F I A T **B R A V O**

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INTRODUCTION

The sound system 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 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. The instructions also contain the procedure for controlling the CD Changer (where provided) through the sound system. For the instructions for use of the CD Changer refer to the specific manual.

ADVICE

Road safety

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

Reception conditions

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

IMPORTANT When receiving traffic information, the volume 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.).

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Care and maintenance

The sound system 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. To obtain optimum playing 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.

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.

For best playing use only original CDs. Proper operation is not guaranteed when using R/RW CDs not properly mastered and/or with max. capacity exceeding 650 MB.

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 for playing 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:

IMPORTANT The CD player can read most of the compression systems currently on sale (e.g.: LAME, BLADE, XING, FRAUNHOFER) however, due to the evolution of these systems, reading of all compression formats is not guaranteed.

IMPORTANT When loading a multi-session CD, only the first session will be played.

TECHNICAL DATA

❒ Power: 4 x 36 W

Standard HI-FI system

❒ 6 speakers (2 midwoofers + 2 front tweeters, 2 rear full-range speakers)

Interscope Hi-Fi system (where provided)

❒ 8 speakers (2 midwoofers + 2 front tweeters, 2 midwoofers + 2 rear tweeters), subwoofer and multi-channel amplifier with ASP (analog equalizer)

❒ CD Changer presetting

❒ Anti-theft protection system

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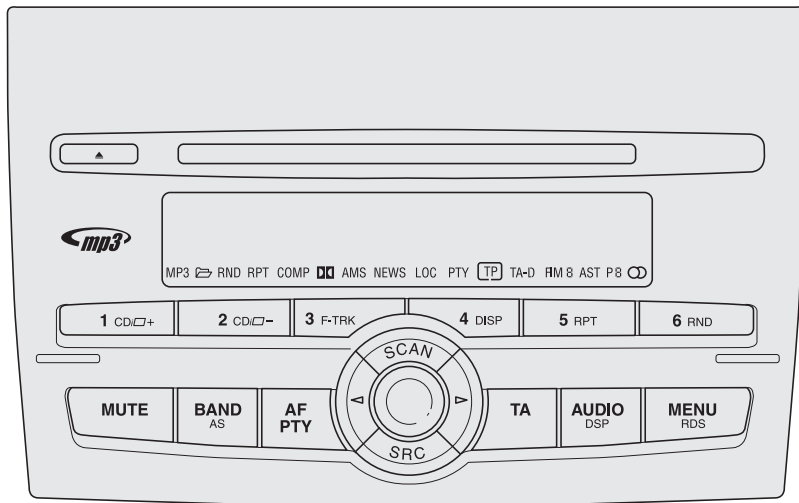
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AUDIO SECTION

❐ Mute/Pause function

❐ Loudness function

❐ Audio Clip Detect function

❐ Soft Mute function

❐ 5-band graphic equalizer

❐ Separate bass/treeble adjustment

❐ Balance (LH/RH balance) and Fader (front/rear balance)

CD / MP3 SECTION

❐ Play / Pause

❐ Select previous / next track

❐ FF / FR

❐ Select previous / next folder

RADIO SECTION

❐ Receiving traffic announcements (TA)

❐ Automatic storing of 6 stations in the FM band (AutoSTore function) and 6 stations in the AM band

Button	GENERAL FUNCTIONS		Mode
ON/OFF	On		Short push on button
	Off		Long push on button
	Volume adjustment		Knob rotation left/right
MUTE	Volume on/off (MUTE/PAUSE)		Short push on button
BAND AS	Frequency band selection (FM 1, FM 2, FM 3, FM AST, LW, MW, AMAST)		Short cyclic push on button
AF PTY	Alternative frequency		Short push on button
	Program type		Long push on button
TA	Traffic announcements		Short push on button
AUDIO DSP	Audio settings		Short push on button
	Equalizer activation		Long push on button
MENU RDS	Advanced functions setting		Manual station tuning: short push on button 1st level menu activation: short push on button 2nd level menu activation: long push on button
SRC	Audio source selection (Radio, CD, CD Changer)		Short push on button

Button	RADIO FUNCTIONS		Mode
◁ ▷	Automatic radio station tuning		Short push on button (long push for fast forward)
1 2 3 4 5 6	Storing current radio station		Long push on buttons respectively for preset/storage 1 to 6
	Recalling stored station		Short push on buttons respectively for preset/storage 1 to 6
SCAN	Automatic station scanning		Short push on button

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Tasto	CD FUNCTIONS	Mode
◁ ▷	Play previous/next track	Short push on button
	CD track fast forward/backward	Long push on button
▲	Eject CD	Short push on button
BAND AS	Select radio frequency band	Short push on button
CD+/CD–	Select next/previous CD (CD Changer mode)	Short push on button
CD/▱ + **CD/▱ –**	Select next/previous folder (MP3 mode)	Short push on button
F-TRK	Fast CD track (or folder) selection (MP3 CD mode) (function controlled by volume knob)	Short push on button
DISP	MP3 CD track info display (MP3 CD mode)	Short push on button
	MP3 CD track info display setting (MP3 CD mode)	Long push on button
RPT	CD track repeat on/off (CD mode)	Short push on button
	MP3 CD track/MP3 folder track repeat on/off/ Repeat whole MP3 CD (MP3 CD mode)	Short push on button
RND	CD track/MP3 track random playback on/off	Short push on button

STEERING WHEEL CONTROLS
(where provided)

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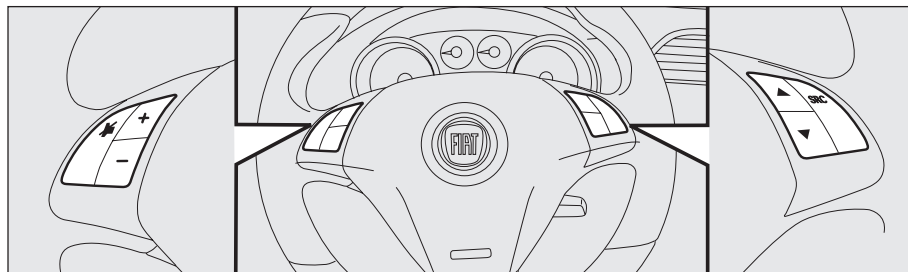
Button	FUNCTION	Mode
✖	AudioMute on/off (with sound system on)	Short push on button
+	Volume up	Press button
−	Volume down	Press button
SRC	Radio frequency (FM1, FM2, FMT, MW, LW) and audio source(Radio - CD - MP3 - CD Changer) selection button	Press button
▲	Radio: recall preset stations (1 to 6) CD player: select next track CD Changer: select next track	Press button
▼	Radio: recall preset stations (6 to 1) CD player: select previous track CD Changer: select previous track	Press button

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GENERAL INFORMATION

The sound system features the following functions:

Radio section

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

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

❒ AF: alternative frequency search selection in RDS mode

❒ Automatic/manual station tuning

❒ Manual storage of 42 stations: 24 in the FM band (6 in FM1, 6 in FM2, 6 in FMT and 6 in FMAST), 6 in the MW band, 6 in the LW band and 6 in the AM band (MW+LW) that can be stored with AutoSTore in the AMAST band

❒ Automatic storage (AutoSTore function) of 6 stations in the FM band and 6 in the AM band

❒ SENS DX/LO function (sensitivity adjusting in searching radio stations)

❒ Scan function (scanning stored stations), about 10 seconds per station

❒ Automatic Stereo/Mono switching.

Compact Disc section

❒ Disc select (disc no.)

❒ Track select (forward/backward)

❒ Fast forward/backward

❒ Track Repeat function (repetition of the last track)

❒ Track Scan function (scanning the tracks on the Compact Disc, about 10 seconds per track)

❒ RaNDom function (random track playing).

❒ TPM function (CD playing sequence storage)

❒ CD Naming function (allocating a name to a CD), for CD Changer only. Not available on sound system with MP3 CD player.

❒ CD Compression function (volume reduction according to input signal level from CD)

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.

MP3 CD section

❒ Folder selection (previous/next);

❒ Track selection (forward/backward);

❒ Fast forward/backward;

❒ Disp function: MP3 CD data display: folder name, ID3-TAG info, time elapsed from start of track, file name);

❒ Folder Repeat function: track repetition selection;

❒ RaNDom function: random folder tracks playing;

❒ Name Scroll function: tracks/folders names scrolling.

❒ Playing audio CDs and R/RW CDs.

Audio section

❒ Mute/Pause function;

❒ Soft Mute function;

❒ Loudness function;

❒ Audio Clip Detect function;

❒ 5-band graphic equalizer;

❒ Separate bass/treble adjustment;

❒ Right/left channel balancing.

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TURNING THE SOUND SYSTEM ON

The sound system is switched on pressing the button/knob ON/OFF. The turning on of the sound system radio can be connected to the car ignition: turning the ignition key to MAR, the radio turns on; turning the key to STOP the radio turns off (see paragraph "Setting the AUTO function" is section "Radio").

If the sound system is turned on with the ignition key at STOP, it will turn off automatically after about 20 minutes.

TURNING THE SOUND SYSTEM OFF

To turn the sound system off keep button/knob ON/OFF pressed.

SELECTING RADIO/CD/ CD CHANGER

Pressing briefly and repeatedly button SRC it is possible to select the following functions in sequence:

– TUNER (Radio)

– CD (Compact Disc)

– CDC (CD Changer) (only if the CD Changer is connected).

After changing sound source, the display will show the current function selected: TUNER (Radio), CD (Compact Disc), CDC (CD Changer).

Functions not available (e.g. "CD" if a Compact Disc is not inserted) are disabled automatically.

SOUND SOURCE MEMORY FUNCTION

If while listening to a CD another function is selected (e.g.: the radio), playing is stopped and when the CD 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

Adjust volume through button/knob ON/OFF.

Turn the knob clockwise to increase volume, turn the knob counter-clockwise to lower the volume.

The display will show: "VOLUME 00" … "VOLUME 12"

MUTE FUNCTION
(turning off the volume completely)

To switch the Mute function on, press briefly the button MUTE. Volume will gradually lower (Soft Mute function) and the display will show the current sound source selected followed by the Mute (e.g. "TUNER MUTE" when the Radio is selected).

To switch the Mute function off, press briefly the button MUTE again. Volume will gradually become louder (Soft Mute function) returning to the value set before switching on the Mute function.

Turning the button/knob ON/OFF the sound level changes; the Mute function will however stay on. Press the button MUTE again to turn it off.

When the Mute function is on, all the other functions can be used. If a traffic announcement arrives with the TA function on, the traffic message will ignore the Mute function.

SOFT MUTE FUNCTION

When the Mute function is turned on/off the volume will gradually increase or decrease (Soft Mute function).

TONE ADJUSTMENT
(bass/treble)

Proceed as follows:

– briefly and repeatedly press button AUDIO DSP until the display shows "BASS" or "TREBLE".

– turn the knob ON/OFF clockwise to increase bass or treble tones or turn it counter-clockwise to decrease.

The display will show for a few seconds the bass/treble levels (−10 to +10).

A few seconds after the last setting the display will resume the radio main screen.

BALANCE ADJUSTMENT

Proceed as follows:

– briefly and repeatedly press button AUDIO DSP until the display shows "BALANCE"

– turn the button/knob ON/OFF clockwise to increase the sound from the right speakers or turn it counter-clockwise to increase the sound from the left speakers.

The display will show for a few seconds the balance levels, from ▷ +10 to ◁ +10 (◁ = right, ▷ = left). A few seconds after the last setting the display will resume the radio main screen.

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PRESET/XX EQ SET*/ CLASSIC/ ROCK/JAZZ FUNCTION (equalizer on/off)

To turn the equalizer on press for long button AUDIO DSP and turn the button/knob ON/OFF to select one of the following settings:

– "PRESET" (predefined equalizer setting);

– "CLASSIC" (predefined equalizer setting for best playing of classic music);

– "ROCK" (predefined equalizer setting for best playing of rock music);

– "JAZZ" (predefined equalizer setting for best playing of jazz music);

– "CUSTOMER" (setting of the 5 equalizer bands that can be changed by the user)

Press repeatedly button ◁ or ▷ to select the required band and then use the button/knob ON/OFF to increase/decrease the level in the selected frequency band.

FADER ADJUSTMENT

Proceed as follows:

– briefly and repeatedly press button AUDIO DSP until the display shows "FADE"

– turn the button/knob ON/OFF clockwise to increase the sound from the front speakers or counter-clockwise to increase the sound from the rear speakers.

A few seconds after the last setting the display will resume the radio main screen.

LOUDNESS FUNCTION

The Loudness function improves the sound volume when listening at low level, increasing the basses and trebles. When volume is at max. the Loundness function is excluded.

To switch the function on/off, open the MENU by pressing briefly button MENU RDS and scroll it. Function condition (on or off) is shown on the display by message "LOUDNESS: ON" or "LOUDNESS: OFF", that can be selected by means of buttons ◁ or ▷.

TELEPHONE PROVISION

If the hands-free kit is installed on the car, when a phone call is received the volume set will be the one selected for the PHONE function in the menu, if required it can be muted OFF.

RADIO

When the sound system is turned on, the last function selected before turning off is played (Radio, Compact Disc or CD Changer).

To select the Radio source while listening to another audio source, press briefly and repeatedly button SRC.

When the Radio source is selected, press briefly and repeatedly button BAND AS to select the required reception band.

Each time the BAND AS button is pressed the bands: "FM1", FM2", "FM3", "FMAST", "LW", "MW" and "AMAST" are selected in sequence

The FM band is divided into sections: FM1, FM2, FM3 and FMAST. The FMAST band is reserved to the stations stored automatically with the AutoSTore function.

The "FMAST" reception band is reserved to the stations stored automatically with the AutoSTore function.

The AM band is divided into sections: MW, LW and AMAST. The AMAST band is reserved to the stations stored automatically with the AutoSTore function.

The radio is always preset for receiving stations broadcasting with RDS (Radio Data System).

PRESETTING BUTTONS

The buttons with symbols from 1 to 6 make it possible to set the following pre-settings:

– 24 in the FM band (6 in FM 1, 6 in FM 2, 6 in FM 3, 6 in FMAST)

– 6 in the LW band

– 6 in the MW band

– 6 in the AMAST band

To call a preset station, choose the required frequency band and then press briefly the corresponding preset button (from 1 to 6). The display will show the station name and frequency and also the presetting number.

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 ◁ or ▷ to start automatically searching the tuning for the next station that it is possible to receive in the direction chosen.

If the station on which the tuner stops is one of the stations stored with the presetting buttons (from 1 to 6), the display will show the presetting number.

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MANUAL TUNING

This allows manual station searching in the chosen band. To turn this function on use the MENU (see paragraph "Manual station tuning on/off (TUNING SEEK) in section "Radio").

For manual tuning proceed as follows:

– Select the band using the button BAND AS: FM1, FM2, FM3, MW or LW.

– Press briefly and repeatedly button ◁ or ▷.

Keeping one of the buttons ◁ or ▷ pressed obtains fast forward seeking, which is stopped when the button is released.

SCAN FUNCTION
(station scanning)

Press button SCAN to start scanning the stations in the frequency band selected (FM, AM, MW, LW). Each station found will be heard for a few seconds and the relevant frequency is shown on the display.

During scanning, the display will show the message "TUNER SCAN", with the word "SCAN" flashing.

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

The SCAN function is interrupted in the following cases:

– pressing again button SCAN

– turning the sound system off

– changing the sound source (Radio, CD Changer)

– changing the selected frequency band (or the storage block)

– pressing one presetting button

– turning the AutoSTore function on (automatic storage)

SCANNING PRESET STATIONS

Keep button SCAN pressed for at least 2 seconds to start scanning the preset stations in the current frequency band;

– FM: FM 1, FM 2, …., FM II 1, FM II 2,… FM III 1, FM III 2,… FMAST 1, FMAST 2,….

– AM: MW 1, MW 2, …. MW 6, LW 1, LW 2, …. LW 6, AMAST 1, AMAST 2,…

Each preset station will be heard for a few seconds and its frequency shown on the display.

The Scan function is interrupted in the following cases:

– pressing again button SCAN

– turning the sound system off

– pressing one presetting button

– turning the AutoSTore function on (automatic storage)

– changing the sound source (Radio, CD Changer)

– changing the selected frequency band or the FM level

MANUAL STATION STORAGE

Use buttons from 1 to 6 to store the station being heard in the selected band.

Keep pressed one of these buttons (1 to 6), when station storing is completed the display will show the corresponding button number and a confirmation beep will be given.

AUTOSTORE FUNCTION (automatic station storage)

To switch on the AutoSTore function (automatic station storage), keep button BAND AS. With this function the radio automatically stores the stations with the strongest signal in decreasing order of intensity in the FMAST frequency band (if tuned on FM band) or AMAST (if tuned on AM band).

IMPORTANT Activating the AutoSTore function cancels the stations stored previously in the FMAST or AMAST band.

During automatic storage the display shows "TUNER FMAST" or "TUNER AMAST" if TUNER mode (Radio) with FM or AM frequency band is selected. To interrupt the automatic station storage, press button BAND AS again: the radio will automatically tune to the station heard before activation of the AutoSTore function.

LISTENING TO STORED STATIONS

Proceed as follows:

– select the required frequency band and the storage block (FM1, FM2, FM3, FMAST, MW, LW, AMAST);

– briefly press one of the six station storage buttons.

The display will show the station name (if present) and frequency, whereas at the bottom of the display is shown "Pn" where n is the number corresponding to the current station.

In bands FM1, FM2 and FM3, if reception is poor or weak 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.

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AF FUNCTION
(alternative frequency search)

To turn the AF function on/off, press briefly button AF PTY. RDS name (if available) will stay on the display and if the function is on the wording is shown.

– "AF SWITCHING: ON" = alternative frequency search on

– "AF SWITCHING: OFF" = alternative frequency search off.

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

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

TA FUNCTION
(traffic information)

Certain stations in the FM band (in storage blocks FM1, FM2, FM3 and FMAST) are enabled to also broadcast information about traffic conditions. During a traffic bulletin, the message "TRAFFIC INFO" will be displayed alternate with the current one (e.g.: station name).

To turn the TA function on/off, press briefly button TA. When the TA function is on the display will show the message "TA-ON".

When the TA function is on, an incoming traffic bulletin will stop temporarily the current broadcasted programme or the CD being played. Switching from the selected station to the station broadcasting traffic announcements is only possible if connection for EON function is enabled.

PTY FUNCTION
(selecting a type of programme)

Several radio station offer the programme type service (PTY) within the FM band (FM1, FM2, FM3). For example, stations broadcasting info/news will display as PTY code the message "NEWS".

The PTY function activates a seek filter that tunes only stations broadcasting programmes with the preselected PTY code (e.g.: "POP").

To turn on the PTY function, keep button AF PTY pressed.

The programme types offered by a radio station may vary according to the programme:

NEWS	News and magazine
AFFAIRS	Politics and news
INFO	Special information programmes
SPORT	Sport programmes
EDUCATE	Educational programmes
DRAMA	Radio dramas and literature
CULTURE	Culture, church and religion
SCIENCE	Science

VARIED	Variety
POP M	Pop music (hits)
ROCK M	Rock music
EASY M	Easy music
LIGHT M	Light classic music
CLASSICS	Classic music
OTHER M	Other types of music (e.g. folklore)
WEATHER	Weather report
FINANCE	Finance news
CHILDREN	Child's programmes
SOCIAL	Social information
RELIGION	Religion and philosophy
PHONE IN	Listener's calls (other than "PHONE IN" function active only with hands-free kit connection for mobile phone)
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

PTY automatic seek

To select a PTY through automatic seek, select the required type of programme from the list stored and then start automatic seek. Procedure is described in next paragraphs.

PTY function reactivation

Press button AF PTY for over 2 seconds. The last programme type selected (e.g. "POP") will then be displayed.

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PTY setting

Press button AF PTY for over 2 seconds to display the PTY code of the current station. Select the required code by turning the button/knob ON/OFF and then press button ◁ or ▷ to start automatic seeking of stations with the PTY code selected. Automatic seek will stop automatically to the next station broadcasting the PTY programme selected. The type of programme will be displayed (e.g. "POP") with the word "PTY" flashing.

IMPORTANT If no station is broadcasting the selected PTY, the last station will be tuned and the PTY function is aborted.

PTY function deactivation

After entering the PTY mode, if no operation is performed within 10 seconds, the radio returns to the mode active before pressing the AF PTY button and it will store the last PTY code selected.

MENU

MENU RDS button options

To activate the Menu, press briefly the button MENU RDS.

In this way you open the first level Menu. To open the second level menu keep the MENU RDS button pressed for over 2 seconds.

To scroll the Menu options press repeatedly the MENU RDS button.

First level Menu options are the following:

1 MANUAL TUNING SEEK on/off

2 CD Compression

3 Confirmation beep (BEEP)

4 Tuning sensitivity adjustment (SENS DX/LO)

5 News programmes on/off (NEWS)

6 Automatic volume adjustment with car speed (SVC)

7 Traffic announcements tuning (EON TA)

8 Loudness on/off (LOUD- NESS)

9 CD naming (CD NAMING) (only in CD Changer mode);

10 CD naming/track selection (TPM = Track Program Memory)

Press buttons ◁ or ▷ to activate/deactivate the function selected.

Second level Menu options are the following:

1 Time display of the current RDS station (if available)

2 "Audio distortion clipper" on/off (AUDIO CLIP DETECT)

3 Max volume setting at switching on (MAX VOLUME)

4 Telephone volume adjustment (PHONE)

5 AUTO setting selection which enables to set radio turning on/off depending on car ignition/switching off.

Use the button/knob ON/OFF to turn on/off the function selected.

NOTE Each time you pass to next setting, the previous one will be stored.

AVAILABLE SETTINGS

First level Menu options

1 - TUNING SEEK
(manual tuning on/off)

This option enables to seek manually (MANUAL) or automatically (AUTO) the stations stored.

To switch between manual and automatic seek use buttons ◁ or ▷.

The display will show the current tuning seek mode:

– "TUNING SEEK: AUTO": automatic seek on

– "TUNING SEEK: MANUAL": manual seek on.

2 - CD Compression

This option enables to optimize the sound level according to the music being played by the CD.

Use buttons ◁ or ▷ to turn this function on/off.

The display will show the current function condition:

– "COMPRESSION: ON" = function on

– "COMPRESSION: OFF" = function off

3 - BEEP (confirmation beep)

The system provides the BEEP function active (message "ROGER BEEP-ON" on the display).

This function gives sound confirmation (BEEP) when pressing buttons.

Use buttons ◁ or ▷ to turn this function on/off.

The display will show the current function condition:

– "ROGER BEEP: ON" = function on

– "ROGER BEEP: OFF" = function off.

4 - SENS DX/LO
(tuning sensitivity adjustment)

With this function it is possible to change the sensitivity of automatic station tuning. When low sensitivity is set "SENSITIVITY: LOCAL" only stations with excellent reception are sought; when high sensitivity is set "SENSITIVITY: DISTANT" 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 "SENSITIVITY: LOCAL".

Use buttons ◁ or ▷ to turn this function on/off.

The display will show the current function condition:

– "SENSITIVITY: LOCAL" = low sensitivity

– "SENSITIVITY: DISTANT" = high sensitivity.

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5 - NEWS (new programmes on/off)

This function is similar to the TA function: with FM station tuned and NEWS function active if a news bulletin is broadcast, the sound system will:

– set the same volume as for TA function, if TUNER (Radio) is on;

– switch the current audio source (CD or CD Changer) to TUNER (Radio) and set the same volume as for TA function.

It is necessary that in TUNER mode (Radio), the radio is tuned to a FM station broadcasting the NEWS code.

Use buttons ◀ or ▶ to turn this function on/off.

The display will show the current function condition:

– "NEWS: ON" = function on

– "NEWS: OFF" = function off

6 - SVC (automatic volume adjustment with car 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.

Press ◀ or ▶ to change the SVC setting, from OFF to the gain level (1 to 7) selected. High gain level values correspond to high volume levels when the car speed increases.

The display will show the current function condition:

– "SPEED VOLUME OFF" = function off

– "SPEED VOLUME: +3" = function on and gain level set.

7 - EON TA DX/LO (traffic announcements tuning sensitivity)

This function enables to change the reception sensitivity of radio stations broadcasting traffic announcements.

Use buttons ◀ or ▶ to turn this function on/off.

The display will show the current function condition:

– "TRAFFIC: LOCAL" = low sensitivity

– "TRAFFIC: DISTANT" = high sensitivity

8 - LOUDNESS (loudness on/off)

The Loudness function improves the sound volume when listening at low level, increasing the basses and trebles.

Use buttons ◀ or ▶ to turn this function on/off.

The display will show the current function condition:

– "LOUDNESS: ON" = loudness on

– "LOUDNESS: OFF" = loudness off

9 - CD NAMING
(allocating a name to the CD)
(only in CD Changer mode)

This function shall be used to give a name (max. name length is 8 characters) to the CDs contained in the CD Changer.

This function can be selected only if in CD Changer mode.

To name a CD (CD Naming) proceed as follows:

– the display shows "Name 1:"

– use the button/knob ON/OFF to select the CD (1 to 10) to name (only active if all the 10 memories for CD names are used);

– use button ▷ to confirm the CD to rename

– the first character of the CD name will flash to show the cursor position

– use the button/knob ON/OFF to select the letters ("A" to "Z") for composing the CD name

– use button ▷ or ◁ to move the cursor through the characters

– press the MENU RDS button to confirm the CD name and to go to the TPM (Track Program Memory) function

– the display will show as standard the message "PLAY TRACK: ALL"; selecting the TPM option "ALL", the display will show the message "PLAY TRACK: ALL"; otherwise the message "PLAY TRACK: 10 – Y or N" (YES or NO) will be displayed

– use the button/knob ON/OFF to select between ALL, 1, 2, 3 … max track no.

– use button ▷ or ◁ to enter or to exclude the number of the current track from the TPM list

– press the RDS MENU button to confirm the CD playlist thereby moving to the next menu function

10 - TPM
(CD naming/track selection)

This function can be selected only if a Compact Disc is loaded.

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

The TPM option enables the following:

– give a name to 10 CDs with max. 12 characters

– to select played tracks (in the original sequence and up to 99 max.)

Every CD is identified by the total playback time and by the total number of tracks.

IMPORTANT When entering name or TPM, the radio will return to the current source without storing modifications if no button is pressed for at least 20 seconds.

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Second level menu options

1 - RDS (station time display)

This option makes it possible to display the time of the current RDS station (if this information is available).

2 - AUDIO CLIP DETECT ("audio distortion clipper" on/off)

This function reduces automatically the radio output level when excessive distortion is detected that could damage the speakers.

Use buttons ◁ or ▷ to turn this function on/off.

The display will show the current function condition:

– "CLIP DETECT: ON" = function on

– "CLIP DETECT: OFF" = function off

3 - MAX VOLUME (max. volume setting at switching on)

This function makes it possible to set the radio volume (from 10 to 33) at sound system switching on.

Use the button/knob ON/OFF to adjust the volume.

The display will show the set volume (e.g.: "MAX VOLUME: 25")

4 - PHONE (phone volume adjustment)

This function makes it possible to set the phone volume (from 1 to 3).

The display will show, as standard, the message "PHONE LEVEL: OFF" (volume set by the Manufacturer, corresponding to max. level).

Use the button/knob ON/OFF to adjust the volume to 3 different levels (PHONE LEVEL 1 , PHONE LEVEL 2 and PHONE LEVEL 3): the higher the number is, the lower will be the phone volume.

5 - AUTO (function setting)

With this function it is possible to set radio turning on/off depending on car ignition/switching off or independent.

With this function on (radio is set to switch off when the car is switched off), it is however possible to switch on the radio.

With this function off, when switching off the car the radio stays on.

Use buttons ◁ or ▷ to turn this function on/off.

The display will show the current function condition:

– "AUTO: ON" = function on

– "AUTO: OFF" = function off

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This section only describes CD player operation variants: as concerns sound system operation, refer to section "FUNCTIONS AND ADJUSTMENTS".

SELECTING THE CD PLAYER

To turn on the Compact Disc player integral with the sound system, when a CD is already inserted, turn on the sound system by pressing the button/knob ON/OFF then press briefly and repeatedly button SRC to select the "CD" mode.

Inserting a CD, also when the sound system is off, will turn the CD player on automatically.

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

LOADING/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 ▲ with the sound system on, to operate the powered CD eject system.

DISPLAY INFORMATION

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

– "CD": indicates the CD mode

– "TRACK 12": shows the number of the track on the CD

– "11.04": shows the time elapsed since the start of the track

TRACK SELECTION (forward/backward)

Press briefly button ▷ to play the next track on the CD and button ◁ to play the previous one.

To select tracks continuously, keep the button pressed.

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

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FAST FORWARD/BACKWARD

Keep button ▷ pressed to move the track selected forward at high speed and keep button ◁ pressed to move it quickly backward. Fast forward/backward is stopped once the button is released.

FAST TRACK SELECTION (forward/backward)

Press briefly the button/knob 3 F-TRK to enter the fast track selection mode. The sound system display will show the wording "TRx FAST-TRACK" (x indicates the track number).

Turn the button/knob ON/OFF to select the required track, and press it briefly to confirm: track playback will start.

PAUSE FUNCTION

To pause the CD player, press briefly the MUTE button. The display will show the message "CD PAUSE".

To resume playing the track, press button MUTE again.

TRACK SCAN FUNCTION (scanning CD tracks)

With this function it is possible to play the beginning of all the tracks contained in the CD.

Keep button SCAN pressed to play the first 10 seconds of every track on the CD.

The scanning sequence is the following:

– from the track played up to the last one on the CD

– from the first track up to the one played until the start of scanning.

The Scan function is interrupted in the following cases:

– turning the sound system off

– pressing again button SCAN

– changing the sound source

TRACK REPEAT FUNCTION
(track repeat)

Press briefly button 5 RPT: the display will show the message "CD REPEAT TRACK".

Press button 5 RPT again to turn off the repeat function: the display will show the message "CD REPEAT OFF".

Changing the sound source, the function is turned off.

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

RANDOM FUNCTION
(random track playing)

To start the random playing of tracks on the Compact Disc, press briefly button 6 RND. A new track will be played and the display will show the message "CD RANDOM TRACK".

Press button 6 RND again to turn off the random function: the display will show the message "CD RANDOM OFF".

When the random function is on, all the tracks on the CD are played in random sequence.

Changing the sound source, the function is turned off.

NOTE If during RANDOM playback, you select the fast next/previous track forward/backward function the current RANDOM list will be aborted and a new one will be created. In this event one or several tracks could be played consecutively.

TPM FUNCTION
(track program memory)

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 store CD track playing sequence, refer to paragraph "CD NAMING/TRACK SELECTION (TPM)" in section "RADIO".

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This section only describes MP3 CD player operation variants : as concerns sound system operation, refer to section "FUNCTIONS AND ADJUSTMENTS".

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

MP3 MODE

In addition to standard audio CDs, the sound system can also play audio files in MP3 format. Sound system will operate as described for the sound system with compact disc player when inserting a conventional audio CD, excluding functions CD NAMING/TRACK SELECTION (TPM) and CD NAMING that are disabled.

READING MP3 CD

Inserting a CD-ROM into the proper slot will start two stages:

– Scanning all CD tracks to find audio files. Audio files take priority over the other files and their identification enables the sound system to play just these files. The display will show the name and the word "SCAN" flashing (e.g. "MIDNIGHT MOTION SCAN").

– Reading all MP3 files to determine the structure of folders and tracks. During this stage the display will show the message "READING DISC". To read a complex MP3 file structure (made up of different sessions with several folders and files), approximately 2 minutes can be required.

For optimal playing use only top quality CDs mastered at as low as possible speed.

CD-ROM reading will be interrupted in the following cases:

– correct CD-ROM reading with MP3 files identification. In this event the display will show the "MP3" icon and track playback will start from the first file and first folder (see next paragraph "TRACK PLAYING MODE");

– if after 2 minutes the CD-ROM reading is not ended. The display will show, for about 5 seconds, the message "CHECK DISC". In this event the sound system will change the sound source and return to the Tuner (Radio) mode.

– if no MP3 file is found. In this event the display will show, for about 5 seconds, the message "NO MP3 FILES". In this event the sound system will change the sound source and return to the Tuner (Radio) mode.

TRACK PLAYING MODE

When playing a CD-ROM with MP3 files, the sound system will display the track name and play time (e.g. "MIDNIGHT MOTION 4:37").

During playback the following operations can be performed:

– continuous or single scroll on track name

– scrolling tracks up or down according to single, multiple or continuous mode

– scrolling folders up or down (see next paragraph "FOLDER STRUCTURE").

DISP FUNCTION

This function enables to change display settings for the different CD info (e.g. files, folder, singer's name, album name, etc.). To turn this function on keep button 4 DISP pressed for over 2 seconds and then use the button/knob ON/OFF to select the info to display.

In MP3 mode, the sound system will:

– play MP3 files only

– play the tracks in alphabetic-numeric order for each folder (also ordered with the same criteria) (it is recommended to put a number before the file name, e.g. "01", "02" or "001", "002")

– return to the start of the last file each time the sound system is turned on.

During track selection (see paragraph track selection (forward/backward), the display will show the folder number and the track number and name (e.g. "3/13 MIDNIGHT MOTION").

To facilitate track selection, the sound system stores the number of pushes on preset buttons (1 to 6) and then will skip once like for a single request.

IMPORTANT MP3 files recorded with the variable bit-rate method could produce discrepancies when displaying the track play time.

IMPORTANT The CD player can read most of the compression systems currently on sale (e.g.: LAME, BLADE, XING, FRAUNHOFER) however, due to the evolution of these systems, reading of all compression formats is not guaranteed.

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FOLDER STRUCTURE

The sound system with MP3 player:

– only recognizes folders that actually contain MP3 files

– if MP3 files contained in a CD-ROM are structured in several "sub-folders", it will level the structure of sub-folders in order to obtain a single-level structure, i.e.: it brings back "sub-folders" to main folder level (see the example below).

Example: With a CD structured as follows:

⊙ - MP3 collection - Volume 1

🗀 - Celine Dion

    🗀 - Falling into you

        ♪ - It's all coming back to me now.mp3

        ♪ - Because you loved me.mp3

🗀 - Incognito

        ♪ - Incognito.mp3

        ♪ - Lolita.mp3

        ♪ - Delivre-Moi.mp3

🗀 - Prodigy

    🗀 - Experience

        ♪ - Jericho.mp3

        ♪ - Wind it up.mp3

        ♪ - Out of space.mp3

🗀 - The fat of the land

    🗀 - Favourite songs

        ♪ - Breathe.mp3

        ♪ - Firestarter.mp3

The sound system will recognize and will pass progressively from one folder to the other as follows:

🗀 - Falling into you

🗀 - Incognito

🗀 - Experience

🗀 - Favourite songs

Icon 🗀 indicates that the sound system is displaying the folder name. Each time you scroll folders up or down, the folder name and number will be displayed (with max. length of 15-18 characters, according to the folder number).

Selecting by the RDS MENU button the option "ON" or "ONCE" of the name scroll function (see paragraph "NAME SCROLL FUNCTION"), will obtain single scroll of the full folder name in folder display mode, before returning to shortened displaying.

SELECT NEXT/PREVIOUS FOLDER

Press briefly button 1 CD /🗀 + to select tracks contained in the next folder.

Press briefly button 2 CD /🗀 – to select tracks contained in the previous folder.

The display will show the number and the name of the next/previous folder (e.g.: "9 MISC COLLECTION").

REPEAT FOLDER FUNCTION (repeat tracks)

Press briefly button 5 RPT to change the track repeat mode: press the button further and the display will show in sequence the following wordings: "CD REPEAT TRACK" -> "CD REPEAT FOLDER" -> "CD REPEAT DISC" -> "CD REPEAT OFF".

These wordings are associated with the following functions:

– "CD REPEAT TRACK": to repeat the current track.

– "CD REPEAT FOLDER": to repeat the tracks contained in the folder selected.

– "CD REPEAT DISC": to repeat the whole MP3 CD.

– "CD REPEAT OFF": to turn off the track repeat function.

Changing the sound source, the function is turned off.

RANDOM FUNCTION (random playing of a folder tracks)

To start random playing of the Compact Disc tracks, press briefly button 6 RND: press the button further and the display will show in sequence the following wordings: "CD RANDOM FOLDER"-> "CD RANDOM DISC"-> "CD RANDOM OFF".

These wordings are associated with the following functions:

– "CD RANDOM FOLDER": random playing of the tracks contained in the folder selected.

– "CD RANDOM DISC": random playing of the tracks contained in the MP3 CD.

– "CD RANDOM OFF": turning off of the random playing function.

Changing the sound source, the function is turned off.

NOTE If during RANDOM playback, you select the fast next/previous track forward/backward function the current RANDOM list will be aborted and a new one will be created. In this event one or several tracks could be played consecutively.

FOLDER NUMBER AND NAME DISPLAYING

Press briefly button 4 DISP to display the folder number and name.

Press button 4 DISP again (or after about 5 seconds) to go back to previous displaying.

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TRACK SELECTION
(forward/backward)

Press briefly button ▷ to play the next track contained in the CD-ROM and button ◁ to play the previous one.

Press button ▷ again to seek manually the next track required. The display will show the folder number, the track number and name followed by wording "TK SEEK" (track seek) (e.g.: "3/13 TK SEEK +6").

Similarly, press button ◁ again to seek manually the previous track required. Also in this case the display will show the folder number, the track number and name followed by wording "TK SEEK" (track seek) (e.g.: "3/13 TK SEEK –4").

Keep the button pressed to select track continuously. The display will show the folder number, the track number and name (e.g.: "3/13 MIDNIGHT MOTION").

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

FAST TRACK SELECTION
(forward/backward)

Press briefly the button/knob 3 F-TRK to enter the fast selection mode. The sound system display will show the wording "Fy TRx FASTTRACK" (y indicates the folder number, x indicates the track number).

Turn the button/knob ON/OFF to select the required track, and press it briefly to confirm: track playback will start.

NAME SCROLL FUNCTION
(track/folder name scroll)

Pressing briefly the RDS MENU button it is possible, scrolling the menu, to activate/activate once/deactivate, full scrolling of folder names.

The display will show, according to cases:

– "NAME SCROLL: ON" = continuous scroll of complete names of tracks/folders

– "NAME SCROLL: ONCE" = scroll once the complete name of the folder and then display 15/16 characters

– "NAME SCROLL: OFF" = fix display of the first 15/16 characters of the track/folder name

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CD CHANGER

INTRODUCTION

This section only describes CD Changer (where provided) operation variants: as concerns sound system operation, refer to section "FUNCTIONS AND ADJUST-MENTS".

Should the CD Changer pre-arrangement be requested it will be provided with the necessary wiring for correct CD Changer Blaupunkt function.
Cable end will be easy to identify by lifting the covering carpet in the boot near the right wheel housing.

IMPORTANT If the **Blue&Me™** or the **Blue&Me™ Nav** are present in the car, no type of CD Changer can be installed.

SELECTING THE CD CHANGER

To turn on the CD Changer, turn the sound system on and then press briefly and repeatedly the SRC button to select the "CDC" source (CD Changer).

POSSIBLE ERROR MESSAGES

If the loader does not contain Compact Discs, the display will show "NO CD". If at least one CD is found, it will be played.

If the CD played is illegible, the next CD will be selected; if there are no other CDs or if they are also illegible, the display will show "NO CD" until the sound source is changed.

OPERATION

To play the Compact Discs in the CD Changer, select "CDC" pressing briefly and repeatedly the SRC button.

When listening to a Compact Disc for the first time after inserting the CD loader, playing starts from the first track on the first disc available in the loader.

While playing the display shows the number of the track being played (e.g. "TRACK 12" = twelfth track), the playing time elapsed from the start of the track (e.g. "11:10" = 11 minutes and 10 seconds) and the number of the Compact Disc selected (e.g. "CDC3" = third CD) depending on the function selected in the menu.

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SELECTING A CD

Press button 1 CD + to select the next CD and button 2 CD – to select the previous CD.

If the loader does not contain a disc in the position selected, the display shows "NO CD", and the next CD will be played automatically.

TRACK SELECTION
(forward/backward)

Press briefly button ▷ to play the next track contained in the Compact Disc being played.

Press briefly button ◁ to play the previous track contained in the Compact Disc being played.

FAST FORWARD/BACKWARD

Keep button ▷ pressed to move the track selected fast forward and keep button ◁ pressed to move it fast backward. Fast forward/backward is stopped when the button is released.

SCAN FUNCTION
(scanning CD tracks)

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

Keep button SCAN pressed to play the first 10 seconds of each track contained in the CD. While playing the track, the display will alternately show the CD Changer function selected (CD Changer name, track playing time and number of the track being played) and the word "SCAN" (e.g.: "CDC3 SCAN TK12 0.04")

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

The scanning sequence is the following:

– from the track being played up to the last one on the CD

– from the first track up to the one being played when the scan function was started.

The Scan function is interrupted in the following cases:

– turning the sound system off

– pressing the SCAN button again to continue listening to the track being played

– pressing ▷ or ◁ thereby moving to the next or previous track

– pressing a preset button

– changing the sound source

– pressing the RDS MENU button.

If the Scan function is not interrupted, at the end it will continue playing the track played before scanning was started.

PAUSE FUNCTION

To pause the CD player, press briefly the button MUTE. The display will show "CDC MUTE".

To resume track playing, press button MUTE again.

The pause function is automatically cancelled when changing the sound source.

TRACK REPEAT FUNCTION
(track repeat)

Press briefly the preset button 5 RPT to listen repeatedly to the last track played: the display will show "CDC REPEAT TRACK".

Press the preset button 5 RPT again to turn off the repeat function: the display will show "CD REPEAT OFF".

Changing the sound source, the function is turned off.

IMPORTANT When the repeat function is on, the SCAN and MIX functions are turned off.

RANDOM FUNCTION
(random track playing)

To start random playing of tracks on the Compact Disc selected, press the preset button 6 RND.

A new track will be played and the display will show "CDC RANDOM DISK". To start random playing of all the CDs contained in the CD Changer, press again button 6 RND; the display will show "CDC RANDOM PACK".

Press the preset button 6 RND a third time to turn the function off: the display will show "CDC RANDOM OFF".

STOPPING CD PLAYING

Press button ▲ or button SRC to return to the tuner mode.

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SECRET CODING

ENTERING THE SECRET CODE OF THE RADIO

Entry of the secret code is required to allow the sound system to work after the first connection to the car electric system different from the original one.

Connecting the radio to the car power supply, the display shows "RADIO M - CODE ----".

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

To enter the first digit of the code, press the corresponding button of the preset stations (from 1 to 4). Press repeatedly the preset buttons 1-4 to enter the secret code digits (from 0 to 9).

To confirm the required digit press 5 RPT.

WAITING TIMES

In order to make code deactivation and operation impossible, if a wrong code is entered the next attempts to enter the code are spaced by preset waiting times. During these intervals the sound system can be connected or disconnected but not switched on.

During the waiting time the sound system shall not be connected.

It shall however be connected with +12V permanent voltage. The waiting time is over when the display shows the figure and the dashes of the next attempt (e.g. 2 - - -).

The following table shows the times between one attempt and the other.

Waiting time passes keeping the radio on. When turning the radio on/off, counting restarts from the start of the current attempt.

The waiting time is over when the display shows the figure and the dashes of the next attempt (e.g. 2 - - -).

Vain attempts (on the display)	Waiting time (about)
1	1 minute
2	2 minutes
3	4 minutes
4	8 minutes
5	16 minutes
6	30 minutes
7	1 hour
8	2 hours
9	4 hours
10	8 hours
11	16 hours
12	24 hours

ENTERING THE SECRET CODE OF THE CD CHANGER

Should the control code between the sound system and the CD Changer be not recognised, to restore CD Changer regular operation the four-digit secret code must be entered manually.

When entering the secret code, the display shows: "CDC M --CODE ----".

The secret code comprises four figures, each corresponding to one of the dashes and it is different for each CD Changer.

To enter the first digit of the code, press the corresponding button of the preset stations (from 1 to 4). Press repeatedly the preset buttons 1-4 to enter the secret code digits (from 0 to 9).

To confirm the required digit press 5 RPT.

If the code has been entered properly, the radio and the CD Changer start to work regularly.

Otherwise try to enter the secret code a second and even a third time if required. After the third negative attempt, the radio sets in "stand-by" for about 1 hour before enabling other three attempts.

NOTES

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