



SOUND SYSTEM



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INTRODUCTION

The car sound system, fitted with 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 is available at Lineaccessori Alfa Romeo.

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 Alfa Romeo Authorized Services.

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

For Alfa 159

Radio

Maximum power: 4x40W

Speakers

The system includes:

- 2 tweeters with 30 W max. power, set at dashboard ends;
- 2 mid-woofers with a diameter of 165 mm and 30W max. power, set in front doors;
- 2 tweeters with 30 W max. power, set in rear doors;
- 2 mid-woofers with a diameter of 165 mm and 30W max. power, set in rear doors.

For Alfa BRERA / Alfa SPIDER

Radio

Maximum power: 4x40W

Speakers

The system includes:

- 2 tweeters with 30 W max. power, set at dashboard ends;
- 2 mid-woofers with a diameter of 165 mm and 30W max. power, set on doors;
- 2 mid-woofers with a diameter of 80 mm and 25W max. power, set in rear sides.

HI-FI BOSE SYSTEM (optional for versions/ markets where applicable)

The HI-FI BOSE system installed on your car has been accurately designed to offer outstanding sound quality and reproduce the musical realism of a live concert, for all the seats in the passenger compartment.

The system's features include outstanding faithful reproduction of crystalline treble tones and full, rich basses which among other things, make the Loudness function superfluous. In addition, the complete range of the sounds is reproduced in the whole passenger compartment enveloping the occupants with the natural spatial sensation that is felt when listening to live music.

The components adopted are patented and are the result of the most sophisticated technology, but at the same time they are easy and intuitive to use, so that even less expert people can use the system.

Technical data for Alfa 159

The system includes:

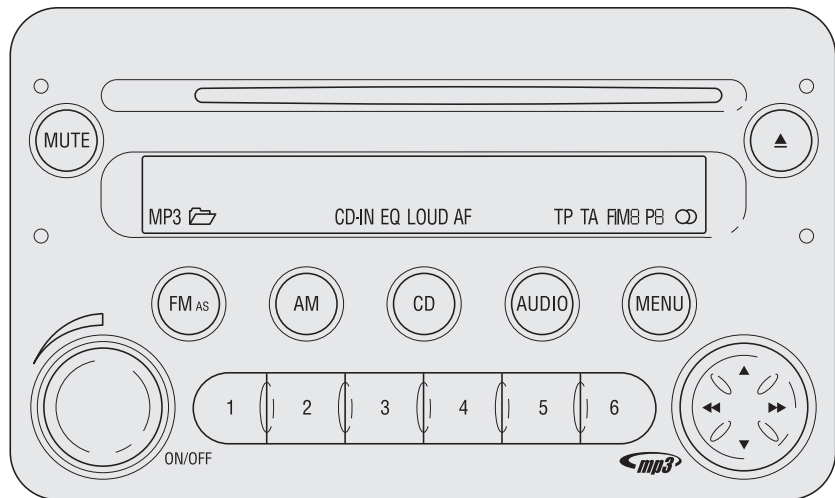
- 2 tweeters with 50 W max. power, set at dashboard ends;
- 2 mid-woofers with a diameter of 165 mm and 90 W max. power, set in front doors;
- 2 rear tweeters with 50 W max. power, set in rear doors;
- 2 mid-woofers with a diameter of 165 mm and 90 W max. power, set in rear doors;
- 1 mid-tweeter (Centerfill) with a diameter of 80 mm and 50 W max. power, set in the middle of the dashboard;
- 1 Sub-woofer (Saloon versions), with a diameter of 250 mm and 200 W max. power, set on the rear window parcel shelf;
- 1 Bass-box reflex (Sportwagon versions) 130 mm diameter, 200 W max. power, set in the boot;
- Power amplifier with 6 independent channels, set on the rear window parcel shelf and controlling all installed speakers.

Technical data for Alfa BRERA / Alfa SPIDER

The system includes:

- 2 tweeters (power 50 W max. each), located at dashboard ends;
- 2 mid-woofers, (diameter 165 mm, power 90 W max. each), located in the doors, designed for top playback of mid-bass frequencies;
- 2 rear tweeters, (power 50 W max. each), located on rear inside valance panels;
- 1 mid-tweeter (Centerfill) (diameter 80 mm, power 50 W max.), located in the middle of the dashboard;
- 1 sub-woofer (diameter 265 mm, power 200 W max.), located in the rear side of the car;
- Amplifier with 6 independent channels, located in the rear side of the car and controlling all the other car speakers.

QUICK GUIDE



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AUDIO SECTION

- Loudness function (excluding versions with Bose HI-FI system)
- Standard equalization (excluding versions with Bose HI-FI system)
- Personal equalization (excluding versions with Bose HI-FI system)
- Automatic volume changing according to car speed (SPEED VOLUME)
- MUTE function

RADIO SECTION

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

CD / MP3 CD SECTION

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

Button GENERAL FUNCTIONS

ON/OFF	On
	Off
	Volume adjustment

Mode

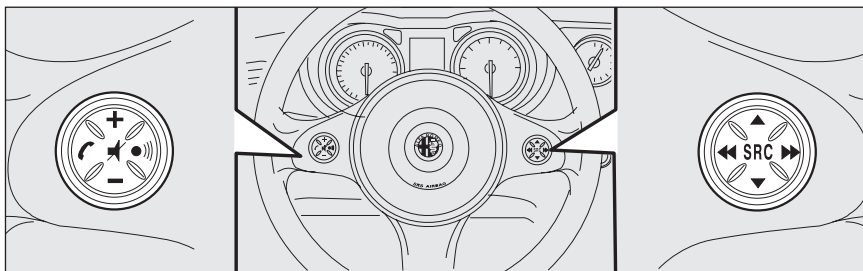
Brief knob pressing
Long knob pressing
Knob rotation LH/RH

Button	GENERAL FUNCTIONS	Mode
FM AS	Radio band selection FM1, FM2, FM Autostore	Brief cyclic button pressing
AM	Radio band selection MW, LW	Brief cyclic button pressing
CD	Audio source selection (radio/CD/CD-Changer)	Brief cyclic button pressing
MUTE	Volume on/off (MUTE / PAUSE)	Brief button pressing
AUDIO	Audio settings: bass (BASS), treble (TREBLE), right/left sound adjustment (BALANCE), front/rear sound adjustment (FADER)	Menu activation: brief button pressing Adjustment selection: press button ▲ or ▼ Value adjustment: press button ◀◀ or ▶▶
MENU	Advanced functions adjustment	Menu activation: brief button pressing Adjustment selection: press button ▲ or ▼ Value adjustment: press button ◀◀ or ▶▶

Button	RADIO FUNCTIONS	Mode
	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
	CD ejection	Brief button pressing
	Previous/next track playback	Brief pressing on buttons ◀◀ or ▶▶
	CD track fast forward/backward	Long pressing on buttons ◀◀ or ▶▶
	Previous/next CD playback (for CD Changer)	Brief pressing on buttons ▲ or ▼
	Previous/next directory playback (for MP3 CD)	Brief pressing on buttons ▲ or ▼

STEERING WHEEL CONTROLS (where provided)



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Button	FUNCTION	Mode
	AudioMute on/off (with sound system on)	Brief button pressing
+	Volume up	Press button
-	Volume down	Press button
SRC	Radio frequency (FM1, FM2, FMT, MW, LW) and audio source (Radio - CD - MP3 - CD Changer) selection button	Press button
	Radio: recall preset stations (1 to 6) MP3: select next directory CD Changer: select next CD in the CD Changer	Press button
	Radio: recall preset stations (6 to 1) MP3: select previous directory CD Changer: select previous CD in the CD Changer	Press button
	Radio: automatic tuning to previous station CD player: select previous track CD Changer: select previous track	Press button
	Radio: automatic tuning to next station CD player: select next track CD Changer: select next track	Press button

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 announcements) - TP (Program Type) - EON (Enhanced Other Network) - REG (Regional programmes);
- AF: alternative frequency search selection in RDS mode;
- emergency alarm presetting;
- automatic/manual station tuning;
- FM Multipath detector;
- manual 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;
- automatic storage (AUTOSTORE function) of 6 stations in FM band;
- SPEED VOLUME function (excluding versions with Bose HI-FI system): automatic volume adjustment with car speed;
- automatic Stereo/Mono switching.

Compact Disc section

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



On multimedia CDs in addition to sound tracks also data tracks are recorded. Playing one of these CDs may cause rustling and such a volume as to compromise road safety, as well as causing damage to the final stages and speakers.

MP3 CD section

- MP3-Info function (ID3-TAG);
- Directory selection (previous/next);
- Track selection (forward/backward);
- Fast forward/backward;
- MP3 CD data display: directory name, ID3-TAG info, time elapsed from start of track, file name);
- Playing audio CDs and R/RW CDs.

Audio section

- Mute/Pause function;
- Soft Mute function;
- Loudness function (excluding versions with Bose HI-FI system);
- 7 band graphic equalizer (excluding versions with Bose HI-FI system);
- Separate bass/treble adjustment;
- Right/left channel balancing.

FUNCTIONS AND ADJUSTMENTS

TURNING THE SOUND SYSTEM ON

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

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 when the key is not fitted into the ignition device, it will turn off automatically after about 20 minutes. After automatic switching off, 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 FUNCTIONS

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

TUNER ("FM1", "FM2", "FMT");

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

TUNER ("MW", "LW").

SELECTING CD/CD CHANGER FUNCTIONS

Pressing briefly and repeatedly button CD it is possible to select the following audio sources in sequence:

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

AUDIO SOURCE MEMORY FUNCTION

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

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

VOLUME ADJUSTMENT

Adjust volume through button/knob ON/OFF.

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.

SPEED VOLUME FUNCTION (excluding versions with Bose HI-FI system)

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

See section MENU for activating/deactivating this function.

MUTE /PAUSE FUNCTION (turning off the volume completely)

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

To switch off the Mute function, press the button MUTE again. 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 with the TA function on, the message ignores the Mute function. 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/CDC.

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

To scroll the Menu options, use buttons ▲ or ▼. 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);
- BALANCE (right/left balance);
- FADER (excluding versions with Bose HI-FI system) (front/rear balance);
- LOUDNESS (excluding versions with Bose HI-FI system) (LOUDNESS on/off);
- EQUALIZER (excluding versions with Bose HI-FI system) (standard equalization activation and selection);
- USER EQUALISER (personal equalization setting).

STONE ADJUSTMENT (bass/treble)

Proceed as follows:

- Use button ▲ or ▼ 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 ▲ or ▼ to select "BALANCE" 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.

Select "◀◀ 0 ▶▶" to set the same value for both right and left speakers.

FADER ADJUSTMENT

Proceed as follows:

- Use button ▲ or ▼ 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.

Select “◀◀ 0 ▶▶” to set the same value for both front and rear speakers.

LOUDNESS 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 ▲ or ▼ to select “LOUDNESS” in the AUDIO menu. The function condition (on or off) is shown on the display for few seconds by “LOUDNESS ON” or “LOUDNESS OFF”.

PRESET/USER*/CLASSIC/ ROCK/JAZZ functions (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” by means of button ◀◀ or ▶▶.

To turn the equalizer on, use button ◀◀ or ▶▶ to select one of the following options:

- “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 music);
- “JAZZ” (predefined equalizer adjustment for best playing of jazz music).

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

*USER EQ SETTINGS function (only if the USER equalizer setting has been selected) (excluding versions with Bose HI-FI system)

To set a personal equalizer adjustment, use button ▲ or ▼ to select USER and then press button ▼ for long.

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

To store the new settings, press button AUDIO again. The display still shows “USER EQ SETTINGS”.

ANTITHEFT PROTECTION

Refer to section “CD PLAYER”.

RADIO (TUNER)

INTRODUCTION

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

To select the Tuner source while listening to another audio source, press briefly buttons FM or AM, according to the required frequency band.

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 preselection button number (e.g.: P1).

SELECTING THE FREQUENCY BAND

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

Every time the button is pressed the following bands are selected in sequence:

- Pressing button FM: "FM1", "FM2", "FMT";
- Pressing button AM: , "MW" and "LW".

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 presettings:

- 1 8 in the FM band (6 in FM1, 6 in FM2, 6 in FMT);
- 6 in the MW band;
- 6 in the LW 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 button ◀◀ or ▶▶ is pressed for longer, quick searching takes place. 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.

MANUAL TUNING

This allows manual station searching in the chosen band.

Select the required frequency band and then press briefly and repeatedly button ▲ or ▼ to start searching in the chosen band. Pressing one of the buttons ▲ or ▼ longer obtains fast forward searching, which is stopped when the button is released.

AUTOSTORE FUNCTION (automatic station storage)

To switch on the AutoStore function, keep button FM-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.

During automatic storage the display shows "FM AST".

To interrupt AutoStore press button FM-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.

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 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.

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 shows the word "MENU".

To scroll the menu functions use button ▲ or ▼. 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 SWITCHING (ON/OFF)
- TRAFFIC INFO (ON/OFF)
- REGIONAL MODE regional programmes (ON/OFF);
- MP3 DISPLAY (MP3 CD data display);
- SPEED VOLUME (excluding versions with Bose HI-FI system) (automatic volume control in relation to speed);
- EXTERNAL AUDIO VOL (external audio sources control)
- RADIO OFF (System power off mode).
- RESTORE DEFAULT

To exit the menu function, press button MENU again.

AF SWITCHING 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 SWITCHING" and then ON/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 FM1 band on the last station selected.

TRAFFIC INFO 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 MENU, select "TRAFFIC INFO" and then ON/OFF.

IMPORTANT If the TA function (traffic information) is on, with CD, CD Changer (if installed), Telephone or Mute/Pause active: automatic station tuning 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 CD player or CD Changer are being used;
- to receive traffic information at a predefined minimum volume even with the radio volume off.

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 TA is activated, it passes to the FM1 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 value is not shown on the display and the new value is kept only for the bulletin in progress.





When receiving traffic information the display will show message "TRAFFIC INFORMATION".

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

REGIONAL MODE function (regional broadcast reception)

Certain national broadcasters, at determine 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:

- "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 determine 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.

MP3 CD DISPLAY (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 selected only if a MP3 CD is loaded: in this event the display shows "MP3 DISPLAY".

To change the function use buttons   or  .

The display shows the setting among the six possible:

- TITLE (track title, if ID3-TAG available)
- AUTHOR (track author, if ID3-TAG available)
- ALBUM (album title, if ID3-TAG available)
- DIR (directory name);
- FILENAME (MP3 file name);
- TIME (time elapsed from start of track).

SPEED VOLUME function (volume changing with speed) (excluding versions with Bose HI-FI system)

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

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

- OFF: function off
- LOW: function on (low sensitivity)
- HIGH: function on (high sensitivity).

EXTERNAL AUDIO VOL function

With this function it is possible to adjust (setting from 0 to 40) or exclude (OFF) external audio sources.

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

The display will show the current status of the function:

- "EXTERN FUNCTION OFF": function off.
- "EXTERN VOLUME: 23": function on with volume level 23.

RADIO OFF function (system power on/off mode)

This function enables to switch off the sound system according to two different modes. To turn the function on use button ◀◀ 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 key is removed from the ignition device;
- "20 MIN": deactivation independent of ignition key. The sound system will stay on for max. 20 minutes after removing the key from the ignition device.

IMPORTANT When the sound system is switched off automatically after removing the key from the ignition device (for both immediate or 20-minute delayed power off), it will switch on automatically fitting the key into the ignition device. If the sound system has been switched off pressing the button ON/OFF, when fitting the key into the ignition device, it will stay off.

RESTORE DEFAULT function

This function enables to restore default settings. Options available are the following:

- NO: no restore;
- YES: restore default settings. During this operation the display will show the message "RESTORING". At the end of this operation, the audio source will not be changed and the previous situation is displayed.

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 CD 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 not change the source to CD.

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.

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);

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 button MUTE. The display will show "PAUSE".

To resume playing the track, press button MUTE again.

The pause function is deactivated changing the sound source.

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 set starts working, whereas if the comparison codes are not the same or if the electronic control unit (Body Computer) is replaced, the device informs the user of the need to enter the secret code according to the procedure described in the following paragraph.

Entering the secret code

When turning the sound system on (in the event of code request), the display will show 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.

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

MP3 CD PLAYER

INTRODUCTION

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

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

MP3 MODE

In addition to standard audio CDs, the sound system can also play audio files in MP3 format. Sound system will operate as described in the previous section ("Sound system with Compact Disc player") when inserting a conventional audio CD.

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

MP3 CD files are structured by directories, with sequential lists of all directories containing MP3 tracks (directories and sub-directories are all brought to the same level), directories not containing MP3 tracks cannot be selected.

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.

DISPLAY INFORMATION

ID3-TAG info display

In addition to time elapsed, directory name and file name, also ID3-TAG info relevant to track Title, Artist, Author (see section "MP3 DISPLAY FUNCTION") are displayed.

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 *.

If you want to display one ID3-TAG info (Title, Artist, Album) and the track being played has no ID3-TAG info then, the file name will be displayed.

SELECT NEXT/PREVIOUS DIRECTORY

Press button ▲ to select the next directory or press button ▼ 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.

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 will then be played.

PROTECTION AGAINST THEFT

Refer to section "COMPACT DISC PLAYER".

CD CHANGER (CDG)



Installation and connection of a Lineaccessori CD Changer shall only be performed by Alfa Romeo Authorized Services.

INTRODUCTION

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

SELECTING THE CD CHANGER

Turn on the set, then press briefly and repeatedly button CD until selecting "CHANGER".

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. 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". 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.

SELECTING THE CD

Press button ▲ to select the next CD and button ▼ to select the previous CD.

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.

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 or the MP3 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.

MP3 FILE READING

Skipping when reading MP3 files

Loaded CD is scratched or dirty. Clean the CD as described in paragraph "CD" in section "INTRODUCTION".

MP3 track length not displayed correctly

In certain cases (due to recording) MP3 track length can be displayed incorrectly.











SERVICE

SERVIZI AL CLIENTE

ASSISTENZA TECNICA - INGEGNERIA ASSISTENZIALE

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