SOUND SYSTEM

SOUND SYSTEM

INTRODUCTION

The car radio is equipped with a CD player (radio and CD player) or a CD-MP3 player (radio and CD-MP3) and was designed to combine with the specific features of the passenger compartment. It has a customised design that integrates the style of the dashboard. The size of the car radio is compatible with the car and as it cannot be adapted to any other vehicle, it is fixed.

The car radio is installed in an ergonomically convenient position for the driver and the passenger; the graphics on the front panel help to quickly identify the controls and makes them easier to use.

A CD Changer is available from Lineaccessori Alfa.

The instructions for use are provided below. We recommend that you read them carefully. The instructions also refer to how to operate the CD Changer (if present) using the radio. Refer to the specific manual for instructions on how to use of the CD Changer.

TIPS

Road safety

Learn how to use all different radio functions (e.g. how to save stations) before beginning to drive.

Reception conditions

Reception conditions change constantly while driving. Reception may be disturbed by mountains, buildings or bridges, or when you are far away from the broadcasting station.

WARNING The volume may be increased when receiving traffic reports.

WARNING

⚠️ *Excessively loud volume can be a risk for driver and other people on the road. The volume must therefore always be adjusted so that you can still hear noise from the surroundings (e.g. horns, ambulance sirens, police sirens, etc.).*

Care and maintenance

The radio is designed for a long operational life and does not require particular maintenance. Contact Alfa Romeo Authorized Services in case of faults.

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

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CD

Remember that dirt, scratches or distortions on the CD could cause skipping while it is playing and poor sound quality. Follow these guidelines for optimum playback:

❒ only use branded CDs:

❒ clean each CD carefully to remove fingerprints or dust using a soft cloth. Hold CDs by the outside and clean them from the middle outwards;

❒ never use chemicals (e.g. antistatic products or thinners or sprays) for cleaning as they could damage the surface of the CDs;

❒ after listening to the CDs, put them back in their boxes to avoid them being marked or scratched, which could cause them to skip during playing;

❒ never expose CDs to direct sunlight, high temperatures or moisture for extended periods of time, which could cause them to become distorted;

❒ do not stick labels on the CD surface or write on the recorded surface with pencil or pen.

To remove a CD from its container, press down in the middle and lift up the disc, holding it carefully around the outside.

Always take the CD by holding it around its outside circumference. Never touch the surface.

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

Never use CDs that are very scratched, cracked, distorted, etc. Their use could cause damage the player or make it malfunction.

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

WARNING Do not use commercially available protective sheets for CDs or discs with stabilisers as these could get stuck in the internal mechanism and damage the disc.

WARNING If a copy-protected CD is used, it may take a few seconds before the system will start to play it. In addition, since many new and different protection methods are continuously being introduced, it is not possible to guarantee that the CD player will be able to play any protected CD. Information regarding copy protection is often stated in fine or difficult to read print on the cover of the CD itself, or indicated by phrases such as, for example, "COPY CONTROL", "COPY PROTECTED", "THIS CD CANNOT BE PLAYED ON A PC/MAC", or identified by symbols such as for example:

In addition, protected disks often do not have the audio disk identifying symbol on the disk (or on the case) itself:

WARNING The CD player can read most of the compression systems currently on the market (e.g.: LAME, BLADE, XING, FRAUN-HOFER) but as these systems are continually evolving, playback of all compression formats is not guaranteed.

WARNING If a multisession disc is loaded, only the first session will be played.

TECHNICAL SPECIFICATIONS

Car radio

Maximum power: 4x40 W

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 40 W max. power, set on doors;

— 2 mid-woofers with a diameter of 80 mm and 25 W max. power, set in rear sides.

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HI-FI BOSE AUDIO SYSTEM

(for versions/markets, where provided)

The BOSE HI-FI audio system was carefully designed to provide the best acoustic performance and reproduce sound like a live concert in all areas of the passenger compartment.

The system faithfully reproduces crystalline high tones and provides full and rich bass tones that make the loudness function superfluous. The full sound range is reproduced throughout the entire passenger compartment so that the occupants are enveloped with the feeling of space experienced when listening to live music.

Components are patented and make use of the most sophisticated technology whilst at the same time being easy to use by even the most inexperienced people.

Technical information

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 mid-tweeters, (diameter 80 mm 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 130 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.

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MUTE

MP3 📁   CD·IN EQ LOUD AF   TP TA FM8 P8 ⟳

FM AS   AM   CD   AUDIO   MENU

1   2   3   4   5   6

ON/OFF

mp3
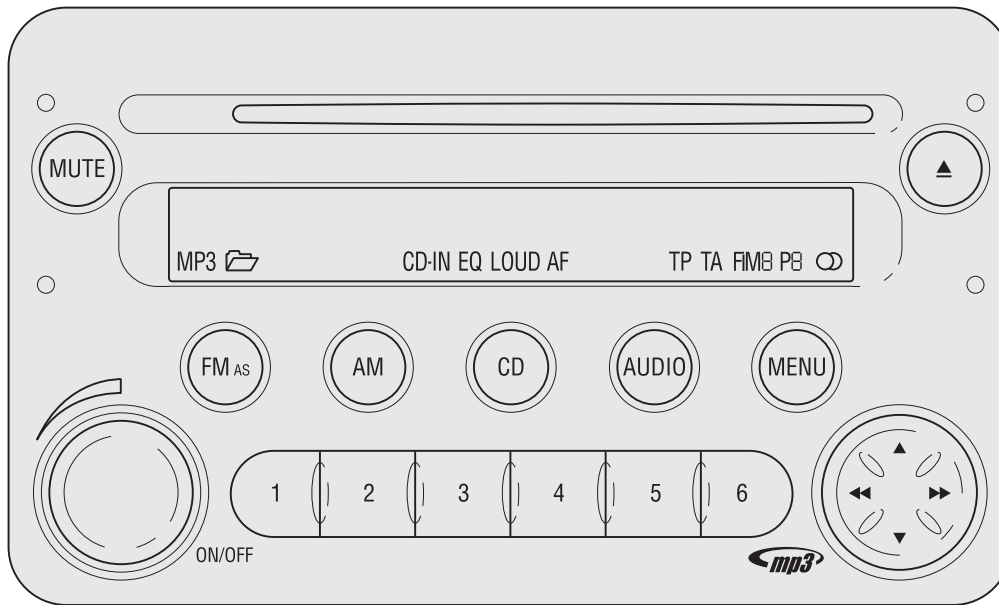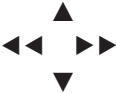
A0F0531m

Button	GENERAL FUNCTIONS	Mode
ON/OFF	On	Brief press on knob
	Off	Long press on knob
	Volume adjustment	Turn knob leftwards/rightwards

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Button	GENERAL FUNCTIONS	Mode
FMAS	FM1, FM2, FM Autostore radio source selection	Repeated brief press on button
AM	MW, MW1, MW2 radio source selection	Repeated brief press on button
CD	Radio CD/CD-Changer/Media Player source selection (with Blue&Me™ only)	Repeated brief press on button
MUTE	Volume on/off (MUTE/PAUSE)	Brief press on button
AUDIO	Audio settings: low tones (BASS), high tones (TREBLE), left/right balance (BALANCE), front/rear balance (FADER)	Activate menu: brief press on button Select setting type: press buttons ▲ or ▼ Adjust settings: press buttons ◄◄ or ►►
MENU	Advanced functions settings	Activate menu: brief press on button Select setting type: press buttons ▲ or ▼ Adjust settings: press buttons ◄◄ or ►►

| Button	TUNER FUNCTIONS	Mode
▲ ◄◄ ►► ▼	Search radio station: • Automatic search • Manual search	Automatic search: press buttons ◄◄ or ►► (hold pressed to fast forward) Manual search: press buttons ▲ or ▼ (hold pressed to fast forward)
1 2 3 4 5 6	Store current radio station	Long press on buttons for memory preset 1 to 6
	Recall stored station	Brief press on buttons for memory preset 1 to 6

Button	CD FUNCTIONS	Mode
△	Eject CD	Brief press on button
◄◄ ►►	Play previous/next track	Brief press on buttons ◄◄ or ►►
	CD track fast forward/backward	Long press on buttons ◄◄ or ►►
▲ ▼	Play previous/next disc (for CD-Changer)	Brief press on buttons ▲ or ▼
	Play previous/next folder (for CD-MP3)	Brief press on buttons ▲ or ▼
▲ ▼	Select previous/next folder/artist/genre/album according to active selection mode	Brief press on button
◄◄ ►►	Play previous/next track	Brief press on button

Button	Media Player FUNCTIONS (with Blue&Me™ only)	Mode
▲ ▼	Select folder/artist/genre/previous/next album according to the active selection mode	Brief press on button
◄◄ ►►	Play previous/next track	Brief press on button

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CONTROLS ON STEERING WHEEL
(for versions/markets, where provided)
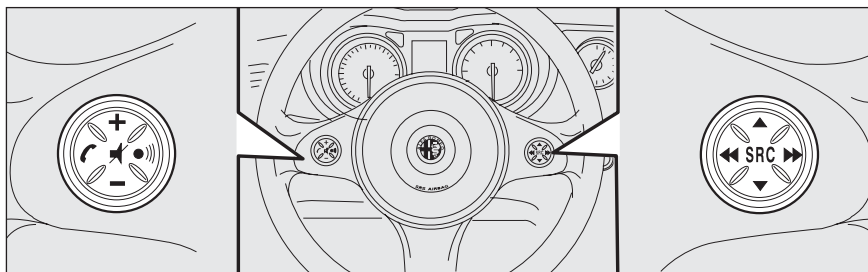
A0E0532m

Button	FUNCTION	Mode
◀	AudioMute on/off (Radio mode) or Pause (Media Player mode - with Blue&Me™ only)	Brief press on button
+	Volume up	Press button
−	Volume down	Press button
SRC	Select radio frequency range (FM1, FM2, FMT, FMA, MW) or audio source: Radio - CD - MP3 - CD Changer or Media Player (with Blue&Me™ only)	Press button
▲	Radio: recall pre-selected stations (from 1 to 6) MP3: select next folder CD Changer: select next CD in CD Changer	Press button
▼	Radio: recall pre-selected stations (from 6 to 1) MP3: select previous folder CD Changer: select previous CD in CD Changer	Press button
◀◀	Radio: autosearch previous station CD player: select previous track CD Changer: select previous track	Press button
▶▶	Radio: autosearch next station CD player: select next track CD Changer: select next track	Press button

INTRODUCTION

The device offers the following functions:

Tuner section

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

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

❒ AF: alternative frequency search selection in RDS mode;

❒ emergency alarm set up;

❒ automatic/manual station tuning;

❒ FM Multipath detector;

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

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

❒ SPEED VOLUME function (excluding versions with Bose HI-FI system): speed-dependent automatic volume adjustment;

❒ automatic Stereo/Mono selection.

CD section

❒ Direct disc select;

❒ Track select (forward/backward);

❒ Fast track search (forward/backward);

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

❒ Play audio CD, CD-R and CD-RW.

> *Multimedia CDs include data tracks in addition to the audio tracks. Playing this type of CD could cause hissing at a volume that could jeopardise road safety as well as damage the output stages and the speakers.*

CD MP3 section

❒ MP3-Info function (ID3-TAG);

❒ Select folder (previous/next);

❒ Select track (forward/backward);

❒ Fast track search (forward/backward);

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

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

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.

Media Player section (with Blue&Me™ only)

See description in the Blue&Me™ supplement for Media Player operations.

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FUNCTIONS AND SETTINGS

SWITCHING ON
THE CAR RADIO

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

When the car radio is turned on the volume is limited to 5 if the value was higher than this when the radio was last used.

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

SWITCHING OFF
THE CAR RADIO

Keep the ON/OFF button/knob pressed.

SELECTING THE
TUNER FUNCTION

Pressing the FMAS button quickly and repeatedly to cyclically select the following audio sources:

❒ TUNER ("FM1", "FM2", "FMT");

Press the AM button quickly and repeatedly to cyclically select the following audio sources:

❒ TUNER ("MW1", "MW2").

SELECTING CD/CD CHANGER
FUNCTIONS

Press the CD button briefly and repeatedly to cyclically select the following audio sources:

❒ CD (only if a CD is inserted);

❒ CHANGER (CD Changer - only if the CD Changer is connected).

AUDIO SOURCE MEMORY
FUNCTION

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

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

VOLUME SETTING

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

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

MUTE/PAUSE FUNCTION (zeroing the volume)

Press the MUTE button briefly to activate the Mute function. The volume will gradually decrease and the words "RADIO Mute" will appear on the display (in tuner mode) or "PAUSE" (in CD or CD-Changer mode).

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

When the volume is changed using the dedicated controls, the Mute function is deactivated and the volume is adjusted to the new selected level.

Mute will be ignored when there is an incoming traffic alert (if the TA function is activated) or if an emergency alarm is received. The function will be reactivated when the alert is over.

AUDIO SETTINGS

The audio menu functions depend on the activated function: AM/FM/CD/CDC/Media Player (with Blue&Me™ only).

Press the AUDIO button briefly to change the Audio functions. After the AUDIO button is first pressed, the display will show the bass level value for the source activated at that time (e.g. in FM mode the display will show "FM Bass + 2").

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

The current status of the function selected will be shown on the display.

The functions managed by the Menu are:

❒ BASS (bass adjustment);

❒ TREBLE (treble adjustment);

❒ BALANCE (right/left balance adjustment);

❒ FADER (front/rear balance adjustment);

❒ LOUDNESS (excluding versions with Bose HI-FI system) (LOUDNESS function on/off);

❒ EQUALIZER (excluding versions with Bose HI-FI system) (activation and selection of factory equalizer settings);

❒ USER EQUALIZER (excluding versions with Bose HI-FI) (customised equalizer settings).

TONE SETTING (bass/treble)

Proceed as follows:

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

❒ press the button ◄◄ or ►► to increase/decrease the bass or treble settings.

By pressing the buttons briefly, the levels will change progressively. Hold pressed to adjust the levels faster.

BALANCE SETTING

Proceed as follows:

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

❒ press the ◄◄ button to turn up the sound from the right speakers or the ►► button to turn up the sound from the left speakers.

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

Select the "◄◄ or ►►" value to set the right and left audio outputs at the same value.

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FADER SETTING

Proceed as follows:

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

❒ press the ◄◄ button to turn up the sound coming from the rear speakers or the ►► button to turn up the sound coming from the front speakers.

By pressing the buttons briefly, the levels will change progressively. Hold pressed to adjust the levels faster.

Select the "◄◄ or ►►" value to set the same level for the front and rear audio outputs.

LOUDNESS FUNCTION
(excluding versions with Bose HI-FI system)

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

To turn the function on/off, select "Loudness" in the the AUDIO menu using the ▲ or ▼ button. The function status (on or off) is shown on the display for a few seconds by the words "Loudness On" or "Loudness Off".

PRESET/USER*/ CLASSIC/ ROCK/JAZZ functions (equalizer on/off) (excluding versions with Bose HI-FI system)

The built-in equalizer can be activated/deactivated. When the equalizer function is off, the audio settings can only be changed by adjusting the bass and treble settings, whereas when the function is on, the acoustic curves can be adjusted.

To turn the equalizer off, select the "EQ Preset" function using the ◄◄ or ►► buttons.

To turn the equalizer on, use the ◄◄ or ►► buttons to select one of the settings:

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

❒ "Classic" (optimal equalizer presetting for classical music);

❒ "Rock" (optimal equalizer presetting for rock and pop music);

❒ "Jazz" (optimal equalizer presetting for jazz music);

"EQ" will appear on the display when one of the equaliser presets is active.

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

To set a personalized equalizer adjustment, point to USER using button ▲ or ▼ and press button ▼ for a while.

A graph with 7 bars will appear on the display, where each bar represents a frequency. Select the bar to adjust using the ◄ ◄ or ► ► buttons; the bar selected will start flashing and can be adjusted using the ▲ or ▼ buttons.

Press the AUDIO button again to store the setting. The display will show the source activated at the time followed by the word User. If the mode is, for example, FM, then the display will show "FM EQ User".

MENU

MENU button functions

Press the MENU button briefly to activate the Menu function. The display will show the first menu item that can be adjusted (AF) ("AF Switching On" on the display).

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

The current status of the function selected will be shown on the display.

The functions managed by the Menu are:

❒ AF SWITCHING (ON/OFF)

❒ TRAFFIC INFORMATION (ON/OFF)

❒ REGIONAL MODE regional programmes (ON/OFF)

❒ MP3 DISPLAY (CD MP3 display setting)

❒ SPEED VOLUME (excluding versions with Bose HI-FI system) (volume setting according to speed)

❒ RADIO ON VOLUME (radio volume maximum limit on/off)

❒ EXTERNAL AUDIO (telephone volume)

❒ RADIO OFF (off mode)

❒ SYSTEM RESET.

Press the MENU button again to exit the Menu function.

IMPORTANT AF SWITCHING, TRAFFIC INFORMATION and REGIONAL MODE adjustments are only possible in FM mode.

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AF SWITCHING function (alternative frequency search)

The radio can operate in two different modes in the RDS mode:

❒ "AF Switching On" - search for alternative frequencies activated (the letters "AF" appear on the display);

❒ "AF Switching Off" - search for alternative frequencies not activated.

Proceed as follows to switch the function on/off:

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

❒ briefly press the ◀◀/▶▶ buttons to turn the function on/off.

With the function on, the radio automatically tunes into the station with the strongest signal broadcasting the same programme. In this way when driving you can continue listening to the same station without having to change the frequency when you change areas.

Obviously, it must be possible to receive the station that you are listening to in the area you are driving through.

"AF" will light up in the display when the AF function is on.

If the AF function has been activated and the radio is not able to receive the tuned station, the radio activates the automatic search, during which "FM Search" appears on the display (for versions/markets, where provided).

With the AF function deactivated, the remaining RDS functions, such as the display of the station name, still remain active.

The AF function can only be activated on FM bands.

TRAFFIC INFORMATION function (traffic announcements)

Some stations on the FM band (FM1, FM2 and FMA) can transmit information about traffic conditions. The letters "TA" will appear in the display in this case.

Proceed as follows to switch the TA function on/off:

❒ press the MENU button and select "Traffic Info";

❒ briefly press the ◄◄/►► buttons to turn the function on/off.

If the TA function is activated, "TA" will light up on the display.

IMPORTANT If the TA function is activated with an audio source other than Tuner (Radio) (CD, MP3, Telephone or Mute/Pause), the radio can carry out an automatic search and therefore the frequency tuned into may be different from the one set previously when selecting the Tuner (Radio) source again.

With the TA function:

❒ search only for RDS stations that transmit on the FM band, which are enabled to transmit traffic information;

❒ receive traffic information even if the CD player/CD Changer function is on;

❒ receive traffic information at a minimum preset volume even with the radio volume off.

IMPORTANT In some countries there are radio stations that do not broadcast traffic information even with the TA function activated ("TA" on the display).

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

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

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

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

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

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

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

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REGIONAL MODE function (reception of regional broadcasts)

Some national broadcasters will transmit regional programmes at certain times of the day (that vary from region to region). This function makes it possible to tune into local (regional) broadcasters automatically (see EON function paragraph).

If you want the radio to automatically tune into the regional stations being broadcast on the network selected, the function must be activated.

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

The current status of the function will appear on the display:

❒ "Regional Mode: On" - function on.

❒ "Regional Mode: Off" - function off.

If the function is deactivated and you have tuned into a regional station working in a given area and you enter a different area, then the regional station received in the new area will be broadcast.

IMPORTANT If the AF and REG functions are on at the same time, once a border between two regions is crossed, the radio may not switch correctly to a valid alternative frequency.

MP3 DISPLAY function (display of MP3 Compact Disc information)

This function is used to select the information shown by the display when listening to a CD containing MP3 tracks.

The function can only be selected if a CD MP3 is inserted: in this case "MP3 Display" will appear on the display.

To change the function, use the ◄◄ or ►► buttons.

There are six available settings:

❒ "Title" (if ID3-TAG is available)

❒ "Author" (if ID3-TAG is available)

❒ "Album" (if ID3-TAG is available)

❒ "Folder" name

❒ "File" name

SPEED VOLUME function (volume setting according to speed) (excluding versions with Bose HI-FI system)

This function automatically adapts the volume level to the speed of the car, turning up the volume when the speed increases to maintain the ratio with the noise level inside the passenger compartment.

To turn the function on/off, use the ◄◄ or ►► buttons. The current status of the function will appear on the display:

❐ Off: function off

❐ Low: function on (low setting)

❐ High: function on (high setting).

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

This function is used to turn the maximum volume limit on/off when turning the radio on.

The display shows the function status:

❐ "On volume limit: on" - when the radio is switched on the volume level will be:
  – the maximum volume if the volume level is equal to or higher than the maximum value;
  – the same as before it was switched off if the volume level is between the minimum and maximum values;
  – minimum volume if the volume level is equal to or lower than the minimum.

❐ "On volume limit: off" - the radio will come on at the volume level it was at before switching off. The volume may be between 0 and 40.

Use the ◄◄ / ►► buttons to change the setting.

NOTES

❐ The menu can only be used to turn the function on/off and not to set the minimum or maximum volume.

❐ If the "TA" or "TEL" functions or an outside audio source are activated when the radio is turned on, the radio will come on at the volume set for these sources. When the outside audio source is deactivated, the volume can be adjusted between the minimum and maximum levels.

❐ If the battery charge is low, it will not be possible to adjust the volume between the minimum and maximum levels.

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EXTERNAL AUDIO function (telephone volume adjustment)

Turn the ON/OFF button/knob or press the ◀◀/▶▶ buttons to adjust (settings from 1 to 40) or mute (OFF setting) the volume of the telephone and the Blue&Me™ (except the Media Player function).

The display shows the current function status:

❒ "Extern audio: Off" - function off.

❒ "Extern volume: 23" - function on with volume setting 23.

RADIO OFF function (on and off mode)

This function is used to select the mode for switching off the radio between two different procedures. To activate the function, use the ◀◀ or ▶▶ buttons.

The selected mode will appear on the display:

❒ "Radio off: 00 min": the radio is turned off by the ignition key automatically as soon as the key is extracted;

❒ "Radio off: 20 min": the radio turns off independently of the ignition key; it remains on for a maximum period of 20 minutes after the key has been extracted.

IMPORTANT If the radio is turned off automatically after the ignition key is extracted (immediately or with a delay of 20 minutes), it will come on again automatically when the key is inserted in the switch again. On the contrary, if the radio is turned off by pushing the ON/OFF button, it will remain off when the key is inserted in the ignition switch.

SYSTEM RESET function

This function is used to restore all settings to their preset factory values. The options are:

❒ NO: no restore intervention;

❒ YES: the default parameters are restored. During this operation, the message "Resetting" will appear on the display. At the end of the operation, the source does not change and the previous situation will be displayed.

TELEPHONE SETUP

If a hands-free kit is installed on the car, when there is an incoming phone call the car radio audio will be connected to the telephone output. The incoming telephone sound is always at a fixed volume, but it can be adjusted during the conversation using the ON/OFF button/knob.

The fixed telephone audio volume can be adjusted using the External audio function in the Menu. The word PHONE will appear on the display when the audio is muted for the phone call.

ANTI-THEFT PROTECTION

The radio is equipped with an anti-theft protection system based on the exchange of information between the car radio and the electronic control unit (Body Computer) on the vehicle.

This system guarantees maximum security and avoids having to enter the secret code every time the radio power supply is disconnected.

If the outcome of the check is positive, the radio will start to work, whilst if the codes compared are not the same or if the electronic control unit (Body Computer) is replaced, the equipment will notify the user of the need to enter the secret code following the procedure in the paragraph below.

Entering the secret code

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

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

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

If the four digits are not entered within 20 seconds, the message "Enter code - - -" will appear again on the display for 2 seconds, followed by four dashes "- - - -". This event is not considered an incorrect entering of the code.

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

If an incorrect code is entered, the radio will emit a sound and the display will show "Radio blocked/wait" to notify the user of the need to enter the correct code.

Each time the user enters an incorrect code, the waiting time will gradually increase (1 min, 2 min, 4 min, 8 min, 16 min, 30 min, 1 h, 2 h, 4 h, 8 h, 16 h, 24 h) up to a maximum of 24 hours. The waiting time will be shown on the display by "Radio blocked/wait". After the message disappears, the code entering procedure may be started again.

Code Card

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

IMPORTANT Keep the Code Card somewhere safe so that the authorities can be supplied with the relevant information if the radio is stolen.

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RADIO (TUNER)

INTRODUCTION

When the radio is turned on the last function selected before it was switched off is activated: Radio, CD, CD MP3 or Media Player (solo con Blue&Me™).

To select the Radio function whilst listening to another audio source, press the FMAS or AM buttons briefly, depending on the desired band.

Once the Radio mode has been activated, the display will show the name (only RDS stations) and the frequency of the selected radio station, the frequency band selected (ex. FM1) and the preset button number (ex. P1).

FREQUENCY BAND SELECTION

With the Radio mode activated, press the FMAS or AM button briefly and repeatedly to select the desired reception band.

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

❒ Pressing the FMAS button: "FM1", "FM2", "FMA";

❒ Pressing the AM button: "MW1" and "MW2".

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

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

The FM band is divided into sections: FM1, FM2 and FMA; the FMA reception band is reserved for stations stored automatically using the Autostore function.

PRESET BUTTONS

The buttons numbered from 1 to 6 can used to set the following presettings:

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

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

To listen to a preset station, select the desired frequency band and then briefly press the corresponding preset button (from 1 to 6).

By pressing the preset button for more than 2 seconds, the station tuned into will be stored. The storing phase is confirmed by an acoustic signal.

STORING THE LAST STATION LISTENED TO

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

AUTOMATIC TUNING

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

If the button ◄ ◄ or ► ► is pressed down longer, the fast search starts. When the button is released, the tuning will stop at the next station that can be received.

If the TA function (traffic information) is on, the tuner will only search for stations that broadcast traffic updates.

MANUAL TUNING

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

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

AUTOSTORE FUNCTION
(automatic station storing)

To activate the Autostore function, keep the FMAS button pressed until the acoustic confirmation signal. With this function, the radio automatically stores the 6 stations with the strongest signal in a decreasing order on the FMA frequency band.

During the automatic storing process, "Autostore" will appear flashing on the display.

To interrupt the Autostore function, press the FMAS button again: the radio will again tune into the station listened to before the function was activated.

When the Autostore scan is concluded, the radio will automatically tune into the first preset station on the FMA band (preset 1).

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

When the Autostore function is activated in the MW1 o MW2 band, the FMA band is automatically selected and the scan is started.

IMPORTANT Sometimes Autostore cannot find six stations with a strong signal. In this case, the strongest stations will be duplicated in the free preset buttons.

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

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EMERGENCY ALARM RECEPTION

The radio can receive emergency alerts in RDS mode in exceptional circumstances or when dangerous situations are threatened (earthquakes, floods, etc.) if these are being transmitted by the broadcaster tuned into.

This function is activated automatically and cannot be turned off.

The word ALARM will be shown in the display during the transmission of an emergency announcement. The volume of the radio will change during this announcement in the same way as during a traffic bulletin.

EON FUNCTION (Enhanced Other Network)

In some countries, there are circuits that group multiple broadcasters that transmit traffic information together. In this case, the programme on the station that is being listened to will be temporarily interrupted to:

❒ receive traffic information (only with the TA function on);

❒ listen to regional transmissions each time they are transmitted by one of the broadcasters in the same circuit.

STEREO STATIONS

If the incoming signal is weak, the reproduction is automatically switched from Stereo to Mono.

CD PLAYER

INTRODUCTION

This chapter describes the variants regarding the operation of the CD player: as far as the operation of the radio is concerned, refer to the description in the "Functions and adjustments" chapter.

SELECTING THE CD PLAYER

To activate the CD player built-into the equipment, proceed as follows:

❒ load a CD with the equipment switched on: the first track will start to play;

or

❒ if a CD has already been loaded, turn on the car radio and then briefly press the CD button to select the "CD" operating mode: the last track listened to will start to play.

It is advisable to use original CDs to ensure optimum playback. If CD-R/RWs are used, we recommend using good quality disc burnt at the slowest speed possible.

LOADING/EJECTING A CD

To load the CD, insert it gently into the slot to activate the motorised loading system, which will position it correctly.

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

When a CD is loaded the display will show "CD-IN" and the words "CD Reading". They will remain displayed for the entire time required for the radio to read the CD tracks. When this time has elapsed the radio will automatically start to play the first track.

Press the ▲ button, with the device turned on, to activate the CD motorised ejecting system. After ejection, the last audio source listened to before playing the CD will be heard.

If the CD is not removed from the car radio, it will automatically be reloaded about 20 seconds later and the Tuner mode will be tuned into (Radio).

The CD cannot be ejected if the car radio is off.

If the ejected CD is loaded without having removed it completely from the slot, the radio will not switch to the CD source.

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ERROR MESSAGES

If the CD cannot be read (for example a CD-ROM was loaded or a CD was loaded upside down or there is a playback error), the message "CD Disc error" will appear on the display for approximately 2 seconds.

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

With an external audio source activated (TA, ALARM or Phone), the CD that cannot be read will not be ejected until these functions have ended. At the end, with the CD mode activated, the display will show the words "CD Disc error" for a few seconds and then the CD will be ejected.

DISPLAY INFORMATION

When the CD player is operating, the following information will appear on the display that has the following meaning:

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

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

TRACK SELECTION (forward/backward)

Briefly press the ◄◄ button to play the previous CD track and the ►► button to play the next track. The tracks are selected cyclically: the first track is selected after the last track and vice versa.

If the track has been played for more than 3 seconds, pressing the ◄◄ button will cause the track to be started again from the beginning. In this case, if you want to play the previous track, press the button twice consecutively.

FAST FORWARD/BACKWARD TRACK SELECTION

Keep the ►► button pressed down to fast forward the selected track and keep the ◄◄ button pressed down to play the track fast backward. The fast forward/backward function will stop once the button is released.

PAUSE FUNCTION

To pause the CD player, press the MUTE button. The words "CD Pause" will appear on the display.

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

If another audio source is selected, the pause function is turned off.

MP3 CD PLAYER

INTRODUCTION

This chapter describes the operation of the CD MP3 player variants only. Refer to the description in the "Functions and adjustments" chapter as far as the operation of the radio is concerned.

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

MP3 MODE

In addition to playing normal audio CDs, the car radio can also play CD-ROMs on which MP3 format compressed audio files are recorded. The radio works according to the methods described previously ("CD player") when an audio CD is inserted.

The use of good quality disc burnt at the slowest possible speed is recommended for optimum quality.

The files on the MP3 CD are in folders, with sequential lists of all the folders containing MP3 tracks (folders and sub-folders are all displayed on the same level) and folders that do not contain MP3 tracks cannot be selected.

The operating conditions and specifications for playing MP3 files are as follows:

❒ the CD-ROMs used must be burnt in compliance with the ISO9660 Specification;

❒ the music files must have an ".mp3" extension: files with a different extension cannot be played;

❒ the following sampling frequencies can be played: 44.1 kHz, stereo (96 to 320 kbit/s) - 22.05 kHz, mono or stereo (32 to 80 kbit/s);

❒ tracks with variable bit-rates can be played.

IMPORTANT The names of tracks must not contain the following characters: spaces, ' (apostrophes), (and) (open and close brackets). When a CD MP3 is being burnt, make sure that the file names do not contain these characters; otherwise, the car radio will not be able to play those tracks.

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SELECTING MP3 SESSIONS WITH HYBRID DISCS

If a hybrid disc is inserted (Mixed Mode, Enhanced, CD-Extra) also containing MP3 files, the radio automatically starts playing the audio session. It is possible to move to the MP3 session whilst playing by keeping the CD button pressed for more than 2 seconds.

IMPORTANT When the function is activated the radio may take a few seconds to start playback. Whilst checking the disc the display will show "CD Reading": if no MP3 files are detected, the radio will resume playing the audio session from the point where it was interrupted.

DISPLAY INFORMATION

ID3-tag information displaying

In addition to the information relating to the time elapsed, the name of the folder and the name of the file, the car radio can display ID3-TAG information relating to the track title, artist and author.

The name of the MP3 folder shown on the display corresponds to the name with which the folder was stored on the CD, followed by an asterisk.

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

If you wish to display ID3-TAG information (Title, Artist, Album) and this information has not been recorded for the track played, the information will be replaced by information relating to the name of the file.

SELECT NEXT/PREVIOUS FOLDER

Press the ▲ button to select the next folder or the ▼ button to select the previous folder. The name of the selected folder will be shown on the display.

The folders are selected cyclically: the first folder is selected after the last folder and vice versa.

If no other folder/track is selected during the next two seconds, the first track contained in the new folder will be played.

If the last track contained in the currently selected folder is played, the next folder will be played.

STRUCTURE OF THE FOLDERS

The radio with MP3 player:

❒ only recognises the folders that effectively contain MP3 format files

❒ if the MP3 files on a CD-ROM are structured in "sub-folders", their structure is compressed to a single level structure where the "sub-folders" are taken to the level of the main folders.

CD CHANGER (CDC)

To install and connect a Lineaccessori CD Changer contact only a Alfa Romeo Dealership.

INTRODUCTION

This chapter describes the operation of the CD Changer player variants only (for versions/markets, where provided); refer to the description in the "Functions and adjustments" chapter as far as the operation of the radio is concerned.

CD CHANGER SELECTION

Turn the radio on and briefly and repeatedly press the CD button until the "CD Changer" function is selected.

ERROR MESSAGES

Error messages are shown in the following cases:

❒ no CD is inserted in the CD Changer: the words "NO CD" will appear in the display until the listening source is changed;

❒ the CD selected cannot be read (the CD is not in the position selected or the CD has been incorrectly loaded) the number of the CD selected followed by the words "CD error" will appear on the display. The next CD is then selected; if there are no other CDs or these cannot be read either, the display will show the words "NO CD" until the listening source is changed;

❒ CD reading error: the words "CDC error" will appear on the display. The next CD is then selected; if there are no other CDs in the CD Changer (after the last CD the search begins again from the first) or these also cannot be read, the display will show the words "NO CD" until the listening source is changed;

❒ a CD-ROM is inserted: the next available CD will be selected.

CD SELECTION

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

If there is no disc present in the CD changer in the selected position, the words "NO CD" will appear briefly on the display. The next disc will then automatically be played.

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GENERAL SECTION

Low volume

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

Source cannot be selected

Nothing has been loaded. Load the CD or MP3 CD to be played.

CD PLAYER

The CD does not play

The CD is dirty. Clean the CD.
The CD is scratched. Try and use another CD.

The CD cannot be loaded

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

MP3 FILE READING

Skips tracks whilst playing MP3 files

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

The time of the MP3 tracks is not correctly displayed

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

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SERVICE

Alfa Services