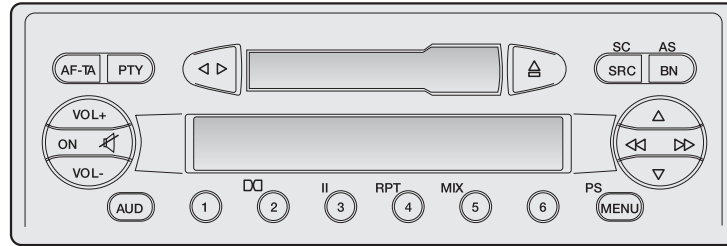


F I A T P A N D A

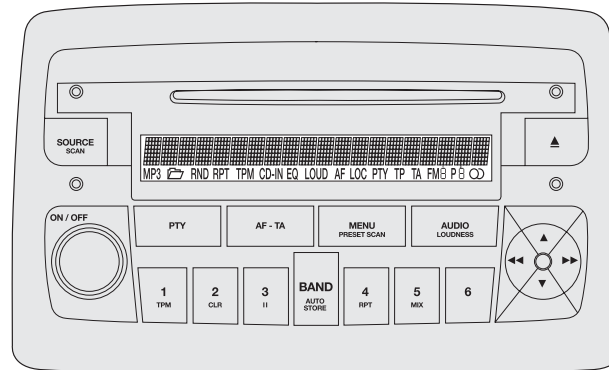


S O U N D S Y S T E M

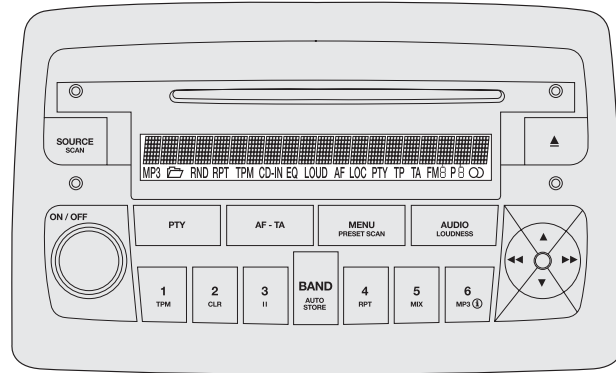
RADIO WITH TAPES PLAYER



RADIO WITH COMPACT DISC PLAYER



RADIO WITH COMPACT DISC AND MP3 CD PLAYER



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RADIO WITH COMPACT DISC AND MP3 CD PLAYER

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INTRODUCTION

Fiat Panda sound system, fitted with tape player (radio with tapes player), or CD player (radio with Compact Disc player) or MP3 CD player (radio with MP3 CD player) has been designed in accordance with the special features of the passenger compartment, with a personalised design that blends with the style of the dashboard. The sound system cannot be adapted to other vehicles and for this reason it cannot be removed.

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

The CD Changer for 5 discs (if provided), is housed in the glove compartment.

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 (if provided) through the radio. 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 radio functions (e.g.: storing stations) before starting to drive.

Reception conditions

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

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



WARNING

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

Care and maintenance

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

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

Tapes

To obtain optimum playing conditions we give the following advice:

- do not use poor quality tapes, with distortions or labels detached;
- never leave the tape in the radio when not in use;
- never insert other objects in the tape slot;
- do not leave tapes in direct sunlight or expose them to excessive heat or moisture;
- put tapes back in their boxes after use;
- over time, dirt on the playing head caused by tapes may reduce the high notes when playing. You are therefore advised to clean the head routinely using a special cleaner tape of the non abrasive type;

- preferably use C-60 tapes. Do not use tapes longer than C-90 to ensure constant, optimal playback. Moreover, longer tapes are very thin and can easily break;
- avoid using cassettes with slack tape, especially C-90 tapes. The tape could come out of the cassette and block the mechanism. However, if the player detects slack tape or similar problems, the cassette will be ejected automatically;
- do not lubricate the tape mechanism;
- do not touch the player head with magnetic or hard objects.

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:

COMPACT
disc
DIGITAL AUDIO

- ❑ 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 on the CD surface, nor write on the recorded surface by using pencils or pens.

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.

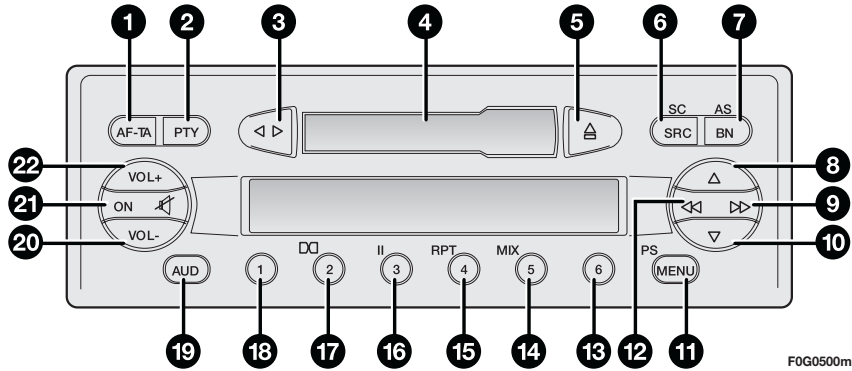
IMPORTANT Do not use the protective sheets for CD in commerce or discs with stabilisers, etc. as they might get stuck in the internal mechanism and damage the disc.

IMPORTANT Should copy-protected CDs be used, then, few seconds may be required for playing them.

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

RADIO WITH TAPES PLAYER

CONTROL DESCRIPTION



RADIO WITH
TAPES PLAYER

RADIO WITH
COMPACT DISC PLAYER

RADIO WITH
COMPACT DISC AND MP3 CD PLAYER



Button	Buttons and front panel		RADIO mode	
	Letters or symbol	Function	Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
1	AF-TA	Alternative frequency (AF) /Traffic information (TA)	TA ON/OFF	AF ON/OFF
2	PTY	Programme Type	PTY ON/OFF	PTY: displays selected programme type
3	◀▶	Reverse		
4	Tape slot			
5	▲	Eject Tape	Eject Tape	
6	SRC-SC	Audio source selection/Scan function	Select Tape, Radio or CD Changer (if provided)	FM/AM station scan
7	BN-AS	Frequency band selection	FM1, FM2, FMT, MW, LW	Store automatically in FMT station range
8	▲	Automatic station tuning	Automatic station tuning TP: seek + PTY: seek + AF: seek +	Fast automatic station tuning TP: seek + PTY: seek + AF: seek +
9	▶▶	Manual station tuning	Manual station tuning TP: seek + PTY: seek + AF: seek +	Fast manual station tuning TP: seek + PTY: seek + AF: seek +
10	▼	Automatic station tuning	Automatic station tuning TP: seek - PTY: seek - AF: seek -	Fast automatic station tuning TP: seek - PTY: seek - AF: seek -
11	MENU-PS	Menu function/Scan function	Menu on/off	Scan preset stations
12	◀◀	Manual station tuning	Manual station tuning TP: seek - PTY: seek - AF: seek -	Fast manual station tuning TP: seek - PTY: seek - AF: seek -

TAPE mode		CD Changer mode	
Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)	Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
TA ON/OFF	AF ON/OFF	TA ON/OFF	AF ON/OFF
PTY ON/OFF		PTY ON/OFF	
Reverse	Reverse		
Eject Tape		Eject Tape	
Select Tape, Radio or CD Changer (if provided)	Scan tape tracks	Select Tape, Radio or CD Changer (if provided)	Scan CD tracks
	Store automatically in FMT station range		Store automatically in FMT station range
Select next track	Select next track (continuous)	Select next CD	Select next CD (continuous)
Fast forward (to tape end)	Fast forward (to tape end)	Select next track	Fast forward
Select previous track	Select previous track (continuous)	Select previous CD	Select previous CD (continuous)
Menu on/off		Menu ON/OFF	
Fast backward (to tape end)	Fast backward (to tape end)	Backward to track start/select previous track	Fast backward

RADIO WITH
TAPES PLAYER

RADIO WITH
COMPACT DISC PLAYER

RADIO WITH
COMPACT DISC AND MP3 CD PLAYER

Button	Buttons and front panel		RADIO mode	
	Letters or symbol	Function	Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
13	6	Preset station 6	FM/AM: call preset station 6	FM/AM: store preset station 6
14	5-MIX	Preset station 5/MIX function	FM/AM: call preset station 5	FM/AM: store preset station 5
15	4-RPT	Preset station 4/REPEAT function	FM/AM: call preset station 4	FM/AM: store preset station 4
16	3-II	Preset station 3/Playing pause	FM/AM: call preset station 3	FM/AM: store preset station 3
17	2 	Preset station 2/DOLBY	FM/AM: call preset station 2	FM/AM: store preset station 2
18	1	Preset station 1	FM/AM: call preset station 1	FM/AM: store preset station 1
19	AUD-LD	Audio settings/Loudness	Bass (B) Treble (T) Fader (F) Balance (B)	Loudness on/off
20	VOLUME -	Volume adjustment	Volume adjustment: to decrease	
21	ON/ 	Radio on/off	With radio on: Audio Mute on/off With radio off: radio on	With radio on: off With radio off: radio on
22	VOLUME +	Volume adjustment	Volume adjustment: to increase	

TAPE mode		CD Changer mode	
Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)	Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
		MIX function on/off	
		REPEAT function on/off	
Tape playing pause on/off		CD playing pause on/off	
DOLBY B NR on/off	DOLBY B NR on/off	DOLBY B NR on/off	DOLBY B NR on/off
Bass (B) Treble (T) Fader (F) Balance (B)	Loudness on/off	Bass (B) Treble (T) Fader (F) Balance (B)	Loudness on/off
Volume adjustment: to decrease		Volume adjustment: to decrease	
Volume adjustment: to increase		Volume adjustment: to increase	

RADIO WITH
TAPES PLAYER

RADIO WITH
COMPACT DISC PLAYER

RADIO WITH
COMPACT DISC AND MP3 CD PLAYER

GENERAL

The set possesses the following functions:


RADIO SECTION

- PLL tuning with FM/AM/MW/LW frequency bands;
- RDS (Radio Data System) with TA (traffic information) - PTY (Program Type) - EON (Enhanced Other Network) - REG (Regional programmes);
- AF: alternative frequency search selection in RDS mode;
- emergency alarm presetting;
- automatic/manual station tuning;
- manual storage of 30 stations: 18 in the FM band (6 in FM1, 6 in FM2, 6 in FMT), 6 in the MW band and 6 in the LW band;
- automatic storage (AUTOSTORE function) of 6 stations in FMT band;
- DX/LO function (sensitivity adjusting in searching radio stations);

- Scan function (scanning stored stations);
- automatic Stereo/Mono switching.

TAPE SECTION

- Autoreverse;
- Tape fast forward/rewind;
- CrO₂ tape equalizing;
- MSS function (previous/next track automatic search);
- Repeat function (repetition of last track);
- Scan function (scan tape tracks);
- DOLBY B (noise reduction circuit) (*);
- Powered tape loading and eject.

(*) The DOLBY reduction circuit is made under the licence of Dolby Laboratories Licensing Corporation. DOLBY and the  symbol with double D are patented brands of Dolby Laboratories Licensing Corporation.

COMPACT DISC SECTION (when the CD Changer is fitted)

- Disc select (disc no.);
- Track select (forward/backward);
- Fast forward/backward;
- Mix function (random playing of tracks);
- Repeat function (repetition of last track);
- Scan function (scanning the tracks on the Compact Disc).

AUDIO SECTION

- Mute/Pause function;
- Loudness function;
- Separate bass/treble adjustment;
- Right/left channel balancing.

ANTITHEFT PROTECTION

The radio is fitted with an antitheft protection system based on a secret code. This code is stored by the sound system and shall be entered again each time the sound system power is disconnected (e.g.: battery disconnection).

The message "CODE" will appear on the display during the code entry procedure. The sound system will only start working once the correct code is entered.

The protection system makes the sound system useless if it is removed from the dashboard.

IMPORTANT The secret code shall be used in the event of next installation of the sound system on another car, different from the original one.



To install a Lineaccessori CD changer and the respective connections, contact only a Fiat Dealership.



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.

Entering the secret code

Entry of the secret code is required to allow the radio to work after each reconnection to the car electric system.

Connecting the radio to the car supply, the display shows the word “CODE” for about 2 seconds, followed by four dashes “----”.

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

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

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

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

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

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

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

CODE Card

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

The secret code shall be entered again each time the sound system power is disconnected.

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

GLOSSARY

AF (Alternative Frequency)

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

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

Autoreverse

Function that makes it possible to listen to both sides of the tape without having to turn the cassette over.

AutoSTore

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

Balance (Channel balancing)

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

Bass (Bass tones)

This function adjusts the bass tones.

Blank Skip

Function that activates tape fast forward in the lack of a signal. This way the waiting times between one piece of music and another and at the end of the tape are reduced.

CLR (Clear)

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

CD Changer (where provided)

Multiple Compact Disc player.

Distant/Local (Sens Dx/Lo)

These are two levels of reception sensitivity.

- 1) Distant (maximum sensitivity), which makes it possible to tune all the stations that can be received.
- 2) Local (minimum sensitivity), which makes it possible to tune only those stations with sufficiently strong signals, such as for example local stations.

Dolby B

Tape noise limiting device produced under licence of "Dolby Laboratories Licensing Corporation".

EON (Enhanced Other Network)

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

Fader

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

Hicut (treble reduction)

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

Loudness

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

MSS (previous/next track search)

With this function it is possible to listen to next or previous track on the tape.

Mute

This function enables to mute the active source. This function is activated automatically, if a cell phone is connected to the radio, when a phone call is being received.

Presettings

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

PTY (Program Type)

This function allows the presetting of a category of programmes such as for instance, news bulletins, music, sport, etc. The set automatically gives priority to the type of programme selected when the transmission starts, interrupting the one in progress.

RDS (Radio Data System)

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

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

REG (Regional transmission reception function)

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

Repeat (Repetition of the track)

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

RM (Radio Monitor)

Function with which it is possible to listen to the radio during tape fast forward/rewind.

Scan

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

Scrolling

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

PLL tuning

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

Soft Mute

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

Sound Flavour

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

TA (Traffic information)

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

Treble (Treble tones)

This adjusts the treble tones.

OPERATION

CONTROLS ON STEERING WHEEL (where provided)

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

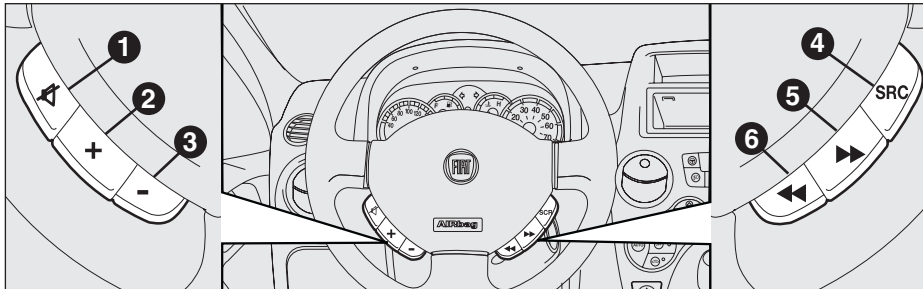
- (1) Mute function button;
- (2) Volume increase button;
- (3) Volume decrease button;
- (4) Radio frequency range select button (FM1, FM2, FMT, MW, LW) and available listening sources (Radio - Tape - CD Changer);

(5) Multifunction button:

- Radio: call preset stations (from 1 to 6);
- Tapes player: search next track (MSS function);
- CD Changer: select next track.

(6) Multifunction button:

- Radio: call preset stations (from 6 to 1);
- Tapes player: search previous track (MSS function);
- CD Changer: select previous track.



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Volume adjustment/Mute function buttons

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

Radio frequency and sound source select button

To cyclically select the radio frequencies and sound sources, briefly and repeatedly press button (4).

The frequencies/sources available are: FM1, FM2, FMT, MW, LW, CC (*), CDC (**).

(*) Only if the tape is inserted.

(**) Only if the CD Changer is connected.

Multifunction buttons (5) and (6)

The multifunction buttons (5) and (6) call the preset radio stations, seek the next/previous piece when listening to a tape (MSS function) or select the next/previous piece when listening to a Compact Disc.

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

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

FUNCTIONS AND ADJUSTMENTS

IGN TIME function

(system power on/off) (where provided)

The set is switched on pressing the “ON” button (21).

With the ignition key at MAR the “ON” button is always lit to facilitate turning on the radio.

This function enables to switch the sound system off according to two different modes. Use button 9 (▶▶) or 12 (◀◀) to turn this function on/off.

The display will show the selected mode:

- “00 MIN”: deactivation dependent on ignition key; the sound system will turn off automatically as soon as the ignition key is turned to STOP;
- “20 MIN”: deactivation independent of ignition key; the sound system will stay on for max. 20 minutes after turning the ignition key to STOP.

IMPORTANT Should the sound system turn off automatically after turning the ignition key to STOP (for both immediate or 20-minute delayed deactivation), it will turn on automatically when turning the ignition key to MAR. When the sound system is turned off using the relevant button 21 “ON”, it will stay off even when turning the key to MAR.

Selecting Radio/Tape/ CD Changer

Pressing briefly and repeatedly the 6 (SRC-SC) button it is possible to select the following functions in sequence:

- TUNER (Radio);
- TAPE (Cassette) (only if the tape is inserted);
- CHANGER (CD Changer) (only if the CD Changer is connected).

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

The functions that cannot be selected (e.g.: “TAPE” when the cassette is not inserted) are automatically disabled. If the cassette is not inserted or the CD Changer is not connected, pressing button 6 (SRC-SC) the display will show the message “NO CD” for about 2.5 seconds, then the sound system will set automatically to “TUNER” (Radio).

Pause function

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

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

Volume adjustment

Press the “VOL+” button (22) to increase the volume or “VOL-” (20) to lower it.


Pressing the button briefly the change is gradual by steps.


Pressing longer, the change is fast. For a few seconds the display shows the wording “VOL” and the volume level (from 0 to 66).

If the volume level is changed during the broadcast of a traffic bulletin or during use of the phone (if the voice feature is installed), the new setting is maintained only until the end of the bulletin or phone call. Volume can be also adjusted during manual/automatic tuning, AutoStore, radio station scan or CD Changer mode.

IMPORTANT On versions not fitted with rear speakers, if the volume is low although the value set is high, check whether the Fader function is set to “F” (front). Fader setting to “R” (rear) will actually reduce the sound system output till muting the volume if the value set is R+9.

Mute function (turning off the volume completely)

To switch on the Mute function, briefly press the button/ (21). Volume will gradually lower (Soft Mute function) and the display will show the word “MUTE”.

To switch off the Mute function, briefly press the button/ (21) again. Volume will gradually become louder (Soft Mute function) returning to the value set before switching on the Mute function.

The Mute function is also switched off pressing one of the volume adjustment buttons “VOL+” (22) or “VOL-” (20): in this case the volume is changed directly.

With the Mute function on:



- all the other functions can be used;
- if an emergency alarm or a traffic bulletin arrives with the TA function on, the message ignores the Mute function;
- If the “Telephone preset” option is available, the Mute function is ignored at incoming calls. After the call is over, the function is actuated again;
- if with TA function on, the radio does not broadcast traffic info, a warning beep will sound.

Soft Mute function

When the Mute function is turned on or off, the volume lowers or increases gradually (Soft Mute function). The Soft Mute function is also activated when one of the six preselection buttons, the “BN” button (7) or the “ON” button (21) is pressed.

Tone adjustment (bass/treble)

Proceed as follows:

- briefly and repeatedly press the 19 (AUD) button until the display shows “BASS” or “TREBLE”;
- press 8 () or 10 () to increase/decrease the basses or trebles.

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

The bass/treble levels (–6 to +6) will appear on the display for approximately 4 seconds.

After about 4 seconds from the last adjustment the display returns to the main radio screen.

Balance adjustment

Proceed as follows:

- briefly and repeatedly press the 19 (AUD) button until the display shows “BALANCE” (select Balance function);
- press button 8 (N) to increase the sound from the right speakers or button 10 (O) to increase the sound from the left speakers.

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

After about 4 seconds from the last adjustment the display returns to the main radio screen.

Fader adjustment

Proceed as follows:

- briefly and repeatedly press the 19 (AUD) button until the display shows “FADER” (select Fader function);
- press button 8 (▲) to increase the sound from the rear speakers or button 10 (▼) to increase the sound from the front speakers.

Pressing the buttons briefly the change is gradual by steps. Pressing longer, changing is faster. For few seconds the display shows the levels of fader from R+9 to F+9 (R = rear, F = front).

NOTE: Audio adjustments (Bass, Treble, Fader, Balance) will deactivate in the following cases (after having performed the required adjustments, values will be stored):

- after about 4 seconds from last adjustment;
- pressing button 19 (AUD) again;

- adjusting or deactivating a function requiring info display;
- activating a new function (e.g.: TA or Tel Mute function or inserting a tape).

IMPORTANT On versions not fitted with rear speakers, the Fader function shall be set to “F” (front) to avoid sound system output power reduction and volume muting if Fader is set to = R+9.

Loudness function

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

To switch the function on/off, keep button 19 (AUD) pressed until hearing the “beep”. The function condition (on or off) is shown on the display for few seconds by “LD ON” or “LD OFF”.

TELEPHONE PROVISION (where provided)

If the vehicle is equipped with a free-hands kit, the car radio volume control is connected, when a telephone call is received, to the telephone input, thus preventing listening to the tuned station or the CD. The telephone sound is always received to a set volume; yet, it can be adjusted during conversation, by means of button 22 (VOL+) or button 20 (VOL –).

The fixed telephone volume can be adjusted through the “PHONE” function of the menu (see paragraph “MENU”).

The only car radio buttons active during telephone calls are:

- 20, 21 and 22 (ON , VOL+, VOL-: for car radio switch-on/off and volume control;
- I (AF-TA): traffic information.

When the volume is turned off during a telephone call, the display will indicate “PHONE”.

During telephone calls, all functions, except for AutoStore and Search (operating mode selection) are disabled.

The phone call volume will be turned off when a PTY31 announcement or a traffic news bulletin is broadcast; press button 15 (AF-TA) to interrupt the bulletin.

When the car radio is ON and the engine is OFF (with the key in STOP position), the car radio will not turn off when a telephone call is received; it will automatically turn off when the call is over.

RADIO (Tuner)

When the set is turned on the last function selected before turning off is played (Radio, Tape or CD Changer).

To select the Radio source while listening to a cassette or Compact Disc, press briefly and repeatedly button 6 (SRC-SC) until this function is selected.

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

Selecting the frequency band

If in the Radio mode, briefly and repeatedly press button 7 (BN-AS) to select the required reception band.

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

The last station selected in the respective frequency band will be tuned specially if the station is not stored on the presetting buttons.

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

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

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

Presetting buttons

The buttons with symbols from 1 to 6 (“18”, “17”, “16”, “15”, “14”, “13”) make it possible to set the following presettings:

- 18 in the FM band (6 in FM1, 6 in FM2, 6 in FMT);
- 6 in the MW band;
- 6 in the LW band;
- 6 types of PTY programming (only in the FM mode when PTY is selected).

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

If the PI code (Program Index) can no longer receive at the frequency allocated to a preset button, the radio will start searching this PI on another frequency as soon as the car leaves the area covered by the previous frequency. The display will show “SEARCH”.

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

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

Storing the last station heard

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

Automatic tuning

Briefly press button 8 (▲) or 10 (▼) to start automatically searching the tuning for the next station that it is possible to receive in the direction chosen.

If button 8 (▲) or 10 (▼) is pressed for longer, quick searching takes place: upon having tuned in to the first well receivable station, the tuner stops for about 1 second (in Mute) before quick searching continues. When the button is released, the tuner stops on the next receivable station.

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

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

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

Manual tuning

This allows manual station searching in the chosen band.

Proceed as follows:

- Select the band with button 7 (BN-AS): FMI, FM2, FMT, MW or LW;
- Press briefly and repeatedly button 9 (▶▶) or 12 (◀◀) to start searching in the chosen band. Pressing one of the buttons 9 (▶▶) or 12 (◀◀) longer obtains fast forward searching, which is stopped when the button is released.

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

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

Scan function (station scanning)

Keeping button 6 (SRC-SC) pressed until the "beep", starts scanning the stations in the frequency band selected (FM, MW, LW). Each station found will be heard for a few seconds and the name and frequency will flash on the display. While searching the display will show "FM SCAN", "AM SCAN" or "PTY SCAN" for a few seconds.

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

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

When the Scan function is on, the station name and frequency will flash.

When wanting to continue listening to a station selected during scanning, press "SRC" (6) again.

The Scan function is interrupted in the following cases:

- pressing again button 6 (SRC-SC);
- pressing button 8 (▲) or 10 (▼) or 9 (▶▶) or 12 (◀◀) (manual or automatic tuning starts);
- pressing a preset button;
- turning AutoStore on;

- turning PTY on/off;
- changing the chosen frequency band;
- pressing button 11 (MENU-PS) or 19 (AUD);
- when a station is found that is broadcasting a traffic bulletin, if the TA is on;
- inserting a cassette.

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

Scanning preset stations

Keep button 11 (MENU-PS) pressed to start scanning the preset stations in the present frequency band:

- FM: FMI 1, FMI 2,... FMI 6, FM2 1, FM2 2,... FM2 6, FMT 1, FMT 2,... FMT 6;
- MW: MW 1, MW 2,... MW 6;
- LW: LW 1, LW 2, ...LW 6.

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

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

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

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

The Scan function is interrupted in the following cases:

- pressing "BN" (7);
- pressing again button 11 (MENU-PS);
- pressing button 8 (▲) or 10 (▼) or 9 (▶▶) or 12 (◀◀) (manual or automatic tuning starts);
- pressing a preset button;
- turning AutoStore on;
- turning PTY on/off;
- changing the listening source (Tape, CD Changer);
- changing the FM level or frequency band selected
- pressing button 19 (AUD);
- when a station is found that is broadcasting a traffic bulletin, if the TA is on;
- inserting a cassette.

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

Manual station storage

The station being heard can be stored in the range selected with buttons (“18”, “17”, “16”, “15”, “14”, “13”) numbered from 1 to 6.

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

AutoStore function (automatic station storage)

To switch on the Autostore function, keep button 7 (BN-AS) pressed until receiving the confirmation “beep”. With this function the radio automatically stores the six stations with the strongest signal in decreasing order of intensity of the FMT frequency band.

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

If the TA function is on (traffic information), only the stations that send traffic information will be stored. This function may also be turned on when listening to a tape or CD Changer (if installed).

During automatic storage the display shows “A-STORE”.

To interrupt AutoStore press button 7 (BN-AS) again: the radio will automatically tune to the station heard before activation of the AutoStore function.

At the end of the AutoStore function the radio automatically tunes on the first preset station in the FMT band, stored on preset button 1 (18).

On buttons (“18”, “17”, “16”, “15”, “14”, “13”) numbered from 1 to 6, the stations are automatically stored that give a strong signal in that moment in the present band.

The behaviour of the set during AutoStore is as follows:

- at the beginning of the AutoStore function all the other functions are disabled;
- pressing one of the radio function buttons, e.g.: 2 (PTY), 8 (▲), 9 (▶▶), 10 (▼), 12 (◀◀), (13), (14), (15), (16), (17), (18) the automatic storage process is interrupted, the last station heard before AutoStore was turned on is tuned and the function associated with the button pressed is run;
- pressing button I (AF-TA) during AutoStore will interrupt it, the TA function (traffic information) will be turned on/off and a new automatic storage process will be started;
- changing the listening source (Radio, Tape, CD Changer) during automatic storage will not interrupt the AutoStore function.
- activating the AutoStore function in MW or LW bands will automatically select the FMT band where the function is then run.

IMPORTANT Sometimes the AutoStore function is unable to find 6 stations with a strong signal. In this case, the free preset buttons will be shown on the display, for about 2 seconds, by 4 dashes and the last station heard will be returned.

Listening to stored stations

Proceed as follows:

- select the required frequency band (FM, MW, LW);
- briefly press one of the six station storage buttons.

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

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

AF function (alternative frequency search)

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

- “AF ON”: alternative frequency search on (the display shows “AF”);
- “AF OFF”: alternative frequency search off.

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

- with “AF ON” the RDS system activates automatic tuning of the optimum frequency of the station chosen, with the stations enabled, therefore the radio is automatically tuned to the station with the strongest signal that is broadcasting the same programme. During the journey it will thus be possible to continue listening to the station chosen without having to change the frequency when changing area. Of course, the station being listened to must be receivable in the area the car is crossing.
- With “AF OFF” the radio will not tune the strongest station automatically and it will have to be found manually using the tuner buttons.

To turn the AF function on/off, keep button I (AF-TA) pressed until hearing the beep. The name RDS (if available) stays on the display and if the AF function has been turned on the symbol “AF” is shown.

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

TA function (traffic information)

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

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

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

- TA and TP: if tuned to a station that sends traffic information and the traffic information function is on;
- TP: if tuned to a station that sends traffic information but the traffic information function is off;
- TA (*): the traffic information function is on but the radio is tuned to a station that does not give traffic information;
- TA and TP not shown on the display: the radio is tuned to a station that does not give traffic information and the traffic information function is off.

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

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

- 1) to search only RDS stations that transmit in the FM band, enabled to broadcast traffic information;
- 2) to receive traffic information even if the tapes player or CD Changer is in use;
- 3) to receive traffic information at a predefined minimum volume even with the radio volume off.

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

1) To receive stations enabled to broadcast traffic information:

- select band FMI, FM2 or FMT;
- briefly press button I (AF-TA) so that the display shows "TA";
- press tuner buttons "▶▶" (9) or "◀◀"(12).

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

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

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

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

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

- turn on the TA function briefly pressing button 1 (AF-TA), so that the display shows “TA”;
- tune to a station enabled to transmit traffic information so that the display shows “TP” and turn the volume to zero by keeping button 20 (VOL-) pressed.

This way, if that station broadcasts traffic information, this will be heard at a minimum predefined volume.

IMPORTANT In certain countries radio stations exist which, even if the TP function is on (the display shows “TP”), do not transmit traffic information.

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

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

- listening volume below 20: traffic bulletin volume = 20 (fixed value);
- listening volume above 30: same traffic bulletin volume as listening volume + 1.

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

When leaving the tuned station coverage area, depending on the active audio source, the following cases may take place:

- Radio on: a “beep” is given every 30 seconds;
- Tape, CD Changer (if installed), Telephone or Mute on: a “beep” is given and the search for an enabled station will start.

During a traffic bulletin it is possible to turn on sound adjustment with the (AUD-LD) 19 button.

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

- if listening to a tape another station is sought that is enabled to transmit traffic information;
- if when listening to the radio a “beep” is given to alert that it is not possible to receive traffic information, to interrupt it, it is necessary to tune to a station that can provide traffic information or switch off the TA function.

The TA function is interrupted in the following cases:

- in radio mode: press a preset button during a traffic bulletin;
- pressing button 6 (SRC-SC) during a traffic bulletin;
- by automatic/manual tuning or AutoStore;
- turning the Mute function on.

Emergency alarm reception

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

This function is activated automatically and cannot be deactivated.

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

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

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

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

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

The list of the various subjects comprises:

NEWS News and magazine

AFFAIRS Politics and news

INFO Special information programmes

SPORT Sport programmes

EDUCATE Education

DRAMA Radio dramas and literature

CULTURE Culture

SCIENCE Science

VARIED Variety

POP M Pop music

ROCK M Rock music

EASY M Easy music

LIGHT M Light classic music

CLASSICS Classic music

OTHER M Other music

WEATHER Weather report

FINANCE Finance news

CHILDREN Child’s programmes

SOCIAL Social information

RELIGION Religion and philosophy

PHONE IN Listener’s calls (other than “Phone In”
function active only with handsfree kit
connection for cell 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

To change the type of PTY proceed as follows:

□ press one of the 6 preset buttons;

or

□ press buttons 9 (▶▶) or 12 (◀◀)

If the display shows the station frequency or name instead of the type of programme, pressing 9 (▶▶) or 12 (◀◀) the current type of programme will be displayed.

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

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

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

Controlling the station’s type of PTY programme

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

EON function (Enhanced Other Network)

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

Scrolling transmissions

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

To activate this function keep button 1 (AF-TA) pressed to activate the AF function. The scrolling may begin pressing button 9 (▶▶) or 12 (◀◀).

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

Stereophonic stations

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

MENU

Functions of button 11 (MENU-PS)

To activate the menu function, briefly press button 11 (MENU-PS). The display shows the word "MENU". After about 2 seconds the display shows the wording "MEN REG-ON".

To scroll the menu functions use buttons 8 (▲) or 10 (▼). To turn on/off the function selected, use buttons 9 (▶▶) or 12 (◀◀).

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

The functions controlled by the menu are the following:

- REG (regional programmes);
- CDC DISP (CD Changer data display, if installed);
- SENS DX/LO (tuning sensitivity);
- RM (Radio-Monitor);
- PHONE (Telephone volume, if installed);
- HICUT (Treble reduction);
- IGN TIME (System power off mode).

To exit the menu function, press button 11 (MENU-PS) again.

REG function (regional broadcast reception)

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

To turn the function on/off, use button 9 (▶▶) or 12 (◀◀).

The display will show the current status of the function:

- “REG ON”: function on;
- “REG OFF”: function off.

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

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

CDC function (CD Changer data display) (if installed)

This function can be chosen only if a CD Changer is connected.

In this case the display will show “CDC DISP”.

To change the function use buttons 9 (▶▶) or 12 (◀◀).

The display shows the setting among the two possible:

- “TIME” (time elapsed from start of track);
- “CD NR” (CD number).

SENS DX/LO function (tuner sensitivity adjustment)

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

To set the sensitivity, use button 9 (▶▶) or 12 (◀◀). The display will show the current status of the function:

- “SENS LO”: low sensitivity;
- “SENS DX”: high sensitivity.

RM function (Radio Monitor)

With this function it is possible to listen to the radio while the cassette tape winds/rewinds.

Normally during tape fast forward/rewind, the radio is silent; if required, turning on the RM function the radio can be heard during this phase.

To turn the function on/off, use button 9 (▶▶) or 12 (◀◀). The display will show the current status of the function:

- “RM ON”: function on;
- “RM OFF”: function off.

PHONE function (telephone volume adjustment)

With this function it is possible to adjust (setting from 1 to 66) or cut off (OFF setting) the telephone sound.

To adjust or cut off, use button 9 (▶▶) or 12 (◀◀).

The display will show the current status of the function:

- “PHONE”: function on;
- “PHONE 23”: function on with volume setting 23;
- “OFF”: function off.

HICUT function (treble reduction)

Using this function it is possible to reduce the treble tones, in accordance with the signal transmitted. To turn the function on/off, use button 9 (▶▶) or 12 (◀◀).

The display will show the current status of the function:

- “HICUT ON”: function on;
- “NO HICUT”: function off.

IGN TIME function (system power off) (where provided)

This function enables to switch the sound system off according to two different modes. To turn the function on/off use button 9 (▶▶) or 12 (◀◀).

The display will show the selected mode:

- “00 MIN”: deactivation dependent on ignition key; the sound system will turn off automatically as soon as the ignition key is turned to STOP;
- “20 MIN”: deactivation independent of ignition key; the sound system will stay on for max. 20 minutes after turning the ignition key to STOP.

IMPORTANT: Should the sound system turn off automatically after turning the ignition key to STOP (for both immediate or 20-minute delayed deactivation), it will turn on automatically when turning the ignition key to MAR. When the sound system is turned off using the relevant button 21 (ON/OFF), it will stay off even when turning the key to MAR.

TAPES PLAYER (TAPE)

Activating the tape player

To turn the tape player on, even when the set is off, insert the cassette in the slot (4) with the tape rightwards.

If the cassette is already in, press button 6 (SRC-SC) to select the tape function. Playing will start automatically.

Playing a cassette

After turning on the tape player, the tape begins playing automatically and the display shows either “SIDE A” or “SIDE B” depending on which side is playing. When the cassette is inserted, the player starts playing side A of the tape.

If the cassette is inserted, the display shows the wording “CC-IN”, which remains on the display even when different operating modes are chosen (Radio or CD Changer). The symbol goes off after ejection of the tape.

Changing the tape playing side

After playing the tape, the cassette side is changed automatically (Autoreverse function).

The display shows the tape side being played.

To change side before the end of the tape, press button 3 (◀▶) (Reverse function); the display will change accordingly.

MSS function (searching previous/next track)

Briefly press button 8 (▲), to play the next track on the cassette and button 10 (▼) to play the previous track.

During fast forward the display shows the wording “MSS FF” followed by the number of the next pieces to be skipped.

Keep button 8 (▲) or 10 (▼), pressed to obtain continuous forwards/backwards. Keep these buttons pressed to move forwards/backwards the number of required pieces.

During rewind the display shows the wording “MSS FR” followed by the number of the previous pieces to be skipped.

MSS function is interrupted in the following cases:

- when the sound source is changed;
- when the cassette is ejected;
- when the side of the tape is reversed;
- when a function that needs the display for new information is turned on/off;
- when the set is turned off;
- when the TA (traffic information) and Tel-mute functions are on and when receiving an emergency alarm (PTY31). After the message the set resumes playing;
- when button 9 (▶▶) or 12 (◀◀) is pressed.

Tape fast forward/rewind

To move the tape fast forward, press button 9 (▶▶) or 12 (◀◀) depending on the direction of the tape. The display will show the direction selected:

- “FORWARD”;
- “REWIND”.

To interrupt fast forward/rewind, press again button 9 (▶▶) or 12 (◀◀).

The fast forward/rewind function is interrupted in the following cases:

- when the sound source is changed;
- when the cassette is ejected;
- when the side of the tape is reversed;
- when a function that needs the display for new information is turned on/off;
- when the set is turned off;
- when the TA (traffic information) and Tel-mute functions are on and when receiving an emergency alarm (PTY31). After the message the set resumes playing;
- when button 8 (▲) or 10 (▼) is pressed.

Pause function

To pause the cassette player, press button 16 (3-II). The display will show “PAUSE”. To listen to the track again, press again button 16 (3-II).

The pause function is automatically cancelled changing the sound source.

Scan function (scanning tracks)

With this function it is possible to hear all the tracks contained in the cassette.

Keep button 6 (SRC-SC) pressed until hearing the “beep” to play the first 10 seconds of all the pieces on the tape. While playing the track and searching the start of the next track, the display will show the wording “SCAN”.

Press button 6 (SRC-SC) again to interrupt scanning while listening to a track: the word “SCAN” will go off the display and the cassette will be played starting from that track.



The scanning sequence is the following:


- from the track played up to the end of the tracks on the same side of the tape;
- playing side change and scanning of all the tracks on that side;
- changing again the playing side and scanning all the tracks on that side. After playing the tracks the function goes off.

The Scan function is interrupted in the following cases:

- pressing 6 (SRC-SC) again to continue listening to the track being played;
- pausing;
- pressing a button to search in the 4 directions;
- pressing button 3 (◀▶) (Reverse);
- pressing button 19 (AUD-LD);
- if the TA function is on and the station selected is broadcasting a traffic bulletin;
- pressing button 11 (MENU-PS).

DOLBY B function

Press button 17 (2-) to turn on/off the Dolby B function (device for limiting the noise produced under licence of “Dolby Laboratories Licensing Corporation”. Dolby and the “” symbol are brands patented by “Dolby Laboratories Licensing Corporation”).

When the Dolby function is on, the display shows the “” symbol.

Ejecting the cassette

To eject the cassette press button 5 (▲) with the set on.

After ejecting the cassette, the source heard before playing the cassette will be resumed.

The cassette cannot be ejected if the radio is off.

CD CHANGER (CDC) (where provided)

CD Changer (multiple Compact Disc player) for 5 discs, to be located in the glove compartment, is available upon request.

Selecting the CD Changer

Turn on the set, then press briefly button 6 (SRC-SC) to select the “CHANGER” function.

Inserting/ejecting a CD

To insert CDs into the CD Changer: insert gently a CD with the label upwards into the CD Changer compartment and push it gently to the stop. The powered loading system will position it correctly.

To eject CDs from the CD Changer: keep pressed the button with the number corresponding to the CD to be ejected, set near the CD compartment.

Possible error messages

Error messages will be displayed in the following cases:

- no CD in the CD Changer: the display will show “NO CD” until changing the sound source;
- selected CD is illegible (CD not in the selected position or CD not inserted properly): the display shows “CD ERROR” after the number of the selected CD for about 2 seconds. The next CD will be selected; if there are no other CDs or if they are also illegible the display will show the wording “NO CD” until the sound source is changed;
- error in CD reading: the display shows “CD ERROR” for about 2 seconds. The next CD will be selected; if there are no other CDs in the CD Changer (after the last CD search will restart from the first one) or if they are also illegible the display will show the wording “NO CD” until the sound source is changed;
- a CD-ROM is inserted: next CD will be selected.

Display information

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

- “T05”: shows the number of the track on the CD;
- “03:42”: shows the time elapsed since the start of the track (if the corresponding Menu function is on);
- “CD 04”: the number of the CD in the loader.

Choosing the CD

Press button 8 (▲) to select the next CD and button 10 (▼) to select the previous CD. If in the menu the CD time display function was selected, this will be replaced for about 2 seconds by the CD number.

If the loader does not contain a disc in the position selected, the display briefly shows the wording “NO CD”, and the next CD is played automatically.

Select track (forward/backward)

Briefly press button 9 (▶▶) to play the next track of the CD chosen and button 12 (◀◀) to play the previous one. Tracks are played in sequence: after the last track, the first one will be played and vice versa.

To select tracks continuously, keep the button pressed.

If playing the track started more than 3 seconds ago, pressing button 12 (◀◀) the track is played again from the start.

In this case if wanting to play the previous track, press the button twice consecutively.

Fast forward/backward

Keep button 9 (▶▶) pressed to move the track selected forward at high speed and keep button 12 (◀◀) pressed to move it quickly backward. Fast forward/backward is stopped once the button is released.

If the CD number or CD name display function was selected in the menu, this will be replaced for about 2 seconds by the CD time display function.

Pause function

To pause the CD Changer, press briefly button 16 (3-II). The display will show "PAUSE".

To resume playing the track, press button 16 (3-II) again.

The pause function is automatically cancelled changing the sound source.

Scan function (scanning CD tracks)

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

Keep button 6 (SRC-SC) pressed until hearing the “beep” to play the first 10 seconds of every track on the CD. While playing the display will alternately show for about 2 seconds, the CD function chosen (CD time, name or number) and the word “SCAN”. If the Scan function is on, the Repeat and Mix functions are turned off.

The scanning sequence is the following:

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

- next CD is selected and scanning from first to last CD track is performed (valid also for all the other CDs in the CD Changer).

- after scanning the last CD in the CD Changer, the first one will be played again.

The Scan function is interrupted in the following cases:

- pressing 6 (SRC-SC) again to continue listening to the track being played;
- pressing button 8 (▲) or 10 (▼), will select previous /next CD;
- pressing a preset button (from 1 to 5);
- turning the Mute function on
- changing the sound source;
- pressing button 11 (MENU-PS) or 19 (AUD-LD);
- if the TA function is on and the station selected is broadcasting a traffic bulletin.

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

Repeat function (track repeat)

Press button 15 (4-RPT) to listen repeatedly to the last track played: for about 2 seconds the display shows “REP TR”.

Press button 15 (4-RPT) again to listen repeatedly to the selected CD: for about 2 seconds the display shows “REP CD”.

Press button 15 (4-RPT) again to turn the Repeat function off: for about 2 seconds the display shows “REP OFF”.

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

Changing the sound source, the function is turned off.

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

Mix function (random track playing)

To start random playing of tracks on the Compact Disc selected, press button 14 (5-MIX). A new track will be played and for about 2 seconds the display will show “MIX CD”.

Press button 14 (5-MIX) again to start random playing of a CD in the CD Changer: for about 2 seconds the display will show “MIX MAG” (where provided).

Press button 14 (5-MIX) again to turn the function off: for about 2 seconds the display will show “MIX OFF”.

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

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

Changing the sound source, the function is turned off.

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

TECHNICAL INFORMATION

Radio

Maximum power: 4x40W.

Speakers

The system includes:

- two front full range speakers (B) (one on each door) with a diameter of 165 mm and 40W power;
- two rear full range speakers (C) (one on each door) with a diameter of 130 mm and 35W power.

CD Changer (where provided)

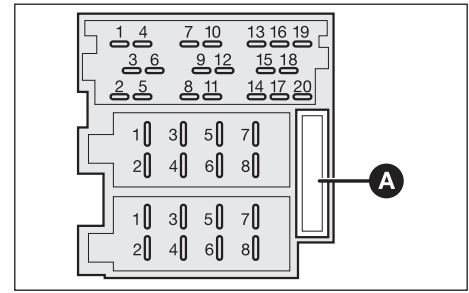
The car can be fitted with a CD Changer for 5 CDs, set in the glove compartment.

Aerial

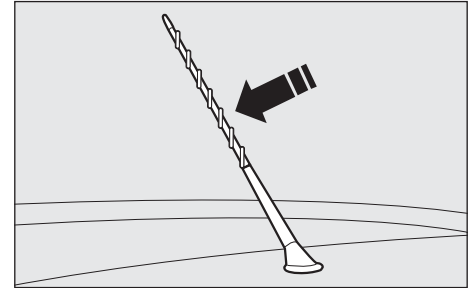
The aerial is located on the car roof.

Protection fuse

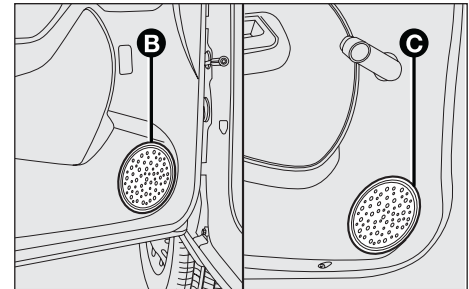
The radio has a 10A fuse (A).



F0G0507m



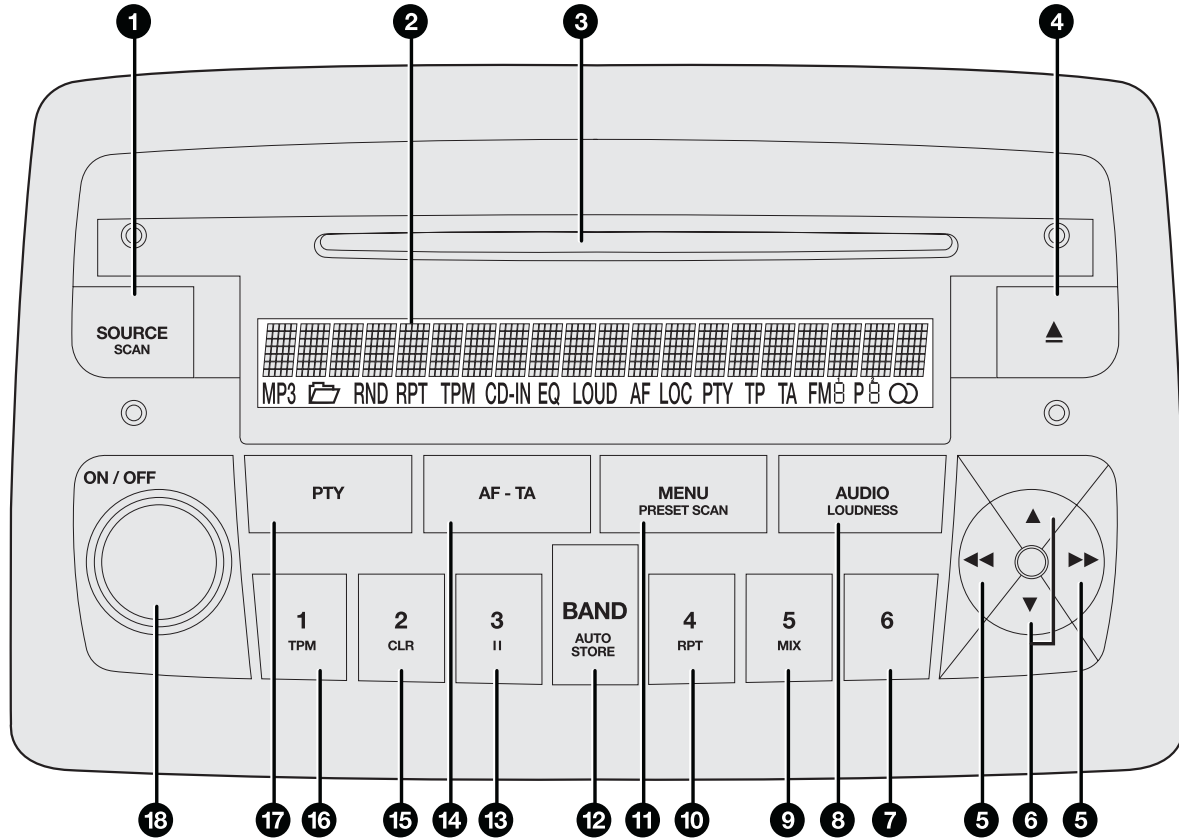
F0G0508m



F0G0510m

RADIO WITH COMPACT DISC PLAYER

CONTROL DESCRIPTION



F0G0502m

RADIO WITH
TAPES PLAYER

RADIO WITH
COMPACT DISC PLAYER

RADIO WITH
COMPACT DISC AND MP3 CD PLAYER

Button	Buttons and front panel		RADIO mode	
	Letters or symbol	Function	Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
1	SOURCE-SCAN	Select audio source/Scan function	Select CD, CD Changer (if installed) or Radio	FM/AM station scan
2	Display			
3	Slot for CD			
4	▲	Eject CD	Eject CD	
5	◀◀	Manual station tuning	Manual station tuning TP: seek - PTY: seek - AF: seek -	Fast manual station tuning TP: seek - PTY: seek - AF: seek -
	▶▶		Manual station tuning TP: seek + PTY: seek + AF: seek +	Fast manual station tuning TP: seek + PTY: seek + AF: seek +
6	▲	Automatic station tuning	Automatic station tuning TP: seek + PTY: seek + AF: seek +	Fast automatic station tuning TP: seek + PTY: seek + AF: seek +
	▼		Automatic station tuning TP: seek - PTY: seek - AF: seek -	Fast automatic station tuning TP: seek - PTY: seek - AF: seek -
7	6	Preset station 6	FM/AM: call preset station 6	FM/AM: store preset station 6
8	AUDIO-LOUDNESS	Audio settings/Loudness	Bass (B) Treble (T) Fader (F) Balance (B)	Loudness on/off
9	5-MIX	Preset station 5/MIX function	FM/AM: call preset station 5	FM/AM: store preset station 5

CD mode		CD Changer mode	
Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)	Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
Select CD, CD Changer (if installed) or Radio	Scan CD tracks	Select CD, CD Changer (if installed) or Radio	Scan CD Changer CDs
Eject CD		Eject CD	
Backward to track start/select previous track	Fast backward	Backward to track start/select previous track	Fast backward
Select next track	Fast forward	Select next track	Fast forward
		Select next CD	Select next CD (continuous)
		Select previous CD	Select previous CD (continuous)
Bass (B) Treble (T) Fader (F) Balance (B)	Loudness on/off	Bass (B) Treble (T) Fader (F) Balance (B)	Loudness on/off
MIX function on/off		MIX function on/off	

RADIO WITH
TAPES PLAYER

RADIO WITH
COMPACT DISC PLAYER

RADIO WITH
COMPACT DISC AND MP3 CD PLAYER

Button	Buttons and front panel		RADIO mode	
	Letters or symbol	Function	Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
10	4-RPT	Preset station 4/REPEAT function	FM/AM: call preset station 4	FM/AM: store preset station 4
11	MENU- PRESET SCAN	Menu function/Scan function	Menu on/off	Scan preset stations
12	BAND-AUTOSTORE	Frequency band selection	FM1, FM2, FMT, MW, LW	Store automatically in FMT station range
13	3-ll	Preset station 3/ Playing pause	FM/AM: call preset station 3	FM/AM: store preset station 3
14	AF-TA	Alternative frequency (AF) /Traffic information (TA)	TA ON/OFF	AF ON/OFF
15	2-CLR	Preset station 2/CLR function (CD track storage clearing)	FM/AM: call preset station 2	FM/AM: store preset station 2
16	1-TPM	Preset station 1/TPM function (CD track sequence storing)	FM/AM: call preset station 1	FM/AM: store preset station 1
17	PTY	Programme Type	PTY ON/OFF	PTY: displays selected programme type
18	ON/OFF VOLUME	Radio on/off/ Volume adjustment	With radio on: Audio Mute on/off With radio off: radio on Volume adjustment: turn leftwards: to decrease turn rightwards: to increase	With radio on: radio off With radio off: radio on

CD mode		CD Changer mode	
Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)	Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
REPEAT function on/off		REPEAT function on/off	
Menu on/off		Menu on/off	
	Store automatically in FMT station range		Store automatically in FMT station range
CD playing pause on/off		CD playing pause on/off	
TA ON/OFF	AF ON/OFF	TA ON/OFF	AF ON/OFF
	Clear selected CD track storage		
TPM function on/off	Store required track		
PTY ON/OFF		PTY ON/OFF	

RADIO WITH
TAPES PLAYER

RADIO WITH
COMPACT DISC PLAYER

RADIO WITH
COMPACT DISC AND MP3 CD PLAYER

GENERAL

The set possesses the following functions:

RADIO SECTION

- PLL tuning with FM/AM/MW/LW frequency bands;
- RDS (Radio Data System) with TA (traffic information) - PTY (Program Type) - EON (Enhanced Other Network) - REG (Regional programmes);
- AF: alternative frequency search selection in RDS mode;
- emergency alarm presetting;
- automatic/manual station tuning;
- manual storage of 36 stations: 18 in the FM band (6 in FM1, 6 in FM2, 6 in FMT), 6 in the MW band and 6 in the LW band and 6 PTY (only in FM);

- automatic storage (AUTOSTORE function) of 6 stations in FM band;
- DX function (Distant: maximum sensitivity in searching radio stations) and LO (Local) manual;
- Scan function (scanning stored stations);
- SVC function: automatic volume adjustment with car speed;
- automatic Stereo/Mono switching.



For installation and connection of the CD Changer apply only to Fiat Dealership.



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.

COMPACT DISC SECTION

- Disc select (disc no.);
- Track select (forward/backward);
- Fast forward/backward;
- Mix function (random playing of tracks);
- Repeat function (repetition of last track);
- Scan function (scanning the tracks on the Compact Disc);
- TPM function (CD playing sequence storage);
- CLR function (clearing CD track storage).

AUDIO SECTION

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

ANTITHEFT PROTECTION

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

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

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

Entering the secret code

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

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

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

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

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

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

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

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

CODE Card

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

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

GLOSSARY

AF (Alternative Frequency)

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

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

AutoSTore

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

Balance (Channel balancing)

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

Bass (Bass tones)

This function adjusts the bass tones.

CD Changer

Multiple Compact Disc player.

CLR (Clear)

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

Distant/Local (Sens Dx/Lo)

These are two levels of reception sensitivity.

- 1) Distant (maximum sensitivity), which makes it possible to tune all the stations that can be received.
- 2) Local (minimum sensitivity), which makes it possible to tune only those stations with sufficiently strong signals, such as for example local stations.

EON (Enhanced Other Network)

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

Fader

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

Hicut (treble reduction)

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

Loudness

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

Mix

This function is used to randomly select a Compact Disc among those present in the CD Changer and all the tracks on this Compact Disc are played in random sequence.

Mute

This function enables to mute the active source. This function is activated automatically, if a cell phone is connected to the radio, when a phone call is being received.

Presettings

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

PTY (Program Type)

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

RDS (Radio Data System)

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

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

REG (Regional transmission reception function)

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

Repeat (Repetition of the track)

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

Scan

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

Scrolling

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

PLL tuning

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

Soft Mute

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

Sound Flavour

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

SVC

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

TA (Traffic information)

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

TPM (Track Program Memory)

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

Treble (Treble tones)

This adjusts the treble tones.

OPERATION

CONTROLS ON STEERING WHEEL (where provided)

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

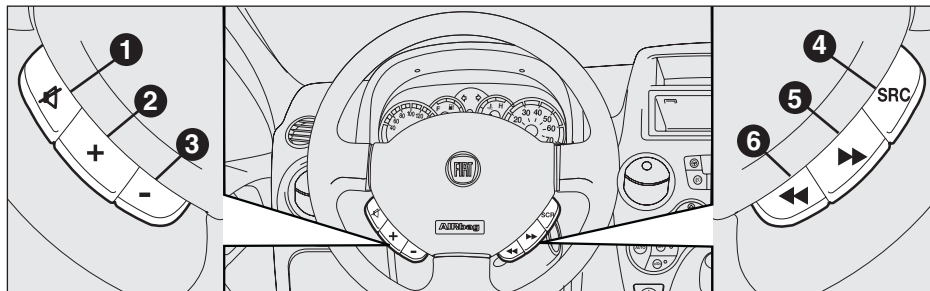
- (1) Mute function button;
- (2) Volume increase button;
- (3) Volume decrease button;
- (4) Radio frequency range select button (FM1, FM2, FMT, MW, LW) and available listening sources (Radio - Compact Disc - CD Changer).

(5) Multifunction button:

- Radio: call preset stations (from 1 to 6);
- Compact Disc player: search next track;
- CD Changer: select next track.

(6) Multifunction button:

- Radio: call preset stations (from 6 to 1);
- Compact Disc player: search previous track;
- CD Changer: select previous track.



F0G0741m

Volume adjustment/Mute function buttons

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

Radio frequency and sound source select button

To cyclically select the radio frequencies and sound sources, briefly and repeatedly press button (4).

The frequencies/sources available are: FM1, FM2, FMT, MW, LW, CD (*), CDC (**).

(*) Only if the CD is inserted.

(**) Only if the CD Changer is connected.

Multifunction buttons (5) and (6)

The multifunction buttons (5) and (6) call the preset radio stations or select the next/previous track when listening to a Compact Disc.

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

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

FUNCTIONS AND ADJUSTMENTS

Switching on

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

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

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

Turning the radio off

Keep button/knob 18 (VOLUME ON/OFF) pressed.

Selecting Radio/Compact Disc/CD Changer

Pressing briefly and repeatedly button 1 (SOURCE-SCAN) it is possible to select the following functions in sequence:

- TUNER (Radio);
- CD (Compact Disc) (only if the Compact Disc is inserted);
- CHANGER (CD Changer) (only if the CD Changer is connected).

After each change of the listening source, the display shows the function selected: TUNER, CD or CHANGER for about 2.5 seconds. The set will then start playing.

The functions that cannot be selected (e.g.: “CD” when the compact disc is not inserted) are automatically disabled. If CD is not inserted or the CD Changer is not connected, pressing button 1 (SOURCE-SCAN) the display shows the message “NO SOURCE AVAILABLE” for about 2.5 seconds; then the radio will set automatically to “TUNER” (Radio).

Pause function

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

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

Volume adjustment

Volume level can be adjusted from min. (“VOLUME 0”) to max. (“VOLUME 66”).

Adjust volume through button/knob 18 (VOLUME ON/OFF).

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

If the volume level is changed during the broadcast of a traffic bulletin or during use of the phone (if the voice feature is installed), the new setting is maintained only until the end of the bulletin or phone call.

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

SVC function (volume changing with speed)

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

To activate the SVC function briefly press button 11 (MENU-PRESET SCAN), then use buttons 6 (▲) or (▼) to scroll the menu stopping on the SVC function and buttons 5 (◀◀) or (▶▶) to switch the function on or off selecting respectively “SVC SETTING ON” or “SVC SETTING OFF”.

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

After about 4 seconds from the last adjustment the display returns to the main radio screen.

Mute function (turning off the volume completely)

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

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

With the Mute function on:

- all the other functions can be used;
- turning the button/knob 18 (VOLUME ON/OFF) the volume can be directly adjusted;
- if an emergency alarm or a traffic bulletin arrives with the TA function on, the message ignores the Mute function;
- an incoming call ignores the Mute function. The Mute function will be resumed at the end of the call;
- if with TA function on, the radio does not broadcast traffic info, a warning beep will sound.

Soft Mute function

When the Mute function is turned on or off, the volume lowers or increases gradually (Soft Mute function). The Soft Mute function is also activated when one of the six preselection buttons, the 12 button (BAND-AUTOSTORE) or the 18 button (ON/OFF VOLUME) is pressed.

Tone adjustment (bass/treble)

Proceed as follows:

- briefly and repeatedly press the 8 (AUDIO-LOUDNESS) button until the display shows “BASS” or “TREBLE”;
- press 6 (▲) or (▼) to increase/decrease the basses or trebles.

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

The bass/treble levels (–6 to +6) will appear on the display for approximately 4 seconds.

After about 4 seconds from the last adjustment the display returns to the main radio screen.

Balance adjustment

Proceed as follows:

- briefly and repeatedly press the 8 (AUDIO-LOUDNESS) button until the display shows “BALANCE” (select Balance function);
- press button 6 (▲) to increase the sound from the right speakers or button 6 (▼) to increase the sound from the left speakers.

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

Fader adjustment

Proceed as follows:

- briefly and repeatedly press the 8 (AUDIO-LOUDNESS) button until the display shows “FADER” (select Fader function);
- press button 6 (▲) to increase the sound from the rear speakers or button 6 (▼) to increase the sound from the front speakers.

Pressing the buttons briefly the change is gradual by steps. Pressing longer, changing is faster. For few seconds the display shows the levels of fader from REAR+9 to FRONT+9 (REAR = rear speakers, FRONT = front speakers).

Select "CENTER" to set at the same value the front and rear outputs.

NOTE Audio adjustments (Bass, Treble, Fader, Balance) will deactivate in the following cases (after having performed the required adjustments, values will be stored):

- after about 4 seconds from last adjustment;
- pressing button 8 (AUDIO LOUDNESS) again;
- adjusting or deactivating a function requiring info display;
- activating a new function (e.g.: TA, Tel Mute or inserting a CD).

IMPORTANT On versions not fitted with rear speakers, the Fader function shall be set to "F" (front) to avoid sound system output power reduction and volume muting if Fader is set to = R+9.

Loudness function

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

To switch the function on/off, keep button 8 (AUDIO-LOUDNESS) pressed until hearing the "beep". The function condition (on or off) is shown on the display for few seconds by "LOUDNESS ON" or "LOUDNESS OFF".

TELEPHONE PROVISION (where provided)

If the vehicle is equipped with a free-hands kit, the car radio volume control is connected, when a telephone call is received, to the telephone input, thus preventing listening to the tuned station or the CD. The telephone sound is always received to a set volume; yet, it can be adjusted during conversation, by means of button/knob 18 (VOLUME ON/OFF).

The fixed telephone volume can be adjusted through the "PHONE" function of the menu (see paragraph "MENU").

The only buttons active during phone calls are:

- 18 (VOLUME ON/OFF): radio on/off and volume adjustment;
- 14 (AF-TA): traffic information.

While the sound is off for a phone call, the display shows the word “PHONE”.

During a telephone call, all functions, except for AutoStore and Search (operating mode selection) are disabled.

The sound of the phone call will be interrupted in the case of transmission of a traffic bulletin or a PTY31 announcement; if wishing to interrupt the bulletin press button 14 (AF-TA).

With sound system on and engine off (ignition key to STOP), the sound system will not turn off during a phone call but it will turn off automatically at the end of the conversation.

RADIO (Tuner)

When the set 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 a Compact Disc, press briefly and repeatedly button 1 (SOURCE-SCAN) until this function is selected.

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

Selecting the frequency band

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

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

The last station selected in the respective frequency band will be tuned specially if the station is not stored on the presetting buttons.

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

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

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

Presetting buttons

The buttons with symbols from 1 to 6 (“16”, “15”, “13”, “10”, “7”, “9”) make it possible to set the following presettings:

- 18 in the FM band (6 in FM1, 6 in FM2, 6 in FMT);
- 6 in the MW band;
- 6 in the LW band;
- 6 types of PTY programming (only in the FM mode when PTY is selected).

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

If the PI code (Program Index) can no longer receive at the frequency allocated to a preset button, the radio will start searching this PI on another frequency as soon as the car leaves the area covered by the previous frequency. The display will show “SEARCH”.

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

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

Storing the last station heard

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

Automatic tuning

Briefly press button 6 (▲) or (▼) to start automatically searching the tuning for the next station that it is possible to receive in the direction chosen.

If button 6 (▲) or (▼) is pressed for longer, quick searching takes place: upon having tuned in to the first well receivable station, the tuner stops for about 1 second (in Mute) before quick searching continues. When the button is released, the tuner stops on the next receivable station.

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

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

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

Manual tuning

This allows manual station searching in the chosen band.

Proceed as follows:

- Select the band with button 12 (BAND-AUTOSTORE): FM1, FM2, FMT, MW or LW;
- Press briefly and repeatedly button 5 (◀◀) or (▶▶) to start searching in the chosen band. Pressing one of the buttons 5 (◀◀) or (▶▶) longer obtains fast forward searching, which is stopped when the button is released.

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

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

Scan function (station scanning)

Keeping button 1 (SOURCE-SCAN) pressed until the “beep” starts scanning the stations in the frequency band selected (FM, MW, LW). Each station found will be heard for a few seconds and the name and frequency will flash on the display.

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

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

When the Scan function is on, all the other functions are cancelled. With Scan function on, the display shows the word “TUNER-FM SCAN”.

The Scan function is interrupted in the following cases:

- pressing again button 1 (SOURCE-SCAN);
- pressing button 6 (▲) or (▼) (manual or automatic tuning starts);
- pressing a preset button;
- turning AutoStore on;
- turning PTY on/off;
- changing the chosen frequency band;
- pressing button 11 (MENU-PRESET SCAN) or 8 (AUDIO-LOUDNESS);
- when a station is found that is broadcasting a traffic bulletin, if the TA is on;
- inserting a Compact Disc.

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

Scanning preset stations

Keep button 11 (MENU-PRESET SCAN) pressed to start scanning the preset stations in the present frequency band:

- FM: FMI 1, FMI 2, ... FMI 6, FM2 1, FM2 2, ... FM2 6, FMT 1, FMT 2, ...FMT 6;
- MW: MW 1, MW 2, ..., MW 6;
- LW: LW 1, LW 2, ...LW 6.

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

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

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

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

The Scan function is interrupted in the following cases:

- pressing again button 11 (MENU-PRESET SCAN);
- pressing button 6 (▲) or (▼) (manual or automatic tuning starts);
- pressing a preset button;
- turning AutoSTore on;
- turning PTY on/off;
- changing the listening source (CD, CD Changer);
- changing the FM level or frequency band selected;
- pressing button 8 (AUDIO-LOUDNESS);
- when a station is found that is broadcasting a traffic bulletin, if the TA is on;
- inserting a Compact Disc.

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

Manual station storage

The station being heard can be stored in the range selected with buttons (“16”, “15”, “13”, “7”, “10”, “9”) numbered from 1 to 6.

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

AutoStore function (automatic station storage)

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

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

If the TA function is on (traffic information), only the stations that send traffic information will be stored. This function may also be turned on when listening to a Compact Disc, CD Changer (if installed) or in Telephone mode.

During automatic storage the display shows “FM AST”. To interrupt AutoStore press button 12 (BAND-AUTOSTORE) again: the radio will automatically tune to the station heard before activation of the AutoStore function.

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

On buttons (“16”, “15”, “13”, “7”, “10”, “9”) numbered from 1 to 6, the stations are automatically stored that give a strong signal in that moment in the present band.

The behaviour of the set during AutoStore is as follows:

- at the beginning of the AutoStore function all the other functions are disabled;
- pressing one of the radio function buttons, e.g.: 17 (PTY), 6 (N), 5 (◀◀), 6 (▼), 5 (▶▶), (7), (9), (10), (13), (15), (16) the automatic storage process is interrupted, the last station heard before AutoStore was turned on is tuned and the function associated with the button pressed is run;
- pressing button 14 (AF-TA) during AutoStore will interrupt it, the TA function (traffic information) will be turned on/off and a new automatic storage process will be started;
- changing the listening source (Radio, Compact Disc, CD Changer) during automatic storage will not interrupt the AutoStore function.

Activating the AutoStore function in MW or LW bands will automatically select the FMT band where the function is then run.

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

Listening to stored stations

Proceed as follows:

- select the required frequency band (FM, MW, LW);
- briefly press one of the six station storage buttons.

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

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

AF function (alternative frequency search)

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

- “AF ON”: alternative frequency search on (the display shows “AF”);
- “AF OFF”: alternative frequency search off.

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

- with “AF ON” the RDS system activates automatic tuning of the optimum frequency of the station chosen, with the stations enabled, therefore the radio is automatically tuned to the station with the strongest signal that is broadcasting the same programme. During the journey it will thus be possible to continue listening to the station chosen without having to change the frequency when changing area. Of course, the station being listened to must be receivable in the area the car is crossing;
- With “AF OFF” the radio will not tune the strongest station automatically and it will have to be found manually using the tuner buttons.

To turn the AF function on/off, keep button I4 (AF-TA) pressed until hearing the beep. The name RDS (if available) stays on the display and if the AF function has been turned on the symbol “AF” is shown.

If the radio is working in the AM band, when button I4 (AF-TA) is pressed, it passes to the FM1 band on the last station selected.

TA function (traffic information)

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

To turn the TA (traffic information) function on/off, briefly press button I4 (AF-TA).

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

- TA and TP: if tuned to a station that sends traffic information and the traffic information function is on;
- TP: if tuned to a station that sends traffic information but the traffic information function is off;
- TA (*): the traffic information function is on but the radio is tuned to a station that does not give traffic information;
- TA and TP not shown on the display: the radio is tuned to a station that does not give traffic information and the traffic information function is off.

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

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

- 1) to search only RDS stations that transmit in the FM band, enabled to broadcast traffic information;
- 2) to receive traffic information even if the CD player or CD Changer is in use;
- 3) to receive traffic information at a predefined minimum volume even with the radio volume off.

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

1) To receive stations enabled to broadcast traffic information:

- select band FMI, FM2 or FMT;
- briefly press button I4 (AF-TA) so that the display shows "TA";

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

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

If the CD player is already working and at the same time you want to receive traffic information, briefly pressing button I4 (AF-TA) the radio tunes to the last station heard in the FM band, the TA function is activated and the traffic messages are transmitted. If the station selected does not send traffic information, the search for an enabled station starts automatically.

If wishing to interrupt the traffic information message, briefly press button I4 (AF-TA) during transmission of the message.

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

- turn on the TA function briefly pressing button 14 (AF-TA) so that the display shows “TA”;
- tune to a station enabled to transmit traffic information so that the display shows “TP” and turn the volume to zero by turning the button/knob 18 (VOLUME ON/OFF).

This way, if that station broadcasts traffic information, this will be heard at a minimum predefined volume.

IMPORTANT In certain countries radio stations exist which, even if the TP function is on (the display shows “TP”), do not transmit traffic information.

If the radio is working in the AM band, when button 14 (AF-TA) is pressed, it passes to the FMI band on the last station heard. If the station selected does not broadcast traffic information the search for an enabled station starts automatically.

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

- listening volume below 20: traffic bulletin volume = 20 (fixed value);
- listening volume above 20: same traffic bulletin volume as the listening volume + 1.

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

If the volume is changed during a traffic bulletin, depending on the active audio source the following cases may take place:

- Radio on: a “beep” is given every 30 seconds;
- Compact Disc, CD Changer (if installed), Telephone or Mute on: a “beep” is given and the search for an enabled station will start.

During a traffic bulletin it is possible to turn on sound adjustment and the radio menu by pressing respectively buttons 11 (MENU-PRESET SCAN) or 8 (AUDIO-LOUDNESS).

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

- if listening to a Compact Disc another station is sought that is enabled to transmit traffic information;
- if when listening to the radio a “beep” is given to alert that it is not possible to receive traffic information, to interrupt it, it is necessary to tune to a station that can provide traffic information or switch off the TA function.

The TA function is interrupted in the following cases:

- in radio mode: press a preset button during a traffic bulletin;
- pressing button 1 (SOURCE-SCAN) during a traffic bulletin;
- by automatic/manual tuning or AutoStore;
- turning the Mute function on.

Emergency alarm reception

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

This function is activated automatically and cannot be deactivated.

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

To turn on the PTY function, which makes it possible to give top priority to PTY programmes, when present, which may involve emergency messages or various topics (e.g.: music, news bulletins), briefly press button 17 (PTY) until the display shows “PTY” and the subject of the last station heard (e.g.: “NEWS”).

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

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

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

The list of the various subjects comprises:

NEWS News and magazine

CURRENT AFFAIRS Politics and news

INFORMATION Special information programmes

SPORT Sport programmes

EDUCATION Education

DRAMA Radio dramas and literature

CULTURES Culture

SCIENCE Science

VARIED SPEECH Variety

POP MUSIC Pop

ROCK MUSIC Rock

EASY LISTENING MUSIC Easy music

LIGHT CLASSIC MUSIC Light classic music

SERIOUS CLASSICS Classic music

OTHER MUSIC Other music

WEATHER & METR Weather report

FINANCE Finance news

CHILDREN PROGRAMMES Child's programmes

SOCIAL AFFAIR Social information

RELIGION Religion and philosophy

PHONE IN Listener's calls (other than "Phone In"
function active only with handsfree kit
connection for cell phone)

TRAVEL & TOURING Tourist's information

LEISURE & HOBBY Free time and hobbies

JAZZ MUSIC Jazz

COUNTRY MUSIC Country music

NATIONAL MUSIC National broadcasting

OLDIES MUSIC Golden Oldies

FOLK MUSIC Folk music

DOCUMENTARY Special reports

To change the type of PTY proceed as follows:

□ press one of the 6 preset buttons;

or

□ press buttons 5 (◀◀) or (▶▶).

If the display shows the station frequency or name instead of the type of programme, pressing 5 (◀◀) or (▶▶) the current type of programme will be displayed.

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

If no station is available with this type of programme the system sounds a “beep”, the station selected previously is heard and for 2 seconds the display shows the wording “CHOSEN PTY NOT FOUND”.

To turn the PTY function off, briefly press button 17 (PTY) again: the display will show the last information (frequency, etc...) active before the PTY function.

Controlling the station's type of PTY programme

To know the type of PTY programme of the station heard, keep button 17 (PTY) pressed until a “beep” is heard. After the “beep” the display will show the type of programme (see previous paragraph) offered by the station tuned. If the station has no PTY code, the display will show the wording “NO-PTY PROVIDE”. After a few seconds the display will again show the RDS name or frequency of the station tuned.

EON function (Enhanced Other Network)

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

Scrolling transmissions

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

To activate this function keep button 14 (AF-TA) pressed to activate the AF function. The scrolling may begin pressing button 5 (◀◀) or (▶▶).

All stations previously received (at least once) will be stored with the corresponding PI code. With this function on, radio stations can be tuned forward/backward by pressing button 5 (◀◀) or (▶▶).

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

Stereophonic stations

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

MENU

Functions of button 11 (MENU-PRESET SCAN)

To activate the menu function, briefly press button 11 (MENU-PRESET SCAN). The display shows the word "MENU".

To scroll the menu functions use buttons 6 (▲) or (▼). To turn on/off the function selected, use buttons 5 (◀◀) or (▶▶).

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

The functions controlled by the menu are the following:

- USER EQ SETTING (equalizer setting, only if the equalizer is on);
- PRESET/USER/CLASSIC/ROCK/JAZZ (turning on/off and choosing predefined equalizer adjustments);
- REGIONAL MODE (regional programmes);
- CD DISPLAY (CD data display);
- CDC DISPLAY (CD Changer data display, if installed);
- SENSITIVITY (tuning sensitivity);

- SVC SETTING (automatic volume control in relation to speed);
- CD NAMING FUNCTION (for allocating names to CDs, only with CD inserted and being played);
- PHONE SETTING (Telephone volume, if installed);
- HICUT FUNCTION (Treble reduction);
- IGNITION TIMER (System power off mode);

To exit the menu function, press button II (MENU-PRESET SCAN) again.

PRESET/USER/CLASSIC/ROCK/JAZZ function (equalizer on/off)

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

To turn the equalizer off, select “PRESET” with button 6 (▲) or (▼).

To turn the equalizer on, select one of the following with button 6 (▲) or (▼):

- “USER” (adjustment of the 7 equalizer bands that can be changed by the user);
- “CLASSIC” (predefined equalizer adjustment for best playing of classic music);

- “ROCK” (predefined equalizer adjustment for best playing of rock and pop);
- “JAZZ” (predefined equalizer adjustment for best playing of jazz).

After selecting the last adjustment set in the Menu using buttons 6 (▲) or (▼) use button 5 (◀◀) or (▶▶) to change it.

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

USER EQ SETTINGS function (equalizer settings only if USER is selected)

To set a personal equalizer adjustment, use button 6 (▲) or (▼) to select “USER EQ SETTINGS”.

To change the equalizer settings, use button 5 (◀◀) or (▶▶).

The display shows a graph with 7 bars, where each bar represents a frequency for the left or right channel. Choose the bar to be adjusted using button 5 (◀◀) or (▶▶); the bar chosen starts to flash and it is possible to adjust it using button 6 (▲) or (▼).

To store the new settings, press button II (MENU-PRESET SCAN) again. The display still shows “USER EQ SETTINGS”.

REGIONAL MODE function (regional broadcast reception)

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

To turn the function on/off use button 5 (◀◀) or (▶▶).

The display will show the current status of the function:

- "REGIONAL MODE: ON": function on;
- "REGIONAL MODE: OFF": function off.

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

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

CD DISPLAY function (Compact Disc data display)

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

After choosing "CD" in the menu using buttons 6 (▲) or (▼), the display shows "CD DISPLAY". To change the setting use buttons 5 (◀◀) or (▶▶).

The display shows the setting among the two possible:

- "TIME" (time elapsed from start of track);
- "NAME" (CD name).

CDC DISPLAY function (CD Changer data display) (if installed)

This function can be chosen only if a CD Changer is connected. In this case the display will show "CDC DISPLAY".

To change the function use buttons 5 (◀◀) or (▶▶).

The display shows the setting among the three possible:

- "TIME" (time elapsed from start of track);
- "CD NR" (CD number);
- "NAME" (CD name).

SENSITIVITY function (tuner sensitivity adjustment)

With this function it is possible to change the sensitivity of automatic station searching. When low sensitivity “SENSITIVITY LOCAL” is set only stations with excellent reception are sought; when high sensitivity “SENSITIVITY DISTANCE” is set 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”.

To set the sensitivity, use button 5 (◀◀) or (▶▶). The display will show the current status of the function:

- “SENSITIVITY: LOCAL”: low sensitivity;
- “SENSITIVITY: DISTANCE”: high sensitivity.

SVC SETTING function (volume changing with speed)

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

To turn the function on/off use button 5 (◀◀) or (▶▶). The display will show the current status of the function:

- “SVC SETTING: ON”: function on;
- “SVC SETTING: OFF”: function off.

CD NAMING function (allocating a name to a CD)

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

This function can be selected only in Compact Disc or CD Changer mode. To turn this function on, use button 5 (◀◀) or (▶▶): the display shows “CD NAMING FUNCTION”. If the CD already has a name, this will be shown on the display, if not, eight dashes will be shown. If storage is no longer available for a new name, the display will show the first name stored.

To change the name or give a name to the new CD press button 5 (◀◀) or (▶▶). Press the buttons again to choose the position of the character to be changed. Press buttons 6 (▲) or (▼) to choose or change the character.

To store the name, press button 11 (MENU-PRESET SCAN) again. The display will show “CD NAMING”.

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

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

PHONE SETTING function (telephone volume adjustment)

With this function it is possible to adjust (setting from 1 to 66) or cut off (OFF setting) the telephone sound.

To turn the function on/off use button 5 (◀◀) or (▶▶).

To adjust, turn the button/knob 18 (VOLUME ON/OFF).

The display will show the current status of the function:

- “PHONE FUNCTION”: function on;
- “PHONE VOLUME: 23”: function on with volume setting 23;
- “OFF”: function off.

HICUT function (treble reduction)

Using this function it is possible to reduce the treble tones, in accordance with the signal transmitted. To turn the function on/off use button 5 (◀◀) or (▶▶).

The display will show the current status of the function:

- “HICUT FUNCTION: ON”: function on;
- “HICUT FUNCTION: OFF”: function off.

IGNITION TIMER function (switching on/off mode) (where provided)

This function allows you to set the radio switch-off mode between two different type of behaviour. To actuate the function, use button 5 (◀◀) or (▶▶).

The display will indicate the selected mode:

- “00 MIN”: switch-off depends on the ignition key; the radio will automatically turn off when the key is brought to the STOP position;
- “20 MIN”: switch-off does not depend on the ignition key; the radio remains ON for a maximum time of 20 minutes after positioning the key to the STOP position.

IMPORTANT If the radio turns off automatically after positioning the key to STOP (for immediate switch-off or delayed switch-off after 20 minutes), it will turn on automatically by turning the key to MAR. On the contrary, if the radio is turned off by means of button 18 (ON/OFF VOLUME), it will remain OFF if the key is turned to MAR position.

COMPACT DISC PLAYER

Selecting the Compact Disc player

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

- insert a CD (if the set is off, the CD player will turn on automatically): the first track will be played;
- or
- if a CD is already inserted, turn the set on and press briefly and repeatedly button 1 (SOURCE-SCAN) to select “CD”: the last heard track will be played.

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

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

Inserting/ejecting a CD

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

Press button 4 (▲), with the device on, to operate the powered CD eject system. After ejection, the source heard before playing the CD will return (only if the device is on).

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

CD cannot be ejected if the device is off.

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

Possible error messages

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

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

Display information

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

“T05”: shows the number of the track on the CD;

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

“XXXXXXXX”: shows the name allocated to the CD.

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

Select track (forward/backward)

Briefly press button 5 (◀◀ >) to play the previous track and button 5 (▶▶) to play the next one. Tracks are played in sequence: after the last track, the first one will be played and vice versa.

If playing the track started more than 3 seconds ago, pressing briefly button 5 (◀◀) the track is played again from the start. In this case if wanting to play the previous track, press the button twice consecutively.

Fast forward/backward

Keep button 5 (▶▶) pressed to move the track selected forward at high speed and keep button 5 (◀◀) pressed to move it quickly backward. Fast forward/backward is stopped once the button is released.

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

Pause function

To pause the CD player, press button 13 (3-II). The display will show "PAUSE".

To resume playing the track, press button 13 (3-II) again.

The pause function is deactivated changing the sound source.

Scan function (scanning CD tracks)

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

Keep button 1 (SOURCE-SCAN), pressed until hearing the "beep" to play the first 10 seconds of every track on the CD. While playing the display will alternately show for about 2 seconds, the CD function chosen (CD time, name or number) and the word "SCAN". If the Scan function is on, the Repeat and Mix functions are turned off.

The scanning sequence is the following:

- from the track being played to the last CD track;
- from the first track up to the last one on the CD (after playing the last track, scanning will restart from the first track, and so on).

The Scan function is interrupted in the following cases:

- pressing button 1 (SOURCE-SCAN) again to continue listening to the track being played;

- pressing button 6 (▲) or (▼);
- pressing a preset button (from 1 to 6);
- turning the Mute function on;
- changing the sound source;
- pressing button 1 (SOURCE-SCAN), 11 (MENU-PRESET SCAN) or 18 (AUDIO-LOUDNESS);
- if the TA function is on and the station selected is broadcasting a traffic bulletin.

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

Repeat function (track repeat)

Press button 10 (4-RPT) to listen repeatedly to the last track played: for about 2 seconds the display shows "REPEAT TRACK".

Press button 10 (4-RPT) again to turn the Repeat function off: for about 2 seconds the display shows "REPEAT OFF".

After repeating a track the display shows for about 2 seconds "REPEAT TRACK".

Changing the sound source, the function is turned off.

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

Mix function (random track playing)

To start random playing of tracks on the Compact Disc selected, press button 9 (5-MIX). A new track will be played and for about 2 seconds the display will show "MIX CD".

Press button 9 (5-MIX) again to turn the function off: for about 2 seconds the display will show "MIX OFF".

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

After playing a track the display shows for about 2 seconds "MIX CD".

Changing the sound source, the function is turned off.

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

TPM function (CD playing sequence storage)

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

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

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

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

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

CLR function (clearing CD track storage)

With the CLR (Clear) function it is possible:

- to clear only one or all CD tracks stored with the TPM function.
- to clear the tracks stored with the TPM function from all the CDs contained in the CD Changer.

To clear one track, select it with buttons 5 (◀◀) or (▶▶) when the TPM function is on, then keep button 15 (2-CLR) pressed for about 3 seconds. The TPM function is turned off, a beep is heard and the display shows "ONE TRACK DELETED".

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

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

CD CHANGER (CDC) (where provided)

CD Changer (multiple Compact Disc player) for 5 discs, to be located in the glove compartment, is available upon request.

Selecting the CD Changer

Turn on the set, then press briefly button 1 (SOURCE-SCAN) to select the “CHANGER” function.

Inserting/ejecting a CD

To insert CDs into the CD Changer: insert gently a CD with the label upwards into the CD Changer compartment and push it gently to the stop. The powered loading system will position it correctly.

To eject CDs from the CD Changer: keep pressed the button with the number corresponding to the CD to be ejected, set near the CD compartment.

Possible error messages

Error messages will be displayed in the following cases:

- no CD in the CD Changer: the display will show “CD ERROR” until changing the sound source;
- selected CD is illegible (CD not in the selected position or CD not inserted properly): the display shows “CD ERROR” after the number of the selected CD for about 2 seconds. The next CD will be selected; if there are no other CDs or if they are also illegible the display will show the wording “NO CD” until the sound source is changed;
- error in CD reading: the display shows “CD ERROR” for about 2 seconds. The next CD will be selected; if there are no other CDs in the CD Changer (after the last CD search will restart from the first one) or if they are also illegible the display will show the wording “NO CD” until the sound source is changed;
- a CD-ROM is inserted: next CD will be selected.

Display information

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

- “T05”: shows the number of the track on the CD;
- “03:42”: shows the time elapsed since the start of the track (if the corresponding Menu function is on);
- “CD 04”: the number of the CD in the loader.
- “XXXXXXXX”: shows the name allocated to the CD.

Choosing the CD

Press button 6 (▲) to select the next CD and button 6 (▼) to select the previous CD. If in the menu the CD time display function was selected, this will be replaced for about 2 seconds by the CD number.

If the loader does not contain a disc in the position selected, the display briefly shows the wording “NO CD”, and the next CD is played automatically.

Select track (forward/backward)

Briefly press button 5 (◀◀) to play the previous track of the CD chosen and button 5 (▶▶) to play the next one. Tracks are played in sequence: after the last track, the first one will be played and vice versa.

To select tracks continuously, keep the button pressed.

If playing the track started more than 3 seconds ago, pressing briefly button 5 (÷) the track is played again from the start. In this case if wanting to play the previous track, press the button twice consecutively.

Fast forward/backward

Keep button 5 (◀◀) pressed to move the track selected backward at high speed and keep button 5 (▶▶) pressed to move it quickly forward. Fast forward/backward is stopped once the button is released.

If the CD number or CD name display function was selected in the menu, this will be replaced for about 2 seconds by the CD time display function.

Pause function

To pause the CD Changer, press briefly button 13 (3-II). The display will show "PAUSE".

To resume playing the track, press button 13 (3-II) again.

The pause function is automatically cancelled changing the sound source.

Scan function (scanning CD tracks)

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

Keep button 1 (SOURCE-SCAN), pressed until hearing the "beep" to play the first 10 seconds of every track on the CD. While playing the display will alternately show for about 2 seconds, the CD function chosen (CD time, name or number) and the word "SCAN". If the Scan function is on, the Repeat and Mix functions are turned off.

The scanning sequence is the following:

- from the track played up to the last of the tracks on the CD;
- next CD is selected and scanning from first to last CD track is performed (valid also for all the other CDs in the CD Changer).
- after scanning the last CD in the CD Changer, the first one will be played again.

The Scan function is interrupted in the following cases:

- pressing button 1 (SOURCE-SCAN) again to continue listening to the track being played;
- pressing button 6 (▲) or (▼) (in CD Changer mode, pressing these buttons together will select another CD);
- pressing a preset button (from 1 to 5);
- turning the Mute function on;
- changing the sound source;
- pressing button 11 (MENU-PRESET SCAN) or 8 (AUDIO-LOUDNESS);
- if the TA function is on and the station selected is broadcasting a traffic bulletin.

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

Repeat function (track repeat)

Press button 10 (4-RPT) to listen repeatedly to the last track played: for about 2 seconds the display shows "REPEAT TRACK".

Press button 10 (4-RPT) again to listen repeatedly to the selected CD: for about 2 seconds the display shows "REPEAT CD".

Press button 10 (4-RPT) again to turn the Repeat function off: for about 2 seconds the display shows "REPEAT OFF".

After repeating a track the display shows for about 2 seconds "REPEAT TRACK" or "REPEAT CD".

Changing the sound source, the function is turned off.

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

Mix function (random track playing)

To start random playing of tracks on the Compact Disc selected, press button 9 (5-MIX). A new track will be played and for about 2 seconds the display will show "MIX CD".

Press button 9 (5-MIX) again to start random playing of a CD in the CD Changer: for about 2 seconds the display will show "MIX MAGAZINE".

Press button 9 (5-MIX) again to turn the function off: for about 2 seconds the display will show "MIX OFF".

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

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

Changing the sound source, the function is turned off.

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

TPM function (CD playing sequence storage)

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

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

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

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

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

CLR function (clearing CD track storage)

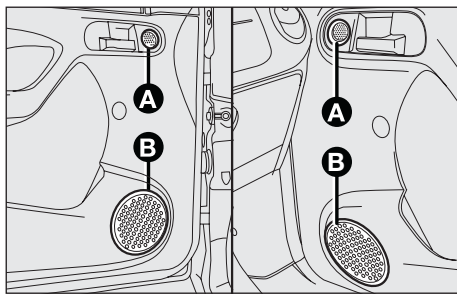
With the CLR (Clear) function it is possible:

- to clear only one or all CD tracks stored with the TPM function;
- to clear the tracks stored with the TPM function from all the CDs contained in the CD Changer.

To clear one track, select it with buttons 5 (◀◀) or (▶▶) when the TPM function is on, then keep button 15 (2-CLR) pressed for about 3 seconds. The TPM function is turned off, a beep is heard and the display shows "ONE TRACK DELETED".

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

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



F0G0509m

TECHNICAL INFORMATION

Radio

Maximum power: 4x40W.

Speakers

The standard system includes:

- two front full-range speakers (B) with a diameter of 165 mm and 40 W power;
- two rear full-range speakers with a diameter of 130 mm and 35W power.

HiFi system (optional):

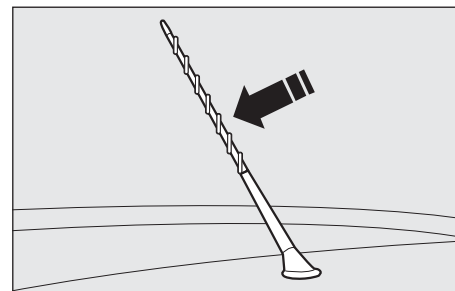
- two front tweeters (A) and two woofers (B) with 40 W max. power;
- two rear full-range speakers, 40 W max. power;
- one 100 W subwoofer located under the right seat.

CD Changer (where provided)

The car can be fitted with a CD Changer for 5 CDs, set in the glove compartment.

Aerial

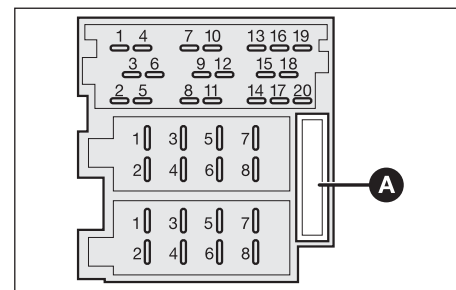
The aerial is located on the car roof.



FOG0508m

Protection fuse

The radio has a 10A fuse (A).

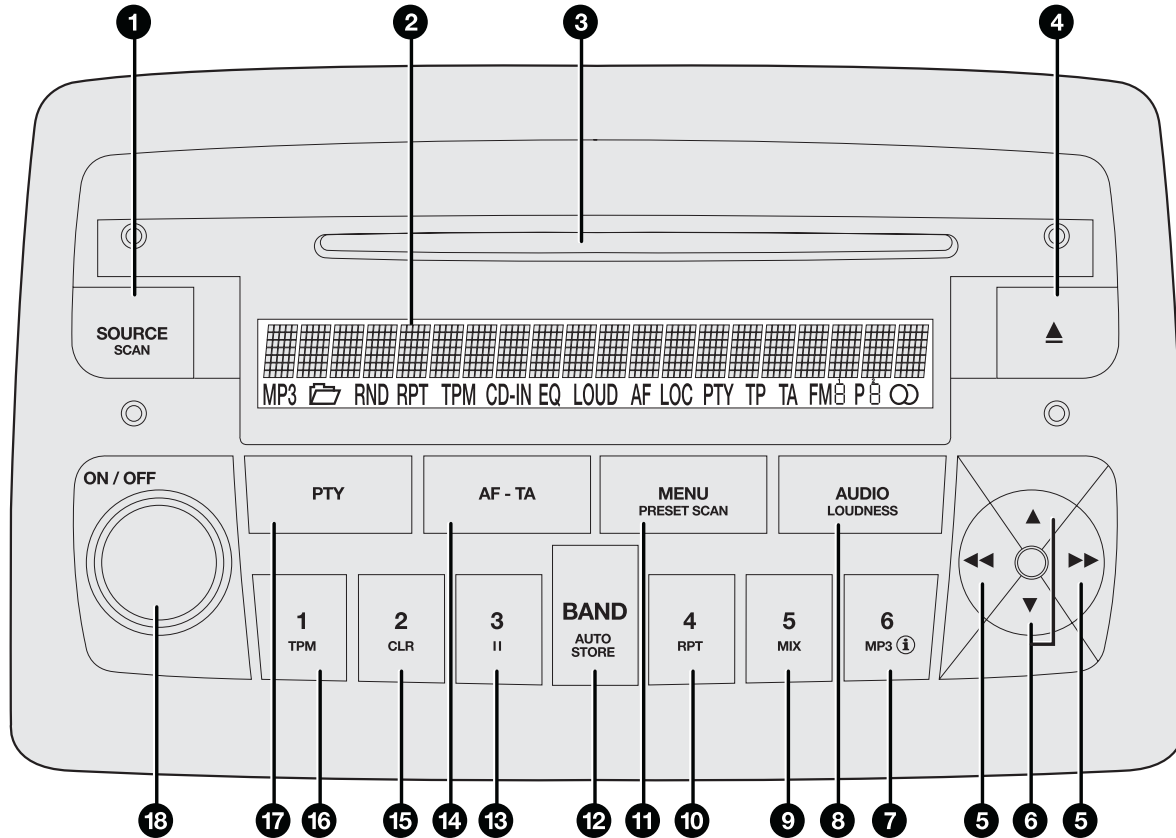


FOG0507m

RADIO WITH COMPACT DISC AND MP3 CD PLAYER

CONTROL DESCRIPTION

F0G0501m



RADIO WITH
TAPES PLAYER

RADIO WITH
COMPACT DISC PLAYER

RADIO WITH
COMPACT DISC AND MP3 CD PLAYER

Button	Buttons and front panel		RADIO mode	
	Letters or symbol	Function	Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
1	SOURCE-SCAN	Select audio source/Scan function	Select CD, CD Changer (if installed) or Radio	FM/AM station scan
2	Display			
3	Slot for CD			
4	▲	Eject CD	Eject CD	
5	◀◀	Manual station tuning	Manual station tuning TP: seek - PTY: seek - AF: seek -	Fast manual station tuning TP: seek - PTY: seek - AF: seek -
	▶▶		Manual station tuning TP: seek + PTY: seek + AF: seek +	Fast manual station tuning TP: seek + PTY: seek + AF: seek +
6	▲	Automatic station tuning	Automatic station tuning TP: seek + PTY: seek + AF: seek +	Fast automatic station tuning TP: seek + PTY: seek + AF: seek +
	▼		Automatic station tuning TP: seek - PTY: seek - AF: seek -	Fast automatic station tuning TP: seek - PTY: seek - AF: seek -
7	6-MP3 ●	Preset station 6 MP3 info function	FM/AM: call preset station 6	FM/AM: store preset station 6
8	AUDIO-LOUDNESS	Audio settings/Loudness	Bass (B) Treble (T) Fader (F) Balance (B)	Loudness on/off
9	5-MIX	Preset station 5/MIX function	FM/AM: call preset station 5	FM/AM: store preset station 5

CD/MP3 mode		CD Changer mode	
Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)	Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
Select CD, CD Changer (if installed) or Radio	Scan CD tracks	Select CD, CD Changer (if installed) or Radio	Scan CD Changer CDs
Eject CD		Eject CD	
Backward to track start/select previous track	Fast backward	Backward to track start/select previous track	Fast backward
Select next track	Fast forward	Select next track	Fast forward
Select next track	Select next track (continuous)	Select next CD	Select next CD (continuous)
Select previous directory	Select previous directory (continuous)	Select previous CD	Select previous CD (continuous)
Display selected directory data			
Bass (B) Treble (T) Fader (F) Balance (B)	Loudness on/off	Bass (B) Treble (T) Fader (F) Balance (B)	Loudness on/off
MIX function on/off		MIX function on/off	

RADIO WITH
TAPES PLAYER

RADIO WITH
COMPACT DISC PLAYER

RADIO WITH
COMPACT DISC AND MP3 CD PLAYER

Button	Buttons and front panel		RADIO mode	
	Letters or symbol	Function	Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
10	4-RPT	Preset station 4/REPEAT function	FM/AM: call preset station 4	FM/AM: store preset station 4
11	MENU-PRESET SCAN	Menu function/Scan function	Menu on/off	Scan preset stations
12	BAND-AUTOSTORE	Frequency band selection	FM1, FM2, FMT, MW, LW	Store automatically in FMT station range
13	3-II	Preset station 3/ Playing pause	FM/AM: call preset station 3	M/AM: store preset station 3
14	AF-TA	Alternative frequency (AF) /Traffic information (TA)	TA ON/OFF	AF ON/OFF
15	2-CLR	Preset station 2/CLR function (CD track storage clearing)	FM/AM: call preset station 2	FM/AM: store preset station 2
16	1-TPM	Preset station 1/TPM function (CD track sequence storing)	FM/AM: call preset station 1	FM/AM: store preset station 1
17	PTY	Programme Type	PTY ON/OFF	PTY: displays selected programme type
18	ON/OFF VOLUME	Radio on/off/Volume adjustment	With radio on: Audio Mute on/off With radio off: radio on Volume adjustment: turn leftwards: to decrease turn rightwards: to increase	With radio on: radio off With radio off: radio on

CD/MP3 mode		CD Changer mode	
Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)	Short-push function (less than 2 sec.)	Long-push function (over 2 sec.)
REPEAT function on/off		REPEAT function on/off	
Menu on/off		Menu on/off	
	Store automatically in FMT station range		Store automatically in FMT station range
CD playing pause on/off		CD playing pause on/off	
TA ON/OFF	AF ON/OFF	TA ON/OFF	AF ON/OFF
	Clear selected CD track storage		
TPM function on/off	Store required track		
PTY ON/OFF		PTY ON/OFF	

RADIO WITH
TAPES PLAYER

RADIO WITH
COMPACT DISC PLAYER

RADIO WITH
COMPACT DISC AND MP3 CD PLAYER

INTRODUCTION

This section only describes MP3 CD player operation variants: as concerns Radio, Compact Disc and CD Changer operation refer to section “Radio with Compact Disc player”.

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 in the previous section (“Radio with Compact Disc player”) when inserting a conventional audio CD.

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

MP3 CD is structured as follows:

- main directory with/without MP3 tracks;
- sub-directories of the main directory with/without “sub-directories” and/or MP3 tracks;
- “sub-directories” with/without other “sub-directories” and/or MP3 tracks;

See an example of a MP3 CD directory on next page.

Example:

1 Main directory
Track 1
Track n



2 Directory 1
Track 1
Track n



3 "Sub-directory" 1.1
Track 1
Track n



4 "Sub-directory" 1.n
Track 1
Track n



5 Directory 2



6 "Sub-directory" 2.1
Track 1
Track n



7 "Sub-directory" 2.n
Track 1
Track n



8 Directory 3
Track 1
Track n



9 "Sub-directory" 3.1



11 "Sub-directory" 3.n
Track 1
Track n



10 "Sub-directory"
3.1.1



12 Directory n
Track 1
Track n

Legend:

n = Directory number/track
→ = Directory structure

RADIO WITH
TAPES PLAYER

RADIO WITH
COMPACT DISC PLAYER

RADIO WITH
COMPACT DISC AND MP3 CD PLAYER

- main directory is always identified with number 1;
- the first directory is identified with number 2 and its “sub-directories” will be then identified with 3 and 4;
- the first directory is identified with number 5 and its “sub-directories” will be then identified with 6 and 7;
- this operation will be repeated for all the other directories.

To open directories containing MP3 tracks, press button 6 (▲) (select next directory) or (▼) (select previous directory).

Example: if you are in directory 1 (n. 2), next available directories will be as follows:

- main directory (n. 1) by pressing button 6 (▼);
- “sub-directory” 4 (n. 3) by pressing button 6 (▲).

Directories not containing MP3 tracks (e.g.: directory 2 (n. 5) and “sub-directory” 3.1 (n. 9) cannot be selected.

Example: if you are in directory 3 (n. 8), next available directories will be as follows:

- “sub-directory” 2.X (n. 7) by pressing button 6 (▼);
- “sub-directory” 3.1.1 (n. 10) by pressing button 6 (▲).

Technical data and operating conditions for MP3 files are as follows:

- adopted CD-ROM shall be mastered according to ISO9660 Standard;
- music files shall be renamed as “.mp3”: otherwise they cannot be played;
- sampling frequencies are: 44.1 kHz, stereo (96 to 320 kbit/s) - 22.05 kHz, mono or stereo (32 to 80 kbit/s);
- it is possible to play variable bit-rate tracks (files).

IMPORTANT Characters: blank, ‘ (apostrophe), (and) (open and closed brackets) are not admitted in MP3 track names. When sampling MP3 CD you must not use these characters to name files otherwise the sound system will not be able to play it.

Directory name display

The MP3 directory name shown on the display corresponds to the name with which the directory is stored on the CD, followed by an asterisk.

Example of full MP3 directory name: "BEST OF *".

Track name display

MP3 track can be named with the following two procedures:

- if the track selected has ID3-TAG, MP3 track is named as follows:
 - the first part of the track name corresponds to the track stored in ID3-TAG, followed by an asterisk;
 - the second part of the name identifies the name of the author stored in ID3-TAG, followed by an asterisk.
- If the selected track has no ID3-TAG, the track name (not named "MP3") corresponds to the file name with which the track is stored in the CD, followed by an asterisk (e.g.: "TITLE1*").

Select next/previous directory

Press button 6 (▲) to select the next directory or press 6 (▼) to select the previous one. The name of the new selected directory will be shown on the display.

Directories are selected in cyclic sequence: after the last directory the first one is selected and vice versa.

IMPORTANT It is only possible to select directories containing at least one track.

If no other directory/track is selected in the following 2 seconds, the first track in the new directory will be played.

If the last track in the currently selected directory is played, the next directory containing at least one track will then be played.

Display information

When a MP3 CD is inserted the display shows “MP3” and the following information which means:

- “T05”: shows the number of the track on the MP3 CD;
- “BEST OF”: shows the name given to the directory (if the relevant menu function is active);
- “XXXXXX”: shows the track name (if the relevant menu function is active);
- “03:42”: shows the time elapsed since the start of the track (if the corresponding Menu function is on);
- “BEST 01”: shows the MP3 CD name (if the corresponding Menu function is on).

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

Select track (forward/backward)

Briefly press button 5 (◀◀) to play the previous track and button 5 (▶▶) to play the next one. Tracks are played in sequence: after the last track, the first one will be played and vice versa.

If no other directory/track is selected in the following 2 seconds, the first track in the new directory will be played.

If playing the track started more than 3 seconds ago, pressing briefly button 5 (◀◀) the track is played again from the start. In this case if wanting to play the previous track, press the button twice consecutively.

Fast forward/backward

Keep button 5 (▶▶) pressed to move the track selected forward at high speed and keep button 5 (◀◀) pressed to move it quickly backward. Fast forward/backward is stopped once the button is released.

If the directory display function or CD or track name display function was selected in the menu, this will be replaced for about 2 seconds by the CD time display function.

Scan function (scanning MP3 CD tracks)

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

Keep button 1 (SOURCE-SCAN) pressed until hearing the “beep” to play the first 10 seconds of every track on the CD. While playing the display will alternately show for about 2 seconds, the CD function chosen (CD time, name or number) and the word “SCAN”. If the Scan function is on, the Repeat and Mix functions are turned off.

The scanning sequence is the following:

- from the track played up to the last of the tracks in the directory;
- changing directory and scanning tracks from start to end (and so on for every directory in the CD until the function is interrupted).

The Scan function is interrupted in the following cases:

- pressing button 1 (SOURCE-SCAN) again to continue listening to the track being played;
- pressing one of the buttons 6 (▲) or (▼) (in MP3 CD mode will select the previous/next directory);
- pressing a preset button (from 1 to 6);
- turning the Mute function on;
- changing the sound source;
- pressing button 1 (SOURCE-SCAN), 10 (MENU-PRESET SCAN) or 18 (AUDIO-LOUDNESS);
- if the TA function is on and the station selected is broadcasting a traffic bulletin.

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

Repeat function (track repeat)

Press button 10 (4-RPT) to listen repeatedly to the last track played: for about 2 seconds the display shows "REPEAT TR".

Press button 10 (4-RPT) again to repeat MP3 tracks in a directory: for about 2 seconds the display shows "REPEAT DIR".

Press button 10 (4-RPT) again to turn the Repeat function off: for about 2 seconds the display shows "REPEAT OFF".

After repeating a track the display shows for about 2 seconds "REPEAT TRACK" or "REPEAT DIRECTORY".

Changing the sound source, the function is turned off.

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

Mix function (random track playing)

To start random playing of tracks on MP 3 CD, press button 9 (5-MIX). A new track will be played and for about 2 seconds the display will show "MIX DIRECTORY".

Press button 9 (5-MIX) again to start random playing of all directories containing MP3 tracks: for about 2 seconds the display will show "MIX ALL DIRECTORIES".

Press button 9 (5-MIX) again to turn the function off: for about 2 seconds the display will show "MIX OFF".

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

After playing a track the display shows for about 2 seconds "MIX DIRECTORY" or "MIX ALL DIRECTORIES".

Changing the sound source, the function is turned off.

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

MP3 Info function (directory data info)

Press briefly button 7 (6-MP3 ●) to display the current directory: the display will show twice the name of the currently selected directory for about 2 seconds. Then the previously selected CD mode will be displayed again.

If button 7 (6-MP3 ●) is pressed again during directory name displaying, the name of the MP3 track being played will be displayed twice for about 5 seconds. Then the previously selected CD mode will be displayed again.

MENU

Functions of button 11 (MENU-PRESET SCAN)

To activate the menu function, briefly press button 11 (MENU-PRESET SCAN). The display shows the word "MENU".

To scroll the menu functions use buttons 6 (▲) or (▼). To turn on/off the function selected, use buttons 5 (◀◀) or (▶▶).

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

The functions controlled by the menu are the following:

- USER EQ SETTINGS (equalizer setting, only if the equalizer is on);
- PRESET/USER/CLASSIC/ROCK/JAZZ (turning on/off and choosing predefined equalizer adjustments);
- REGIONAL MODE (regional programmes);
- CD DISPLAY (CD data display);
- MP3 DISPLAY (MP3 CD data display);
- CDC DISPLAY (CD Changer data display, if installed);

- SENSITIVITY (tuning sensitivity);
- SVC SETTING (automatic volume control in relation to speed);
- CD NAMING FUNCTION (allocation of CD names, only with CD or CD Changer selected);
- PHONE SETTING (Telephone volume, if installed);
- HICUT FUNCTION (Treble reduction);
- IGNITION TIMER (System power off mode);

To exit the menu function, press button II (MENU-PRESET SCAN) again.

PRESET/USER/CLASSIC/ROCK/JAZZ function (equalizer on/off)

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

To turn the equalizer off, select "PRESET" with button 6 (▲) or (▼).

To turn the equalizer on, select one of the following with button 6 (▲) or (▼):

- "USER" (adjustment of the 7 equalizer bands that can be changed by the user);
- "CLASSIC" (predefined equalizer adjustment for best playing of classic music);
- "ROCK" (predefined equalizer adjustment for best playing of rock and pop);
- "JAZZ" (predefined equalizer adjustment for best playing of jazz).

After selecting the last adjustment set in the Menu using buttons 6 (▲) or (▼) use button 5 (◀◀) or (▶▶) to change it.

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

USER EQ SETTINGS function (equalizer settings only if USER is selected)

To set a personal equalizer adjustment, use button 6 (▲) or (▼) to select "USER EQ SETTINGS".

To change the equalizer settings, use button 5 (◀◀) or (▶▶).

The display shows a graph with 7 bars, where each bar represents a frequency for the left or right channel. Choose the bar to be adjusted using button 5 (◀◀) or (▶▶); the bar chosen starts to flash and it is possible to adjust it using button 6 (▲) or (▼).

To store the new settings, press button 11 (MENU-PRESET SCAN) again. The display still shows “USER EQ SETTINGS”.

REGIONAL MODE function (regional broadcast reception)

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

To turn the function on/off use button 5 (◀◀) or (▶▶).

The display will show the current status of the function:

- “REGIONAL MODE: ON”: function on;
- “REGIONAL MODE: OFF”: function off.

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

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

CD DISPLAY function (CD data display)

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

After choosing “CD” in the menu using buttons 6 (▲) or (▼) the display shows “CD DISPLAY”. To change the setting use buttons 5 (◀◀) or (▶▶).

The display shows the setting among the two possible:

- “TIME” (time elapsed from start of track);
- “NAME” (CD name).

MP3 DISPLAY function (MP3 CD data display)

With this function it is possible to choose the information shown on the display, when listening to a MP3 CD.

This function can be chosen only if a MP3 CD is inserted. In this case the display will show “MP3 DISPLAY”. To change the function use buttons 5 (◀◀) or (▶▶).

The display shows the setting among the four possible:

- “DIR” (directory name);
- “TRACK” (track name);
- “TIME” (time elapsed from start of track);
- “NAME” (CD name).

**CDC DISPLAY function
(CD Changer data display) (if installed)**

This function can be chosen only if a CD Changer is connected. In this case the display will show “CDC DISPLAY”.

To change the function use buttons 5 (◀◀) or (▶▶).

The display shows the setting among the three possible:

- “TIME” (time elapsed from start of track);
- “CD NR” (CD number);
- “NAME” (CD name).

**SENSITIVITY function
(tuner sensitivity adjustment)**

With this function it is possible to change the sensitivity of automatic station searching. When low sensitivity is set “SENSITIVITY LOCAL” only stations with excellent reception are sought; when high sensitivity is set “SENSITIVITY DISTANCE” 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”.

To set the sensitivity, use button 5 (◀◀) or (▶▶). The display will show the current status of the function:

- “SENSITIVITY: LOCAL”: low sensitivity;
- “SENSITIVITY: DISTANCE”: high sensitivity.

SVC SETTING function **(volume changing with speed)**

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

To turn the function on/off use button 5 (◀◀) or (▶▶). The display will show the current status of the function:

- “SVC SETTING: ON”: function on;
- “SVC SETTING: OFF”: function off.

CD NAMING function **(allocating a name to a CD)**

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

This function can be selected only in Compact Disc or CD Changer mode.

To turn this function on, use button 5 (◀◀) or (▶▶): the display shows “CD NAMING FUNCTION”. If the CD already has a name, this will be shown on the display, if not, eight dashes will be shown. If storage is no longer available for a new name, the display will show the first name stored.

To change the name or give a name to the new CD press button 5 (◀◀) or (▶▶). Press the buttons again to choose the position of the character to be changed. Press buttons 6 (▲) or (▼) to choose or change the character.

To store the name, press button 11 (MENU-PRESET SCAN) again. The display will show “CD NAME”.

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

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

PHONE function (telephone volume adjustment)

With this function it is possible to adjust (setting from 1 to 66) or cut off (OFF setting) the telephone sound.

To turn the function on/off use button 5 (◀◀) or (▶▶).

To adjust, turn the button/knob 18 (VOLUME ON/OFF).

The display will show the current status of the function:

- “PHONE FUNCTION”: function on;
- “PHONE VOLUME: 23”: function on with volume setting 23;
- “OFF”: function off.

HICUT function (treble reduction)

Using this function it is possible to reduce the treble tones, in accordance with the signal transmitted.

To turn the function on/off, use button 5 (◀◀) or (▶▶).

The display will show the current status of the function:

- “HICUT FUNCTION: ON”: function on;
- “HICUT FUNCTION: OFF”: function off.

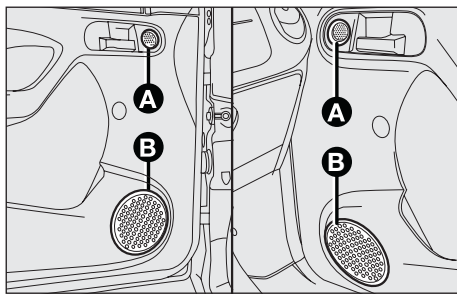
IGNITION TIMER function (system power off mode)

This function enables to switch the sound system off according to two different modes. To turn the function on/off use button 5 (◀◀) or (▶▶).

The display will show the selected mode:

- “00 MIN”: deactivation dependent on ignition key. The sound system will turn off automatically as soon as the ignition key is turned to STOP;
- “20 MIN”: deactivation independent of ignition key. The sound system will stay on for max. 20 minutes after turning the ignition key to STOP.

IMPORTANT Should the sound system turn off automatically after turning the ignition key to STOP (for both immediate or 20-minute delayed deactivation), it will turn on automatically when turning the ignition key to MAR. When the sound system is turned off using the relevant knob/button 18 (VOLUME ON/OFF), it will stay off even when turning the key to MAR.



F0G0509m

TECHNICAL INFORMATION

Radio

Maximum power: 4x40W.

Speakers

The standard system includes:

- two front full-range speakers (B) with a diameter of 165 mm and 40 W power;
- two rear full-range speakers with a diameter of 130 mm and 35W power.

HiFi system (optional):

- two front tweeters (A) and two woofers (B) with 40 W max. power;
- two rear full-range speakers, 40 W max. power;
- one 100W subwoofer located under the right seat.

RADIO WITH
TAPES PLAYER

RADIO WITH
COMPACT DISC PLAYER

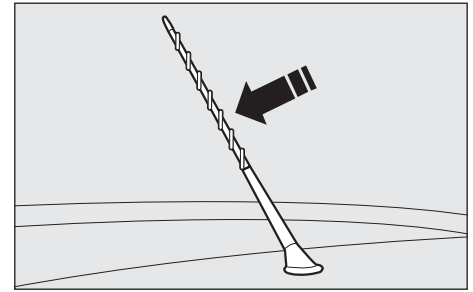
RADIO WITH
COMPACT DISC AND MP3 CD PLAYER

CD Changer (where provided)

The car can be fitted with a CD Changer for 5 CDs, set in the glove compartment.

Aerial

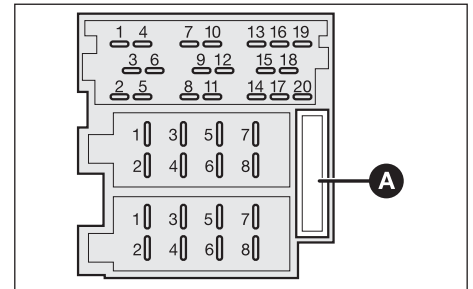
The aerial is located on the car roof.



FOG0508m

Protection fuse

The radio has a 10A fuse (A).



FOG0507m

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If you have any further questions please consult your FIAT dealer.

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