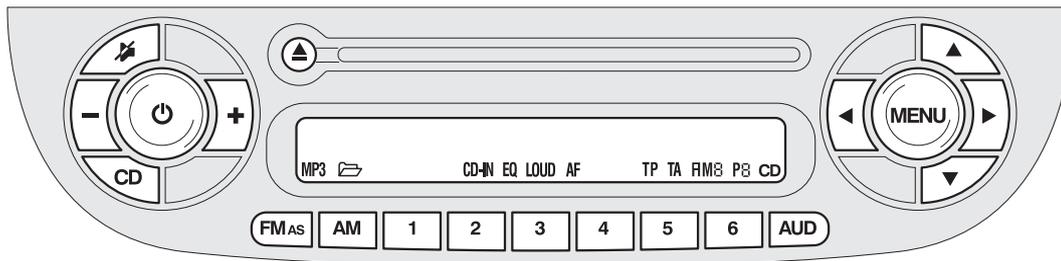
fig. 1   F0S0075m

Button	GENERAL FUNCTIONS	Mode
⏻	On	Short button press
	Off	Short button press
FMAS	FM1, FM2, FM Autostore radio source selection	Short cyclical button press
AM	MW1, MW2 radio source selection	Short cyclical button press
CD	Radio/CD source selection/AUX (only with **Blue&Me™**)	Short cyclical button press

Button	GENERAL FUNCTIONS	Mode
✗	Volume activation/deactivation (Mute/Pause)	Short button press
AUD	Audio adjustments: low tones (BASS), high tones (TREBLE), lh/rh balance (BALANCE), front/rear balance (FADER)	Menu activation: short button press Adjustment type selection: buttons ▲ or ▼ press Adjustment of values: buttons ◀ or ▶ press
MENU	Advanced functions adjustment	Menu activation: short button press Adjustment type selection: buttons ▲ or ▼ press Adjustment of values: buttons ◀ or ▶ press
+/–	Volume adjustment	Button **+** press: volume increase Button **–** press: volume decrease

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

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Button	CD FUNCTIONS	Mode
▲	CD ejection	Short button press
◄ ►	Previous/next track play	Short buttons ◄ or ► press
	CD track fast forward/rewind	Long buttons ◄ or ► press
▲ ▼	Previous/next folder play (for CD-MP3)	Short buttons ▲ or ▼ press

STEERING WHEEL CONTROLS
(for versions/markets, where provided)

fig. 2

F0S0143Ab

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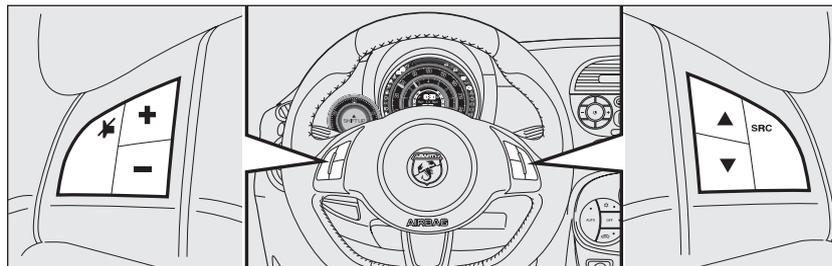
Button	FUNCTION	Mode
✕	AudioMute switching on/off (Radio mode) or Pause function (MP3 mode)	Short button press
+	Volume increase	Button press
–	Volume decrease	Button press
SRC	Radio frequency range selection (FM1, FM2, FMT, FMA, MW1, MW2) and listening sources (Radio, CD, MP3)/ AUX (only with **Blue&Me™**)	Button press
▲	Radio: pre-selected station (from 1 to 6) recall CD/CD MP3: next track selection	Button press
▼	Radio: pre-selected station (from 1 to 6) recall CD/CD MP3: previous track selection	Button press

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GENERAL INFORMATION

The radio offers the following functions:

Radio section

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

❒ RDS (Radio Data System) with TA function (traffic information) – TP (traffic programmes) – EON (Enhanced Other Network) – REG (regional programmes);

❒ AF: alternative frequency search selection in RDS mode;

❒ emergency alarm presetting;

❒ automatic/manual station tuning;

❒ FM Multipath detector;

❒ manual storing of 30 stations: 18 on FM band (6 on FM1, 6 on FM2, 6 on FMT), 12 on MW band (6 on MW1, 6 on MW2);

❒ automatic storing (AUTOSTORE function) of 6 stations in the dedicated FM band;

❒ SPEED VOLUME function: automatic volume adjustment depending on the car speed;

❒ automatic Stereo/Mono selection.

CD section

❒ Direct disc selection;

❒ Track selection (forward/backward);

❒ Fast forward/rewind through tracks;

❒ CD Display function: display of disc name and time elapsed since start of the track;

❒ Audio CD, CD-R and CD-RW playing.

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);

❒ Folder selection (previous/next);

❒ Track selection (forward/backward);

❒ Fast forward/rewind through tracks;

❒ MP3 Display function: display of folder name, ID3-TAG information, (time elapsed since the start of the track, name of the file);

❒ Playing audio or data CD, CD-R and CD-RW.

Audio Section

❒ Mute/Pause function;

❒ Soft Mute Function;

❒ Loudness Function;

❒ Graphic 7 band equaliser;

❒ Separate bass/treble tone adjustment;

❒ Right/left channel balancing.

AUX section

❒ AUX source selection;

❒ AUX Offset function: alignment of the portable device volume to the one of the other sources;

❒ Portable player reading.

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TURNING THE CAR RADIO ON

The car radio comes on when the button ⏻ ON/OFF is pressed briefly.

When the car radio is turned on, the volume is limited to a setting of 5 if it had been set higher when previously used.

When the radio is turned on with the key extracted from the ignition switch, it turns off automatically after about 20 minutes. After the radio has switched itself off automatically it can be turned on for a further 20 minutes by pressing the button ⏻ ON/OFF.

TURNING THE CAR RADIO OFF

Briefly press the button ⏻ (ON/OFF).

SELECTING THE RADIO FUNCTIONS

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

– TUNER ("FM1", "FM2", "FMA").

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

– TUNER ("MW1, MW2").

SELECTING CD FUNCTION

By briefly pressing the CD button, the CD audio source can be selected (only with a CD loaded).

AUDIO SOURCE MEMORY FUNCTION

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

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

VOLUME ADJUSTMENT

To adjust the volume press the buttons **+** or **–** to increase/decrease the volume.

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

MUTE/PAUSE FUNCTION (zeroing the volume)

Press the button 🔇 briefly to activate the MUTE function. The volume will gradually decrease and the wording "RADIO Mute" will be shown on the display (in radio mode) or "CD Pause" (in CD mode).

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

When the volume level 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 alert is over.

AUDIO ADJUSTMENTS

The functions that can be selected from the audio menu change depending on the context: AM/FM/CD/AUX.

Press the button AUD briefly to change the Audio functions. After the button AUD 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 the wording "FM Bass +2").

Use the buttons ▲ or ▼ to scroll through the Menu functions. To change the setting of the selected function, use the buttons ◄ or ►.

The current status of the selected function appears 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 activation/deactivation);

❐ EQUALIZER (activation and selection of factory equalisation adjustments);

❐ USER EQUALISER (customised equalisation adjustment).

TONE ADJUSTMENT (bass/treble)

Proceed as follows:

❐ Use the button ▲ or ▼ to set "Bass" or "Treble" in the AUDIO menu;

❐ press the button ◄ or ► to increase/decrease the bass or treble adjustments.

By pressing the buttons briefly, the levels will change progressively. By pressing them down longer, the levels will change quickly.

BALANCE ADJUSTMENT

Proceed as follows:

❐ Use the button ▲ or ▼ to set "Balance" in the AUDIO menu;

❐ press the 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, the levels will change progressively. By pressing them down longer, the levels will change quickly.

Select the value "◄ 0 ►" to set the right and left audio outputs at the same level

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FADER ADJUSTMENT

Proceed as follows:

❒ Use the button ▲ or ▼ to set "Fader" in the AUDIO menu;

❒ press the button ▶ to increase the sound coming from the rear speakers or the button ◀ to increase the sound coming from the front speakers.

By pressing the buttons briefly, the levels will change progressively. By pressing them down longer, the levels will change quickly.

Select the value "◀ 0 ▶" to set the right and left audio outputs at the same level.

LOUDNESS FUNCTION

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

To activate/deactivate this function, use the button ◀ or ▶ to select the "Loudness" setting in the AUDIO menu. The condition of the function (on or off) is shown on the display for a few seconds by the wording "Loudness On" or "Loudness Off".

PRESET/USER*/CLASSIC/ ROCK/JAZZ functions (equaliser activation/deactivation)

The built-in equaliser can be activated/deactivated. When the equaliser 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 deactivate the equaliser, select the "EQ Preset" function using the buttons ◀ or ▶.

To activate the equaliser, use the buttons ◀ or ▶ to select one of the adjustments:

❒ "FM/AM/CD...EQ User" (adjustment of 7 equaliser bands that can be changed by the user);

❒ "Classic" (equaliser preset for optimal classic music sound);

❒ "Rock" (equaliser preset for optimal rock and pop music sound);

❒ "Jazz" (equaliser preset for optimal jazz music sound).

When one of the equaliser adjustments is activated the wording "EQ" lights up.

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

To set a personalised equaliser adjustment, place button ▲ or ▼ at USER and press the button MENU.

On the display appears a 7 bar graph, in which each bar represents a frequency. Select the bar to be adjusted using the buttons ◀ or ▶; the selected bar will start to flash and it can be adjusted using buttons ▲ or ▼.

To store the setting, press the button AUDIO again. The display will show the source activated at that time followed by the wording "User". If the mode is "FM" the display will show the wording "FM EQ User".

MENU

MENU button functions

Press the button MENU 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).

Use the buttons ▲ or ▼ to scroll through the menu functions. To change the setting of the selected function, use the buttons ◄ or ►.

The current status of the selected function appears 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);

❒ RADIO ON VOLUME (radio volume maximum limit activation/deactivation);

❒ SPEECH VOLUME (telephone volume adjustment);

❒ AUX OFFSET (alignment of the portable device volume to the one of the other sources);

❒ 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.

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 wording "AF" appears on the display);

❒ "AF Switching: OFF" – search for alternative frequencies not activated.

Proceed as follows to activate/deactivate the function:

❒ press the button MENU and select "AF Switching: On";

❒ press the buttons ◄/► to activate/ deactivate the function.

By turning the function on the car radio will automatically tune into the station with the strongest signal that is transmitting the same programme. 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.

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If the AF function was activated, the icon "AF" lights up on the display.

If the AF function has been activated and the radio can not receive the tuned station, the radio activates the automatic search during which the wording "FM Search" will be shown on the display (for versions/markets where provided).

With AF function deactivated, the remaining RDS functions such as the radio station name display, continue being activated.

The AF function can only be activated on FM bands.

TRAFFIC INFORMATION function (traffic news)

Some stations on the FM band (FM1, FM2 and FMA) can transmit information about traffic conditions. In this case the wording "TA" appears on the display.

Proceed as follows to activate/deactivate the TA function:

❒ press the button MENU briefly and select "Traffic info";

❒ press the buttons ◀ / ▶ to activate/deactivate the function.

If the TA function was activated, the icon "TA" lights 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 is different from the set previously one.

With the TA function, it is possible to:

❒ search only for RDS stations that transmit on the FM band, that 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 off.

IMPORTANT In some countries there are radio stations that, even with the TP function activated, do not transmit traffic information (the icon "TP" appears on the display).

If the radio is tuned to a station in the AM band, when TA is activated it will tune to the last selected station in the FM1 band.

The volume at which the traffic news is transmitted depends on the listening volume:

❒ listening volume below 5: traffic news volume equal to 5 (fixed value);

❒ listening volume above 5: traffic news volume equal to listening volume +1.

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

While traffic information is being received, "TRAFFIC INFORMATION" will appear on the display.

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

REGIONAL MODE function (reception of regional transmissions)

Some national broadcasters transmit regional programmes 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 selected network, the function must be activated.

To turn the function on/off, use the buttons ◄ or ►.

The current status of the function appears on the display:

❐ "Regional Mode: On" – function activated;

❐ "Regional Mode: 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 (MP3 Compact Disc 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 be selected only if a MP3 CD is loaded: in this case the wording "MP3 Display" appears on the display.

To activate/deactivate the function use the buttons ◄ or ►.

The following settings are available:

❐ "Title" (track title, if ID3-TAG is available);

❐ "Author" (track author, if ID3-TAG is available);

❐ "Album" (track album, if ID3-TAG is available);

❐ "Folder" name (name assigned to the folder);

❐ "File" name (name assigned to the MP3 file).

SPEED VOLUME function (volume change depending on the speed)

This function automatically adapts the volume level to the speed of the car, turning up the volume when the speed increases to maintain the ratio with the noise level inside the passenger compartment. To activate/deactivate the function, use the buttons ◄ / ►. The wording "Speed volume" appears on the display, followed by the current status of the function:

❐ Off: function deactivated

❐ Low: function activated (low sensitivity)

❐ High: function activated (high sensitivity).

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RADIO ON VOLUME 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:

❒ "On volume limit: on" – when the radio is turned 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.

❒ "On volume limit: off" – the radio will come on at the same volume as before it was switched off. The volume level can 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 value.

❒ If turning on the radio the function "TA", "TEL" or an external audio source is activated, the radio will turn on with the volume set for these sources. The volume can be adjusted between the minimum and the maximum level, by deactivating the external audio source.

❒ If the battery charge is too low, the volume cannot be adjusted between the minimum and the maximum level.

SPEECH VOLUME function (phone volume adjustment)

This function makes it possible to adjust the phone volume (setting from 1 to 40) by turning the rotating ring nut **fig. 1** or by pressing the buttons ◄ / ► or to exclude it (OFF setting).

The display shows the function current status:

❒ "Speech: Off" – function deactivated;

❒ "Speech volume: 23" – function activated with volume set to 23.

AUX OFFSET function
(alignment of the portable device volume to the one of the other sources)

This function enables to align the volume of the Aux source, depending on its own portable player, to the one of the other sources. To activate the function, press the MENU button and then select "AUX offset".

Press the buttons ◀ or ▶ to decrease or increase the volume value (set from – 6 to + 6).

RADIO OFF function
(on and off mode)

This function makes it possible to set the radio switching off mode by choosing between two methods. To activate the function use the buttons ◀ or ▶.

The choose mode appears on the display:

❒ "Radio off: 00 min": the radio turns off in connection with the ignition key; the radio is turned automatically off as soon as the key is turned to the STOP position;

❒ "Radio off: 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 will be restored. During such operation, the wording "Resetting" appears on the display. At the end of the operation, the source does not change and the previous situation will be displayed.

PHONE PRESETTING

When a phone call is received, the radio audio will be connected to the telephone output if the hands-free kit is installed on the car. The sound of the telephone always arrives at a fixed volume, but it is possible to adjust it during a phone conversation by pressing the rotating ring nut **fig. 1**.

The fixed volume of the telephone audio can be adjusted with the function "SPEECH VOLUME" of the Menu. The wording "PHONE" appears on the display during the telephone audio deactivation.

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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) present on the car.

This system guarantees maximum safety and prevents the secret code from being entered every time the radio power supply is disconnected.

If the check has a positive outcome, the radio will start to function, whereas if the comparison codes are not the same or if the electronic control unit (Body Computer) is replaced, the device will ask the user to enter the secret code according to the procedure described in the paragraph below.

Entering the secret code

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

The secret code is made up of four digits from 1 to 6, each corresponding to one of the dashes.

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

If the four digits are not entered within 20 seconds, the display shows the wording "Enter code - - - -". If this occurs, it is not considered an incorrect code entry.

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

If an incorrect code is entered, the radio will emit a sound and the display shows the wording "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 gradually increases (1 min, 2 min, 4 min, 8 min, 16 min, 30 min, 1h, 2h, 4h, 8h, 16h, 24h) to a maximum of 24 hours. The waiting time will be shown on the display with the wording "Radio blocked/wait". After the wording has disappeared it is possible to start the code entering procedure again.

Code Card

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

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)

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When the car radio is turned on, the last function that was selected before turning it off (Radio, CD,CD MP3, AUX) is activated.

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

Once the Radio mode has been activated, the display will show the name (RDS stations only) or 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 button FMAs or AM briefly and repeatedly to select the desired reception band.

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

❒ By pressing the button FMAs: "FM1", "FM2" or "FMA";

❒ By pressing the button AM: "MW1, MW2".

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

The FM band is divided into sections: FM1, FM2 or "FMA"; the FMA reception band is reserved to broadcasters stored automatically using the Autostore function.

PRESET BUTTONS

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

❒ 18 in the FM band (6 in FM1, 6 in FM2, 6 in FMT or "FMA" (on some versions));

❒ 12 in the MW band (6 in MW1, 6 in MW2).

To listen to a preset station, select the desired frequency band and then press briefly 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.

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STORING THE LAST STATION LISTENED TO

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

AUTOMATIC TUNING

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

If the button ◄ or ► is pressed for longer, the rapid search is started. When the button is released, the tuner will stop on the next station that can be received.

If the TA function (traffic news) is on, the tuner searches only for stations that broadcast traffic news.

MANUAL TUNING

This is used to manually search for stations in the preselected band.

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

AUTOSTORE FUNCTION
(station automatic storing)

To activate the Autostore function, hold the button FMAS pressed until the activation of 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, the wording "Autostore" flashes on the display.

Press the button FMAS again to stop the Autostore function: the radio will tune again into the station listened to before the activation of the function.

When the Autostore function is over, the radio will automatically tune into the first preset station on the FMA band stored on the preset side 1.

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

When the Autostore function is activated within the MW1 or MW2 band, the FMA band is automatically selected and the function is performed in it.

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

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

EMERGENCY ALARM RECEPTION

The radio can receive emergency alerts in RDS mode in exceptional circumstances or when 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 wording "ALARM" is shown on the display during the transmission of an emergency alert. The volume of the radio changes during this announcement in the same way as during a traffic news.

EON FUNCTION (Enhanced Other Network)

In some countries, there are circuits that group multiple broadcasters that are enabled to transmit traffic information together. In this case, the programme 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.

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CD PLAYER

INTRODUCTION

This chapter describes the variants regarding the operation of the CD player only: 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 press briefly the button CD to select the "CD" function mode: the last track listened to will start to play.

It is advisable to use original CDs to ensure optimal 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 motorised loading system, which will position it correctly.

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

When a CD is inserted the display will show the symbol "CD-IN" and the wording "CD Reading". They will remain displayed for the whole time required for the radio to read the CD. When this time has elapsed the radio automatically starts playing the first track.

Press the button ▲, with the radio turned on, to activate the motorised CD ejection system. 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 loaded CD 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 shows the wording "CD Disc error".

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

With outside audio source on ("TA", "ALARM" and "Phone") the CD which cannot be read will not be ejected until these functions are over. At the end, with the CD mode activated, the display will show the wording "CD Disc error" for a few seconds and then the CD will be ejected.

DISPLAY INFORMATION

When the CD player is operating, on the display appear information with the following meaning:

❒ "CD Track 5": indicates the CD track number;

❒ "03:42": indicates the time elapsed since the start of the track (if the relevant Menu function is activated).

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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 ◀ the track starts 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/rewind will stop once the button is released.

PAUSE FUNCTION

To pause the CD player, press the button ⏸. The wording "CD Pause" appears on the display.

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

If another audio source is selected, the pause function is deactivated.

CD MP3 PLAYER

INTRODUCTION

This chapter 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 the chapters "Radio" and "CD Player".

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

MP3 MODE

In addition to playing regular audio CDs, the radio is also enabled to play CD-ROMs on which compressed audio files have been recorded in an MP3 format. The radio will work according to the modes described in chapter "CD Player" when an ordinary audio CD is loaded.

To guarantee optimal reproduction it is advisable to use good quality CDs burned at the lowest speed possible.

The files on an MP3 CD are structured in folders that create lists of all the folders containing MP3 tracks (folders or sub-folders are all on the same level); the folders that do not contain MP3 tracks cannot be selected.

The specifications and operating conditions for playing MP3 files are the following:

❐ the CD-ROMs used should be burned in accordance with ISO standard 9660;

❐ the music files should have extension ".mp3": files with a different extension will not be reproduced;

❐ The sampling frequencies that can be reproduced are: 44.1 kHz, stereo (from 96 to 320 kbit/s) – 22.05 kHz, mono or stereo (from 32 to 80 kbit/s);

❐ tracks with a variable bit-rate can be reproduced.

IMPORTANT The track names must not include the following characters: spaces, ' (apostrophes), (and) (open and close brackets). During the burning of a MP3 CD, make sure that the names of the files do not contain these characters; if not, the radio will not be able to play the tracks involved.

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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 button CD 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, folder name and file name, the radio is also capable of displaying ID3-TAG information relating to Title track, Artist and Author.

The name of the MP3 folder shown on the display corresponds to the name used to store the folder on the CD, followed by an asterisk.

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

When one of the ID3-TAG pieces of information is chosen to be displayed (Title, Artist, Album) and this information has not been recorded for the track played, the information will be replaced by that relating to the name of the file.

SELECTION OF NEXT/ PREVIOUS FOLDER

Press the button ▲ to select a 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 in the next 2 seconds, the first track on the new folder will be played.

If the last track in the folder at that moment selected is played, the next folder will be played.

STRUCTURE OF THE FOLDERS

The radio with MP3 player:

❒ recognises only 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.

AUX
(only with Blue&Me™)

INTRODUCTION

This chapter describes the variants regarding the operation of the AUX source: as far as the operation of the radio is concerned, refer to the description in the "Functions and Adjustments" chapter.

AUX MODE

To activate the AUX source, press the MEDIA button or the SRC steering wheel control several times till the corresponding source is displayed.

IMPORTANT NOTES

The functions of the device connected with the AUX socket are directly managed by the device itself; it is not possible to change track/folder/playlist with radio or steering wheel controls.

Do not leave the cable of your portable player connected with the AUX socket after the disconnection, to avoid possible hisses from the speakers.

NOTE The Aux socket is not incorporated in the radio. For its position, refer to the **Blue&Me™** Supplement and its Quick Guide.

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TROUBLESHOOTING

GENERAL

Sound volume low

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

Source cannot be selected

Nothing has been loaded. Load the CD or the MP3 CD to listened to.

CD PLAYER

The CD does not play

The CD is dirty. Clean the CD.

The CD is scratched. Try using another CD.

The CD cannot be loaded

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

MP3 FILE READING

Track skips whilst playing MP3 files

The CD is scratched or dirty. Clean the CD, referring to the description in the paragraph "CD" in the chapter "Introduction".

The duration of the MP3 tracks is not correctly displayed

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

NOTES