

F I A T I D E A



S O U N D S Y S T E M

CONTENTS

INTRODUCTION	3	FADER adjustment	11
Advice	3	LOUD function	11
- Road safety	3	RADIO (Tuner)	12
- Reception conditions	3	Introduction	12
- Care and maintenance	3	Selecting the frequency band	12
- Compact Disc	4	Presetting buttons	12
Technical data	5	Storing the last station heard	12
QUICK REFERENCE GUIDE	6	Automatic tuning	13
General	8	Manual tuning	13
- Radio section	8	A-STORE function	13
- Compact Disc section	8	Emergency alarm reception	14
- Audio section	8	EON function	14
FUNCTIONS AND ADJUSTMENTS	9	Stereophonic stations	14
Turning the sound system on	9	Menu	15
Turning the sound system off	9	- MENU button functions	15
Selecting Radio and CD functions	9	- AF function	15
Audio source memory function	9	- TA function	15
Volume adjustment	9	- REG function	16
MUTE/PAUSE function	10	COMPACT DISC PLAYER	17
Audio adjustments	10	Introduction	17
Tone adjustment	10	Selecting the Compact Disc player	17
Balance adjustment	11		

Inserting/ejecting a CD	17
Possible error messages	18
Display information	18
Select track	18
Fast forward/backward	18
Pause function	18
Code Card	18
TRUBLESHOOTING	19

INTRODUCTION

The car sound system, fitted with 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.

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

ADVICE

Road safety

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

Reception conditions

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

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



WARNING

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

Care and maintenance

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

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

Compact Disc

Remember that dirt, marks or distortion on Compact Disc can cause skipping. To obtain optimum playing conditions we give the following advice:

- only use Compact Discs which have the following brand:



- Carefully clean all Compact Discs of fingerprints and dust using a soft cloth. Support Compact Discs from the outer circumference and clean from the centre outwards;
- Never use chemical products for cleaning (e.g.: spray cans, antistatic or thinners) as they might damage the surface of Compact Discs;
- After use, put Compact Discs back in their container, to avoid marks or scratches that may cause skipping when playing;

- Do not expose Compact Discs to direct sunlight, high temperatures or damp for prolonged lengths of time to prevent them from bending;
- Do not stick labels or write on the recorded surface of Compact Discs.

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

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

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

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

For optimal playing use original CDs only. Regular operation is not guaranteed if using R/RW CDs not properly mastered and/or CDs with max. capacity higher than 650 MB.

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

IMPORTANT Should copy-protected CDs be used, then, few seconds may be required for playing them. Moreover, due to the proliferation of always new and different protection methods, it is not guaranteed that the CD player can play whatever protected disc. Copy protection is often indicated on the CD cover in small letters or hard to read characters. Usually it is indicated by writings like: "COPY CONTROL", "COPY PROTECTED", "THIS CD CANNOT BE PLAYED ON A PC/MAC", or it is identified by symbols like:



Protected discs (and their cover) very often are not marked with the audio CD identification symbol:



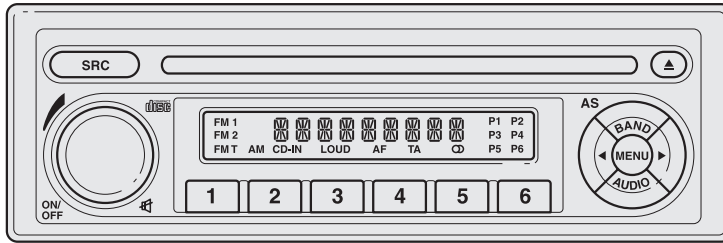
IMPORTANT The CD player can read most of the compression systems currently on sale (e.g.: LAME, BLADE, XING, FRAUNHOFER) however, due to the evolution of these systems, reading of all compression formats is not guaranteed.

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

TECHNICAL DATA

Power: 4 x 40 W

QUICK REFERENCE GUIDE



F0H0730m

AUDIO SECTION

- Loudness function
- Equalization
- MUTE function

RADIO SECTION

- Traffic information reception (TA)
- Automatic storage of 6 stations in the dedicated FM band - FMT (AS – Autostore)

CD SECTION

- Play / Pause
- Previous /next track selection
- FF / FR

Button	GENERAL FUNCTIONS	Mode
ON/OFF	On	Brief button pressing
	Off	Long button pressing
	Volume adjustment	Knob rotation LH/RH

Button	GENERAL FUNCTIONS	Mode
BAND	Radio band selection FM 1, FM 2, FMT, AM	Brief cyclic button pressing
	Radio band selection AutoStore (AS)	Long button pressing
SRC	Audio source selection (Radio/CD)	Brief cyclic button pressing
AUDIO	Audio menu activation, settings: bass (BASS), treble (TREBLE), right/left sound adjustment (BALANCE), front/rear sound adjustment (FADER), Loudness	Brief button pressing Adjustment selection: press button AUDIO Value adjustment: press button ◀ or ▶
MENU	Advanced functions menu activation (AF, TA, REG)	Brief button pressing Adjustment selection: press button AUDIO Value adjustment: press button ◀ or ▶

Button	RADIO FUNCTIONS	Mode
ON/OFF	Volume on/off (MUTE)	Brief button pressing
◀ ▶	Radio station tuning: - Automatic tuning - Manual tuning	Automatic tuning: press button ◀ or ▶ (long pressing for fast forward) Manual tuning: press button ◀ or ▶ (long pressing for fast forward)
1 2 3 4 5 6	Current radio station storage	Long button pressing Respectively for preset/memories from 1 to 6
	Stored station recall	Brief button pressing Respectively for preset/memories from 1 to 6

Button	CD FUNCTIONS	Mode
ON/OFF	CD playing pause on/off (PAUSE)	Brief button pressing
◀ ▶	Previous/next track playback	Brief pressing on buttons ◀ or ▶
	CD track fast forward/backward	Long pressing on buttons ◀ or ▶
▲	CD ejection	Brief button pressing

GENERAL

The set possesses the following functions:

Radio section

- PLL tuning with FM/AM frequency bands;
- RDS (Radio Data System) with TA (traffic announcements) - EON (Enhanced Other Network) - REG (Regional programmes);
- HICUT function
- AF: alternative frequency search selection in RDS mode;
- emergency alarm presetting;
- automatic/manual station tuning;
- FM Multipath detector;
- manual storage of 24 stations: 18 in the FM band (6 in FMI, 6 in FM2, 6 in FMT), 6 in the AM band;
- automatic storage (Autostore function) of 6 stations in FM band;
- automatic Stereo/Mono switching.

Compact Disc section

- Direct disc selection;
- Track selection (forward/backward);
- Fast forward/backward;
- Mute function;
- CD Playback function: displaying track number and time elapsed from start of track;
- Playing audio CDs and R/RW CDs.

Audio section

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



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.

FUNCTIONS AND ADJUSTMENTS

TURNING THE SOUND SYSTEM ON

The set is switched on by pressing the ON/OFF button/knob.

When turning the sound system on, the volume level will be brought to 20 if it was set to over.

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 ON/OFF.

TURNING THE SOUND SYSTEM OFF

Keep button/knob ON/OFF pressed.

SELECTING RADIO AND CD FUNCTIONS

Pressing briefly and repeatedly button SRC it is possible to select the following Radio (Tuner) and CD functions in sequence:

- TUNER (“FM1”, “FM2”, “FMT”, “AM”);
- CD (only if the Compact Disc is inserted).

Pressing button SRC when no CD is loaded will display the message “NO CD”. While this message is displayed, the Mute function is activated automatically.

Sound system will then resume automatically the Radio (Tuner) mode.

AUDIO SOURCE MEMORY FUNCTION

If while listening to a CD the radio function is selected, playing is stopped and when the CD mode is resumed, it starts again from the point in which it was stopped.

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

VOLUME ADJUSTMENT

To adjust the volume (from minimum level 0 to max level 40) turn the button/knob ON/OFF.

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

MUTE /PAUSE FUNCTION (turning off the volume completely)

To switch the Mute function on, briefly press the button/knob ON/OFF. Volume will gradually lower and the display will show the word "MUTE" (when in radio mode) or "PAUSE" (when in CD mode).

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

Changing volume will deactivate the Mute function and the volume will be set to the new level selected.

With the Mute function on, if an emergency alarm or a traffic bulletin arrives (if the TA function on) the Mute function is ignored. The Mute function will be resumed at the end of the traffic announcement.

AUDIO ADJUSTMENTS

The options proposed by the audio menu differ according to the audio source selected: AM/FM/CD.

To change Audio functions, press briefly the AUDIO button. The display will show "BASS".

To scroll the Menu options press the AUDIO button. To change the setting of the option selected, press buttons ◀ or ▶.

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

The functions controlled by the menu are the following:

- BASS (bass adjustment);
- TREBLE (treble adjustment);
- BALAN (right/left balance);
- FADER (front/rear balance);
- LOUD (Loudness on/off).

TONE ADJUSTMENT (bass/treble)

Proceed as follows:

- Use button AUDIO to select "BASS" or "TREBLE" in the AUDIO menu;
- press button ▶ or ◀ to increase/decrease the basses or trebles.

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

BALANCE ADJUSTMENT

Proceed as follows:

- Use button **AUDIO** to select “BALAN” in the **AUDIO** menu;
- press button **▶** to increase the sound from the right speakers or button **◀** to increase the sound from the left speakers.

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

FADER ADJUSTMENT

Proceed as follows:

- Use button **AUDIO** to select “FADER” in the **AUDIO** menu;
- press button **◀** to increase the sound from the rear speakers or button **▶** to increase the sound from the front speakers.

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

LOUD FUNCTION

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

To switch the function on/off, use button **AUDIO** to select “LOUD” in the **AUDIO** menu. The function condition (on or off) is shown on the display for few seconds by “LOUD ON” or “LOUD OFF”.

RADIO (Tuner)

INTRODUCTION

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

To select the Tuner source while listening to the CD player, press briefly button SRC.

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

SELECTING THE FREQUENCY BAND

If in the Tuner mode, briefly and repeatedly press button BAND to select the required frequency band.

Every time the button is pressed the following bands are selected in sequence: "FM1", "FM2", "FMT" and "AM".

Each band is shown by the respective wording on the display.

The last station selected in the respective frequency band will be tuned.

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.

PRESETTING BUTTONS

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

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

To call a preset station, choose the required frequency band and then press briefly the corresponding preset button (from 1 to 6).

Pressing the respective preset button for longer than 2 seconds will store the tuned station. 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 ◀ or ▶ to start automatically searching the tuning for the next station that it is possible to receive in the direction chosen.

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

MANUAL TUNING

This allows manual station searching in the chosen band.

Select the required frequency band and then:

press for long button ◀ or ▶ to start manual tuning;

press briefly and repeatedly button ◀ or ▶ to start searching in the chosen band;

or

keep button ◀ or ▶ pressed to start fast searching in the required direction.

In both cases tuning will stop when releasing the button and the display will show the station frequency.

A-STORE FUNCTION (automatic station storage)

To switch on the A-STORE function, keep button BAND 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 in the FMT frequency band.

IMPORTANT Activating the A-STORE 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.

If during automatic station storage (A-STORE on) the Tuner mode is selected or the sound source is changed, the A-STORE function will not be interrupted and automatic storage will be completed.

During automatic storage the display shows "FM ASTORE".

To interrupt the A-STORE function press one of the following buttons:

- BAND (briefly and continuously);
- ◀ or ▶ (briefly or continuously);
- one of the presetting buttons (1,2,3,4,5,6);
- ▲ (if a CD is loaded it will be ejected)

At the end of the A-STORE function the radio automatically tunes on the first preset station in the FMT band stored on preset button 1.

On buttons numbered from 1 to 6, the stations are automatically stored that give a strong signal in that moment in the present band.

Activating the A-STORE function in the AM band will automatically select the FMT band where the function is then run.

IMPORTANT Sometimes the A-STORE 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.

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.

During emergency announcement the display will show the message "ALARM". During this announcement the volume will change as described for traffic announcements (see paragraph "TA FUNCTION").

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);
- to listen to regional programmes every time these bulletins are given by one of the stations of the same circuits.

STEREOPHONIC STATIONS

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

MENU

MENU button functions

To activate the Menu function, briefly press button MENU. The display will show the first menu function that can be selected.

To scroll the Menu functions press button MENU. To change the setting of the selected function use button ◀ or ▶.

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

The functions controlled by the menu are the following:

- AF (alternative frequency search);
- TA (traffic information);
- REG (regional programs);

To exit the Menu function, press the button MENU for long.

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.

With “AF ON”, 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.

To turn the AF function on/off press button MENU, select “AF ON” or “AF OFF”. If the AF function has been turned on the display shows “AF”.

If the radio is working in the AM band, when the AF function is activated, it passes to the FMI band on the last station selected.

TA function (traffic information)

Certain stations in the FM band (FMI, FM2 and FMT) are enabled to broadcast information about traffic conditions.

To turn the TA (traffic information) function on/off, briefly press button MENU and select “TA ON” or “TA OFF”.

IMPORTANT If the TA function (traffic information) is on, with CD or Mute/Pause active: automatic tuning to a station enabled to broadcast traffic information will start.

With the TA function it is possible:

- to search only RDS stations that transmit in the FM band, enabled to broadcast traffic information;
- to receive traffic information although the CD player is being used;
- to receive traffic information at a pre-defined minimum volume even with the radio volume off.

IMPORTANT In certain countries radio stations exist which, even if enabled, do not transmit traffic information.

If the radio is working in the AM band, when TA is activated, it passes to the FMI band on the last station heard.

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

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

If the volume is changed during a traffic bulletin the new volume level will be shown on the display but it will be kept only for the bulletin in progress.

The TA function is interrupted by pressing any sound system button.

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) (see paragraph "EON function").

Activate this function if you want to tune automatically to regional stations broadcasting in the selected band.

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

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 If AF and REG are both active, when passing from one region to another the radio could not tune properly to a valid alternative frequency.

COMPACT DISC PLAYER

INTRODUCTION

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

SELECTING THE COMPACT DISC PLAYER

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

insert a CD with the set on: the first track will be played;

or

if a CD is already inserted, turn the set on and press briefly button SRC to select "CD": the last heard track will be played.

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 ▲, with the device on, to operate the powered CD eject system. After ejection, the source heard before playing the CD will return.

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, the tuner will select the CD mode.

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 message "CD ERROR" for about 2 seconds.

This time elapsed, the Tuner mode will be activated automatically (the CD will not be ejected automatically, to eject it press button ▲).

DISPLAY INFORMATION

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

"T1": shows the number of the track on the CD;

"0:42": shows the time elapsed since the start of the track.

SELECT TRACK (forward/backward)

Briefly press button ◀ to play the previous track and button ▶ 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 ◀ 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 ▶ pressed to move the track selected forward at high speed and keep button ◀ pressed to move it quickly backward. Fast forward/backward is stopped once the button is released.

PAUSE FUNCTION

To pause the CD player, press briefly the button/knob ON/ OFF. The display will show "PAUSE".

To resume playing the track, press the button/knob ON/ OFF again.

The pause function is deactivated changing the sound source.

CODE CARD

This the document that certifies possession of the sound system. The Code Card contains the sound system model and serial number.

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

TROUBLESHOOTING

OVERVIEW

Low volume

The Fader function shall only be set to “F” (front), to prevent sound system output power reduction and volume muting if the Fader level set is = R+9.

Required source cannot be selected

No CD loaded. Load the CD you want to play.

COMPACT DISC PLAYER

CD not played

Loaded CD is dirty. Clean the CD.
Loaded CD is scratched. Try to play another CD.

Required CD cannot be loaded

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

Fiat Group Automobiles S.p.A. - Customer Services - Technical Services - Service Engineering
Largo Senatore G. Agnelli, 5 - 10040 Volvera - Torino (Italia)
Print n. 603.83.847 - 01/2008 - 1st edition



The data contained in this publication is intended merely as a guide. FIAT reserves the right to modify the models and versions described in this booklet at any time for technical and commercial reasons. If you have any further questions please consult your FIAT dealer. Printed in recycled paper without chlorine.