Radio / CD

San Francisco CD72

US version   **7 642 808 310**

Operating instructions

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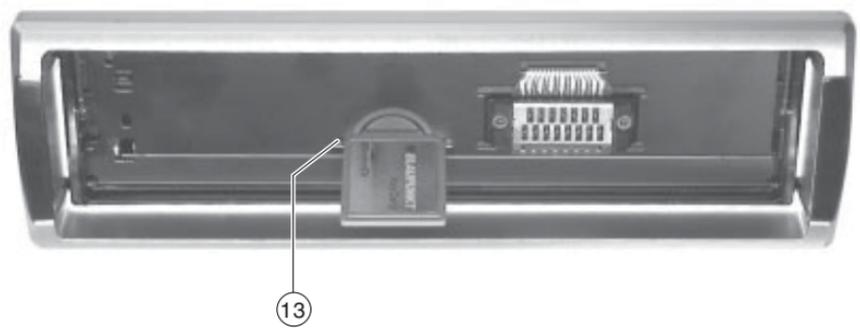
CONTROLS

(1) Button, to switch the unit on/off, volume control

(2) **Ⱨ** button,
to unlock the removable control panel (release panel)

(3) **NEXT** button,
to display the next pages of a menu,
to switch memory banks in radio mode

(4) Softkeys,
the function of the softkeys depends on the display content

(5) **DSA** button,
to open the equalizer menu

(6) **Ⱨ** button,
to open the retractable and detachable control panel (flip-release panel)

(7) Joystick

(8) **MENU** button,
to open the basic settings menu.

(9) **AUDIO** button,
to adjust the bass, treble, balance, fader and X-BASS (short press),
to mute the unit's volume (long press).

(10) Display

(11) **SOURCE** button,
to start CD playback / CD-changer playback or Compact Drive MP3 (only if connected)
or
to play another audio source (only if connected and activated)

(12) **TUNER** button,
to switch to radio mode,
to access the radio functions menu (only possible in radio mode)

(13) KeyCard slot into which the Key-Card can be inserted.

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Notes and accessories

Thank you for deciding to use a Blaupunkt product. We hope you enjoy using this new piece of equipment.

Please read these operating instructions before using the equipment for the first time.

The Blaupunkt editors are constantly working on making the operating instructions clearer and easier to understand. However, if you still have any questions on how to operate the equipment, please contact your dealer or the telephone hotline for your country. You will find the telephone numbers printed at the back of this booklet.

Road safety

⚠ Road safety has absolute priority. Only operate your car audio system if the road and traffic conditions allow you to do so. Familiarise yourself with the device before setting off on your journey.

You should always be able to hear police, fire and ambulance sirens from afar. For this reason, set the volume of whatever you are listening to at a reasonable level.

Safety information

⚠ The car radio and the device's control panel (flip-release panel) heat up during use. Therefore, when removing the flip-release panel, only hold it by its non-metallic surfaces. Allow the car radio to cool down first if you want to uninstall the whole unit.

Installation

If you want to install your car radio yourself, please read the installation and connection instructions that follow these operating instructions.

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NOTES AND ACCESSORIES

Accessories

Only use accessories approved by Blaupunkt.

Remote control

The supplied RC 10 remote control allows you to safely and conveniently access the most important functions of your car radio.

You cannot switch on/off using the remote control.

Screen aerial

You can connect two aerials to this unit. You can improve the unit's reception considerably by using the supplied screen aerial as a second antenna.

You will only have the full performance capabilities of the TwinCeiver concept at your disposal if two aerials are connected. In addition, you must correctly set the number of aerials in the menu. For further details, read the section entitled "Setting the number of aerials" in the "Radio mode" chapter.

Note:
To ensure that the tuner works correctly, the main aerial must always be connected to the lower aerial jack when operating the unit in single and twin aerial modes.

Amplifier

All Blaupunkt amplifiers can be used.

CD changer

The following CD changers can be obtained from accessory retailers for connection with this device: CDC A 03, CDC A 08, CDC A 072 and IDC A 09.

You can also connect the CDC A 071 CD-changer by using an adapter cable (Blaupunkt no.: 7 607 889 093).

Compact Drive MP3

As an alternative to a CD changer, you can connect the Compact Drive MP3 to access MP3 music tracks. If you decide to connect a Compact Drive MP3, you will first need to use a computer to store the MP3 music tracks on the Microdrive™ hard disk inside the Compact Drive MP3. Then, when the Compact Drive MP3 is connected to the car radio, you can play the tracks like normal CD music tracks. The Compact Drive MP3 is operated in a similar way to a CD changer. Most of the CD changer functions can also be used with the Compact Drive MP3.

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THEFT PROTECTION

Theft protection

Removable control panel

As a way of protecting your car radio against theft, the unit is equipped with a removable control panel (flip-release panel). Without this control panel, the car radio is worthless to a thief.

Protect your equipment against theft by taking the control panel with you every time you leave your vehicle. Do not leave the control panel in your vehicle - not even in a hiding place.

The control panel has been designed to be easy to use.

Notes:
- Never drop the control panel.
- Never expose the control panel to direct sunlight or other heat sources.
- Store the control panel in the supplied case.
- Avoid making direct skin contact with the control panel's contacts. If necessary, clean the contacts with a lint-free cloth and some alcohol.

Detaching the control panel
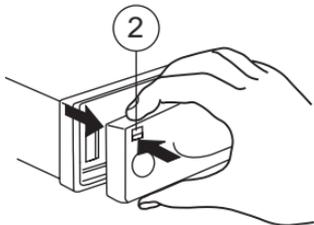
⇨ Press the 𝐕 button ②.

The control panel latch mechanism opens.

⇨ First, pull the control panel straight off the unit and then out towards the left.

- The unit switches off after the control panel is removed.
- All the current settings are saved.
- Any CD already inserted in the unit remains there.

Safety information

⚠ Risk of injury! Never remove the release panel whilst the control panel is opened out. You might injure yourself on the protruding metal parts of the release panel holder fitting.

Attaching the control panel

⇨ Slide the control panel from left to right into the unit's guide.

⇨ Press the left edge of the control panel into the unit until it clicks into place.
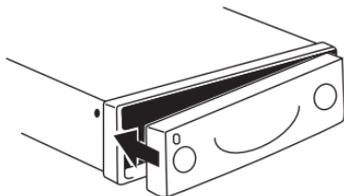
Note:
- When attaching the control panel, make sure you do not press the display.

THEFT PROTECTION

If the device was still switched on when you removed the control panel, the unit will switch on again with the last settings automatically activated (i.e. radio, CD, CD changer/Compact Drive MP3 or AUX) when the panel is replaced.

KeyCard

In addition to the removable control panel, your car radio is equipped with a KeyCard for added security. The KeyCard is required to activate the unit if the device was disconnected from the vehicle's power supply (e.g. after installing/removing the device or disconnecting the battery during repair work on the vehicle).

Once you have reactivated the device you should remove the KeyCard. Without the KeyCard, the car radio is worthless to a thief.

Notes:
● Keep the car KeyCard in a safe place but never in the vehicle.

● If you go on a longer trip, take your KeyCard with you so that you can reactivate your car radio if it is ever disconnected from the vehicle's power supply. The KeyCard has been designed to be easy to use and carry around.

Inserting the KeyCard

To insert the KeyCard in the unit,

⇨ detach the removable control panel as described in the section entitled "Detaching the control panel".

The slot for the KeyCard ⑬ is located behind the control panel.

⇨ Carefully insert the KeyCard with the contacts facing downwards and the bevelled edge pointing to the right into the slot until you feel it click into place.

⇨ Attach the control panel again as described in "Attaching the control panel".

"KEYCARD OK" appears briefly in the display.

Removing the KeyCard

To remove the KeyCard from the unit,

⇨ detach the removable control panel as described in the section entitled "Detaching the control panel".

The slot for the KeyCard ⑬ is located behind the control panel.

⇨ Push against the KeyCard until you feel it unlatch.

The KeyCard is ejected.

⇨ Carefully pull the KeyCard out of the slot.

⇨ Attach the control panel again as described in "Attaching the control panel".

Note:
● Never store the KeyCard in the vehicle.

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Preparing a second KeyCard

A second KeyCard can be prepared as an additional KeyCard. This means you can create a "spare key". You can obtain KeyCards from your Blaupunkt dealer.

If you want to prepare a second Key-Card, please refer to the instructions in the section entitled "Preparing a new KeyCard / entering the master code".

Note:
● A maximum of two KeyCards can be used with each device.

If you already have two KeyCards for the unit and then prepare a third, you will no longer be able to use the second KeyCard with the unit.

Lost or damaged KeyCard

If all the unit's KeyCards are damaged or lost, you can prepare up to two new KeyCards again.

You can purchase KeyCards from your Blaupunkt dealer.

Before you can use the new KeyCards, you will need the device's master code, which you can find printed on the car radio passport. To prepare a new Key-Card, please read the section entitled "Preparing a new KeyCard".

⚠ Keep the car radio passport and the KeyCard in a safe place but never in the vehicle.

Preparing a new KeyCard / entering the master code

If you no longer have a valid KeyCard for your unit or you want to prepare a second KeyCard:

⇨ Insert a new KeyCard that the unit is not yet "familiar" with.

⇨ Close the control panel.

⇨ Switch the unit off if it is not already off.

⇨ Simultaneously press and hold down the **TUNER** button ⑫ and the top left softkey ④.

⇨ Switch the unit on using button ①.

"0000" appears in the display.

Enter the four-digit master code that is printed on the car radio passport as follows:

⇨ Enter each of the master code's numbers using the joystick ⑦. To do so, repeatedly press the joystick up or down until the required number appears in the display.

⇨ You can move the input position by pressing the joystick ⑦ to the left or right.

⇨ If the master code is displayed correctly, press the joystick **OK** button ⑦.

The new KeyCard is accepted as soon as the unit switches to playback mode and "KEYCARD OK" appears briefly in the display.

Note:

- If you entered the master code incorrectly three times, you must wait for one hour. During this waiting period, "WAIT 1H" will appear in the display and the device cannot be operated. **Do not** switch the unit off during this period. After the hour has elapsed enter the correct master code.

Looking after the KeyCard

Keeping the contacts free from dirt and other particles will ensure that the KeyCard functions properly. Avoid making direct skin contact with the contacts.

If necessary, clean the KeyCard contacts with a lint-free cloth and some alcohol.

Switching on/off

There are various ways of switching the unit on/off.

Switching on/off using button ①

⇨ To switch the unit on, press button ① until you feel the latch open – the button pushes out.

The device switches on.

⇨ To switch the unit off, press button ① until you feel it click into place.

The unit switches off.

Switching on/off using the vehicle ignition

If the device is correctly connected to the vehicle's ignition and the unit was not switched off using button ①, it will switch on/off simultaneously with the ignition.

You can switch the unit on even if the ignition is off.

⇨ To do so, press button ① until you feel the latch open – the button pushes out.

Note:

- To protect the vehicle battery, the unit will switch off automatically after one hour if the ignition is off.

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Adjusting the volume

The volume can be adjusted in steps from 0 (off) to 50 (maximum).

To increase the volume,

⇨ turn the volume control ①to the right.

To decrease the volume,

⇨ turn the volume control ①to the left.

Limiting the power-on volume

After being switched off and on again, the unit plays at the volume that was heard last. You can set the maximum volume that you want the unit to play at when it is switched on.

If, before switching the unit off, the volume was higher than the set volume level, the unit will reset the volume back to the maximum value (that was set by you) when you switch the unit on again.

⇨ Press the **MENU** button ⑧.

⇨ Press the softkey ④assigned to the "VOL" display item.

⇨ Press the softkey ④assigned to the "ON" display item.

⇨ Set the required volume using the volume control ①.

⇨ Press the joystick **OK** ⑦to save your settings or the **MENU** button ⑧to close the menu without saving.

Note:

● To protect your hearing, the maximum power-on volume is limited to a value of "40".

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Activating mute

This feature allows you to instantaneously reduce the volume (mute).

⇨ Press the **AUDIO** button ⑨for longer than two seconds.

"MUTE" appears in the display.

Cancelling mute

⇨ riefly press the **AUDIO** button ⑨

or

⇨ turn the volume control ①.

Telephone audio

If your car radio is connected to a mobile telephone, the car radio's volume will be muted as soon as you "pick up" the telephone. The telephone conversation is then outputted over the car radio's loudspeakers. This requires that the mobile telephone is connected to the car radio as described in the installation instructions.

ADJUSTING THE VOLUME

Setting the telephone volume level

You can set the volume of incoming telephone calls.

⇨ Press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "VOL" display item.

⇨ Press the softkey ④ assigned to the "TEL" display item.

⇨ Set the required volume using the volume control ①.

⇨ Press the joystick **OK** ⑦ to save your settings or the **MENU** button ⑧ to close the menu without saving.

Note:

● You can also adjust the volume during the telephone call using the volume control ①. This setting applies to the current call and is not saved.

Navigation audio

Instead of connecting a second external audio source ("AUX2", see "External audio sources"), you can connect a navigation system.

If your car radio is connected to a navigation system and the navigation system outputs spoken information, the navigation voice output will be "mixed in" with the current audio source and will be outputted over the car radio's loudspeakers.

This requires that the navigation system is connected to the car radio as described in the installation instructions and is activated in the menu.

You can find out from your Blaupunkt dealer which navigation systems can be used with your car radio.

Activating navigation audio

You can either connect a second external audio source or a navigation system to this device. To do so, you must open the menu in order to set the device that is connected.

⇨ Press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "SETP" display item.

⇨ Press the softkey ④ assigned to the "AUX2" display item.

⇨ Press the softkey ④ assigned to the "NAVI" display item if a navigation system is connected.

⇨ Press the joystick **OK** ⑦ to save your settings or the **MENU** button ⑧ to close the menu without saving.

Setting the minimum navigation volume

You can set the volume level at which the navigation voice output is "mixed in" with the audio source.

Note:

● Set the volume on the navigation system to maximum. If the output sounds distorted, reduce the volume slightly on the navigation system.

⇨ Press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "VOL" display item.

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ADJUSTING THE VOLUME   SOUND

⇨ Press the softkey ④ assigned to the "NAVI" display item to adjust the volume for navigation systems.

⇨ Set the required volume using the volume control ①.

⇨ Press the joystick **OK** ⑦ to save your settings or the **MENU** button ⑧ to close the menu without saving.

Note:
● You can also adjust the volume during the voice output using the volume control ①. This setting applies to the current voice output and is not saved.

Sound (bass, treble and X-BASS)

You can adjust the bass, treble and X-BASS individually for each audio source.

Adjusting the bass

⇨ Press the **AUDIO** button ⑨.

"AUDIO 1" appears in the display.

⇨ Press the softkey ④ assigned to the "BASS" display item.

⇨ Move the joystick ⑦ up/right to boost the bass or move it down/left to reduce the bass.

When you have finished making your changes,

⇨ press the joystick **OK** ⑦ or the **AUDIO** button ⑨.

The settings are saved.

Adjusting the treble

⇨ Press the **AUDIO** button ⑨.

"AUDIO 1" appears in the display.

⇨ Press the softkey ④ assigned to the "TREB" display item.

⇨ Move the joystick ⑦ up/right to boost the treble or move it down/left to reduce the treble.

When you have finished making your changes,

⇨ press the joystick **OK** ⑦ or the **AUDIO** button ⑨.

The settings are saved.

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X-BASS

The X-BASS feature can be used to boost the bass at low volume levels.

Adjusting the X-Bass activation frequency

You can select the frequency at which you want X-Bass to be activated. This setting depends on the loudspeakers being used. Select as low a frequency as possible.

⇨ Press the **AUDIO** button ⑨.

"AUDIO 1" appears in the display.

⇨ Press the softkey ④ assigned to the "X-BASS" display item.

⇨ Move the joystick ⑦ left or right to adjust the X-BASS activation frequency.

Adjusting the X-Bass boost settings

⇨ Select the X-Bass activation frequency as described above.

⇨ Move the joystick ⑦ up to boost the X-BASS or move it down to reduce the X-BASS.

When you have finished making your changes,

⇨ press the joystick **OK** ⑦ or the **AUDIO** button ⑨.

The settings are saved.

Volume distribution

The balance and fader settings apply to all the audio sources.

Adjusting the right/left volume distribution (balance)

To adjust the balance,

⇨ press the **AUDIO** button ⑨.

"AUDIO 1" appears in the display.

⇨ Press the softkey ④ assigned to the "BAL" display item.

⇨ Move the joystick ⑦ up/right or down/left to adjust the right/left volume distribution.

When you have finished making your changes,

⇨ press the joystick **OK** ⑦ or the **AUDIO** button ⑨.

The settings are saved.

Adjusting the front/back volume distribution (fader)

To adjust the fader,

⇨ press the **AUDIO** button ⑨.

"AUDIO 1" appears in the display.

⇨ Press the softkey ④ assigned to the "FADE" display item.

⇨ Move the joystick ⑦ up/right or down/left to adjust the front/back volume distribution.

When you have finished making your changes,

⇨ press the joystick **OK** ⑦ or the **AUDIO** button ⑨.

The settings are saved.

SUBWOOFER AND CENTRE SPEAKER

Subwoofer and centre speaker

Selecting the subwoofer frequency

You can select the frequency at which you want to drive a connected subwoofer. This setting depends on the subwoofer being used.

⇨ Press the **AUDIO** button ⑨.

"AUDIO 1" appears in the display.

⇨ Press the softkey ④ assigned to the "SUB" display item.

⇨ Set the correct frequency for your subwoofer using the joystick ⑦.

Adjusting the subwoofer boost level

⇨ Select the subwoofer frequency as described above.

⇨ Move the joystick ⑦ up to boost level (volume) for the subwoofer or move it down to reduce the level.

When you have finished making your changes,

⇨ press the joystick **OK** ⑦ or the **AUDIO** button ⑨.

The settings are saved.

Adjusting the subwoofer phase

You can adjust the phase of the subwoofer output to suit your subwoofer. The phase setting can be set to "0°" or "180°".

⇨ Press the **AUDIO** button ⑨.

"AUDIO 1" appears in the display.

⇨ Press the **NEXT** button ③.

"AUDIO 2" appears in the display.

⇨ Press the softkey ④ assigned to the "SUBP" display item.

⇨ Use the softkey ④ that is assigned to the "SUBP" display item to switch between the 0 and 180 degree phase settings.

When you have finished making your changes,

⇨ press the joystick **OK** ⑦ or the **AUDIO** button ⑨.

The settings are saved.

SUBWOOFER AND CENTRE SPEAKER

ADJUSTING THE DISPLAY

Adjusting the centre speaker settings

You can select the frequency above which you want a connected centre speaker to be driven. You can also adjust the level for the centre speaker.

Selecting the centre speaker frequency

⇨ Press the **AUDIO** button ⑨.

"AUDIO 1" appears in the display.

⇨ Press the **NEXT** button ③.

"AUDIO 2" appears in the display.

⇨ Press the softkey ④ assigned to the "CENT" display item.

⇨ Set the correct frequency for your centre speaker using the joystick ⑦.

Adjusting the centre speaker boost level

⇨ Select the centre speaker frequency as described above.

⇨ Move the joystick ⑦ up to boost the level for the centre speaker or move it down to reduce the level.

When you have finished making your changes,

⇨ press the joystick **OK** ⑦ or the **AUDIO** button ⑨.

The settings are saved.

Adjusting the display

You can adjust the display to suit the installation position in your vehicle and your own preferences.

Adjusting the viewing angle

⇨ Press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "DISP" display item.

⇨ Press the softkey ④ assigned to the "ANGL" display item.

⇨ Move the joystick ⑦ up/right or down/left to adjust the viewing angle.

⇨ Press the joystick **OK** ⑦ or the **MENU** button ⑧ to close the menu.

The settings are saved.

Adjusting the display brightness

If your car radio is connected as described in the installation instructions, the display brightness will change when the headlights are turned on/off. The display brightness can be adjusted separately for night and day in steps ranging from 1 - 6. We recommend a setting of "6".

Daytime display brightness

⇨ Press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "DISP" display item.

⇨ Press the softkey ④ assigned to the "DAY" display item.

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⇨ Move the joystick ⑦ up/right or down/left to adjust the brightness.

⇨ Press the joystick **OK** ⑦ or the **MENU** button ⑧ to close the menu.

The settings are saved.

Night-time display brightness

⇨ Press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "DISP" display item.

⇨ Press the softkey ④ assigned to the "NGHT" display item.

⇨ Move the joystick ⑦ up/right or down/left to adjust the brightness.

⇨ Press the joystick **OK** ⑦ or the **MENU** button ⑧ to close the menu.

The settings are saved.

Setting the button illumination colour

You can choose the colour of the device's button illumination.

Choose between "COLOR 1" or "COLOR 2".

⇨ Press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "DISP" display item.

⇨ Repeatedly press the softkey ④ assigned to the "KEYS" display item until the required colour ("COLOR 1" or "COLOR 2") appears in the display.

⇨ Press the joystick **OK** ⑦ or the **MENU** button ⑧ to close the menu.

The settings are saved.

Adjusting the main display settings

You can select which information you want displayed in the second line of the screen's main display area.

In radio mode, the first line in the main display area contains the station name (if available). For the second line, you can choose between the clock ("CLK"), level display ("SPEC"), frequency ("FREQ") or programme type ("PTY").

In CD mode, the first line contains the current track. In CD-changer mode, it contains the track and the CD number. The clock, level display or playing time ("ELAP") are available for the second line.

⇨ Press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "DISP" display item.

⇨ Press the softkey ④ assigned to the "MAIN" display item.

⇨ Press the softkey ④ assigned to the required display type.

⇨ Press the joystick **OK** ⑦ or the **MENU** button ⑧ to close the menu.

The settings are saved.

RADIO MODE

Radio mode

This unit is equipped with two RDS radio receivers (TwinCeiver). Many of the receivable FM stations transmit a signal that not only carries the programme but also additional information such as the station name and programme type (PTY).

The station name appears in the display as soon as it is received. You can optionally display the programme type. For further details, please read the section entitled "Programme type (PTY)".

Adjusting the tuner settings

To ensure that the tuner works properly, the device must be configured for your region. You can choose between Europe and the USA. By default, the tuner is set to the region in which the device was sold. If you experience problems with radio reception, please check this setting.

➪ Press the **MENU** button ⑧.

➪ Press the softkey ④ assigned to the "SETP" display item.

➪ Press the softkey ④ assigned to the "AREA" display item.

➪ Press the softkey ④ assigned to the display item of the region that you require: "EURO" or "USA".

➪ Press the joystick **OK** ⑦ or the **MENU** button ⑧ to close the menu.

The settings are saved.

Setting the number of aerials

This unit is equipped with two RDS radio receivers (TwinCeiver). You can connect one or two aerials to the unit. If two aerials are connected, you can make use of directional reception when tuning into stations in DDA radio mode. Directional reception considerably improves reception quality in most cases.

Note:
● To ensure that the tuner works correctly, the main aerial must be connected to the lower aerial jack.

To set the number of aerials,

➪ press the **MENU** button ⑧.

➪ Press the softkey ④ assigned to the "SETP" display item.

The second page of the radio functions menu is displayed.

➪ Press the softkey ④ assigned to the "ANT" display item.

➪ Press the softkey ④ assigned to the display item for the number of aerials: "ONE" or "TWO".

To return to the menu,

➪ press the **TUNER** button ⑫ twice or the joystick **OK** ⑦.

The settings are saved.

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Switching to radio mode

If the device is in CD mode, cassette mode (depending on the version of the car radio) or CD changer/Compact Drive MP3 mode,

⇨ press the **TUNER** button ⑫.

The main radio menu for tuning into a station is displayed. The radio-mode functions are controlled in the radio functions menu. You can open the radio functions menu by pressing the **TUNER** button ⑫ in radio mode again. If you are in any other mode, you can open the radio functions menu by pressing the **MENU** button ⑧ followed by the softkey ④ that is assigned to the "TUNE" display item.

Selecting static/dynamic radio mode (only FM)

You can choose between two modes for FM radio mode:

Static radio mode ("PRE" and "DDA")

In static FM radio mode there are four memory banks (FM1, FM2, FM3 und FMT) at your disposal. You can store six stations in each of these memory banks. The receiver automatically tunes into the best receivable frequency for any station that you access from memory.

PRE mode (static)

● If you only have **one** aerial connected to the unit and you have configured it in the setup menu (see "Setting the number of aerials"), the device uses one tuner to play the tuned station while at the same time using the second tuner to constantly search for the best available frequency for the tuned station (if the RDS function is activated).

DDA digital directional antenna mode (static)

● If you have connected **two** aerials to the unit and have configured them in the setup menu (see "Setting the number of aerials"), the tuned station will be received using both aerials in DDA radio mode. The TwinCeiver continuously analyses the signals from both aerials and uses them to calculate a "clean signal" in order to reduce reception interference. This process has been developed by Blaupunkt and has a similar effect to using a directional aerial. Reception quality is considerably improved particularly in areas suffering from reception interference due to reflections from buildings and mountains, etc. In exceptional cases, for instance if two different stations are received on the same frequency, an undesirable effect will be the result. If this is the case, you should select dynamic radio mode (see "Selecting the radio mode" immediately below).

RADIO MODE

Dynamic radio mode

There are five memory banks (DL1 - DL5) at your disposal in dynamic radio mode. Whilst the station that is tuned into is being played, the second receiver searches in the background for receivable stations and displays the abbreviated names of all receivable stations alongside the softkeys in the memory bank. The stations are continuously updated ensuring that you always have access to all receivable stations.

Selecting the radio mode

To switch between the static and dynamic modes,

➪ press the **TUNER** button (12) in radio mode.

The radio functions menu appears in the display.

➪ Press the softkey (4) assigned to the "TUN2" display item.

The second page of the radio functions menu is displayed.

➪ Press the softkey (4) assigned to the "DYNL" display item for dynamic radio mode.

➪ Press the softkey (4) assigned to the "DDA" or "PRE" display item for static radio mode.

To return to the main radio menu,

➪ press the **TUNER** button (12) twice or the joystick **OK** (7).

The settings are saved.

Convenient RDS function (AF)

The RDS alternative frequency function (AF) extends your radio's range of functions (only in FM radio mode).

● AF: The unit automatically searches in the background for the frequency offering the best reception for the station that is currently tuned in.

Note:

● RDS must be separately activated/ deactivated in the radio functions menu.

Switching RDS on/off

To use the RDS function AF,

➪ press the **TUNER** button (12) in radio mode.

The radio functions menu appears in the display.

➪ Press the **NEXT** button (3).

➪ Press the softkey (4) assigned to the "RDS" display item.

"RDS ON" or "RDS OFF" appears briefly in the display.

➪ Press the **TUNER** button (12) or the joystick **OK** (7).

The settings are saved.

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Selecting the waveband / memory bank

This unit can receive programs broadcast over the FM and AM wavebands. There are four memory banks for the FM waveband and three memory banks for the AM waveband.

In dynamic radio mode (only FM) there are up to five memory banks at your disposal (DL1 - DL5).

Six stations can be stored in each memory bank.

Selecting the waveband

To select the FM or AM waveband,

⇨ press the **TUNER** button ⑫ in radio mode.

The radio functions menu appears in the display.

⇨ Press the softkey ④ assigned to the "BAND" display item.

⇨ Press the softkey ④ assigned to the "FM" display item for the FM waveband.

⇨ Press the softkey ④ assigned to the "AM" display item for the AM waveband.

The main radio menu for the selected waveband appears.

Selecting the memory bank

To switch between the FM1, FM2, FM3 and FMT or DL1 - DL5 memory banks or between AM1, AM2 and AMT,

⇨ press the **NEXT** button ③ repeatedly until the required memory bank appears in the display.

The memory banks are accessed in ascending order.

Tuning into a station

There are various ways of tuning into a station in static radio mode.

Automatic seek tuning

⇨ Move the joystick ⑦ down or up.

The unit tunes into the next receivable station.

Setting the sensitivity of station seek tuning

You can choose whether the system should only tune into stations with a strong reception or whether it can also tune into those with a weak reception.

⇨ Press the **TUNER** button ⑫ in radio mode.

The radio functions menu appears in the display.

⇨ Press the **NEXT** button ③.

⇨ Press the softkey ④ assigned to the "SENS" display item.

⇨ Press the softkey ④ assigned to the "FM" display item (if you want to set the FM search sensitivity) or the "AM" display item (if you want to set the AM search sensitivity).

RADIO MODE

The display shows the currently set value for the search sensitivity. "SENS 6" is the highest search sensitivity setting and means the tuner can receive distant stations. "SENS 1" is the lowest setting.

⇨ Move the joystick ⑦ up/right or down/left to adjust the search sensitivity.

⇨ Press the joystick **OK** ⑦ or the **MENU** button ⑧ to close the menu.

The settings are saved.

Storing stations (only in static radio mode)

Storing stations manually

⇨ Select the required FM memory bank (FM1, FM2, FM3, FMT) or AM1, AM2 or AMT.

⇨ Tune into the required station as described in the section entitled "Tuning into a station".

⇨ Press one of the six softkeys for longer than two seconds to store the station on that softkey.

Storing stations automatically (Travelstore - only in static radio mode)

You can automatically store the six stations with the strongest reception in the region. The stations are stored in the FMT or AMT memory bank.

Note:
● Any stations that were previously stored in this memory bank are deleted in the process.

Starting the Travelstore function

⇨ Press the **TUNER** button ⑫ in radio mode.

The radio functions menu appears in the display.

⇨ Press the softkey ④ assigned to the "TS" display item.

The station storing procedure begins. "T-STORE" appears in the display. After the process is completed, the station stored in FMT memory location 1 will be played.

Note:
● You can cancel the automatic storing procedure at any time by pressing any button.

Listening to stored stations

⇨ Select the memory bank.

⇨ Press the softkey ④ that is assigned to the station name or frequency of the station that you want to listen to.

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Programme type (PTY)

Besides transmitting the station name, some FM stations also provide information on the type of programme that they are broadcasting. Your radio can receive and display this information.

For example, the programme types can be:

CULTURE   TRAVEL   JAZZ

SPORT   NEWS   POP

ROCK   CLASSICS

Using the PTY function, you can directly select stations of a particular programme type.

If you specify the programme type and start seek tuning, the unit will switch from the current station to a station of the selected programme type.

Note:

● If no station is found that corresponds to the selected programme type, you will hear a beep sound and "NO PTY" appears briefly in the display. The radio will then re-tune to the station that was received last.

PTY-EON

If the tuned radio station or another station on the broadcasting network broadcasts the required programme type at a later point in time, the radio automatically switches from the currently tuned station or from CD mode, CD changer mode / CompactDrive MP3 mode or AUX mode to the station whose programme type matches the one you selected.

Activating PTY

To use the PTY function,

⇨ press the **TUNER** button (12) in radio mode.

The radio functions menu appears in the display.

⇨ Press the softkey (4) assigned to the "PTY" display item.

If PTY is activated, the display shows the current programme type. PTY lights up in the display. The programme types are displayed alongside the softkeys (4).

Cancelling PTY

To cancel the PTY function,

⇨ whilst the programme types are being displayed, press the softkey (4) assigned to the "OFF" display item.

Selecting a programme type and starting seek tuning

The PTY menu comprises several pages on which the known programme types are displayed. To browse through the PTY menu's pages,

⇨ repeatedly press the **NEXT** button (3) until the required programme type appears alongside one of the softkeys.

⇨ Press the softkey (4) assigned to the required programme type.

⇨ Move the joystick (7) up/right or down/left to start seek tuning.

The next receivable station corresponding to your selected programme type will then be tuned into.

RADIO MODE

If no station is found that corresponds to the selected programme type, you will hear a beep sound and "NO PTY" appears briefly in the display. The radio will then retune to the station that was received last.

Note:
- If you want to switch back to the programme types display,

⇨ briefly move the joystick ⑦ in any direction.

Optimising radio reception

Treble reduction feature during interference (HiCut)

The HiCut function improves the sound during poor radio reception. If interference occurs, the treble is automatically reduced thus reducing the interference level.

Setting HiCut

⇨ Press the **TUNER** button ⑫ in radio mode.

The first page of the radio functions menu is displayed.

⇨ Press the **NEXT** button ③.

⇨ Press the softkey ④ assigned to the "HCUT" display item.

⇨ Move the joystick ⑦ up/right or down/left to adjust the HiCut.

"HICUT 1" means a minor reduction will be made, and "HICUT 2" means a maximum reduction of the treble level and interference level will be applied.

⇨ Press the joystick **OK** ⑦ or the **MENU** button ⑧ to close the menu.

The settings are saved.

Setting the radiotext display

Some stations use the RDS signal to broadcast scrolling texts known as radiotexts. You can allow radiotexts to be displayed or you can block them.

⇨ Press the **TUNER** button ⑫ in radio mode.

The radio functions menu appears in the display.

⇨ Press the **NEXT** button ③.

The "second page" of the radio functions menu is displayed.

⇨ Press the softkey ④ assigned to the "RTXT" display item.

"RTXT ON" or "RTXT OFF" appears briefly in the display.

⇨ Press the **TUNER** button ⑫ or the joystick **OK** ⑦.

The settings are saved.

Setting stereo/mono

If reception is poor, you can make the radio play in mono.

⇨ Press the **TUNER** button ⑫ in radio mode.

The radio functions menu appears in the display.

⇨ Press the **NEXT** button ③.

The "second page" of the radio functions menu is displayed.

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⇨ Press the softkey ④ assigned to the "MONO" display item.

"MONO ON" or "MONO OFF" appears briefly in the display.

⇨ Press the **TUNER** button ⑫ or the joystick **OK** ⑦.

The settings are saved.

CD mode

You can use this device to play standard CDs with a diameter of 12 cm.

CD-Rs and CD-RWs (CDs that you have "burned" yourself) can generally also be played. Due to the varying quality of CDs, Blaupunkt cannot guarantee that this will work properly.

To ensure the system functions properly, only use CDs labelled with the compact disc logo. Problems might be experienced when trying to play copy-protected CDs. Blaupunkt cannot guarantee the proper functioning of copy-protected CDs!

⚠ Risk of severe damage to the CD drive!
CD singles with a diameter of 8 cm and non-circular contoured CDs (shape CDs) must not be used.
We accept no liability for any damage to the CD drive that may occur as a result of the use of unsuitable CDs.

Switching to CD mode and inserting a CD

● If there is no CD inserted in the unit yet,

⇨ press the ◣ button ⑥.

The control panel opens out towards you.

⇨ Insert the CD with the printed side uppermost into the CD compartment.

The CD is drawn into the drive.

CD MODE

You must not hinder or assist the drive as it draws in the CD.

The control panel closes automatically.

The CD menu appears and CD playback begins.

● If a CD is already inserted in the unit,

⇨ press the **SOURCE** button ⑪ repeatedly until CD mode is displayed.

The CD menu appears and playback begins from the point at which it was last interrupted.

Removing the CD

⇨ Press the ◣ button ⑥.

The control panel opens out towards you and the CD is ejected.

⇨ Carefully remove the CD.

⇨ Press the ◣ button ⑥.

The control panel closes.

Selecting tracks

⇨ Move the joystick ⑦ in one direction (up and right for the next track or down and left for the previous track) until the number of the required track appears in the display.

If you press the joystick ⑦ downwards once or to the left once, the current track will be played again from the beginning.

Fast searching (audible)

To fast search backwards or forwards,

⇨ press and hold down the joystick ⑦ in one direction (up and right for forwards or down and left for backwards) until fast searching begins.

The display shows the current playing time during the search operation.

Random track play (MIX)

⇨ Press the softkey ④ assigned to the "MIX" display item.

"MIX ON" appears briefly in the display. The next track that is played will be picked at random.

Cancelling MIX

⇨ Press the softkey ④ assigned to the "MIX" display item again.

"MIX OFF" appears briefly in the display.

Repeating tracks (REPEAT)

⇨ Press the softkey ④ assigned to the "RPT" display item.

"REPEAT ON" appears briefly in the display. The track is repeated until you deactivate RPT.

Cancelling REPEAT

⇨ Press the softkey ④ assigned to the "RPT" display item again.

"REPEAT OFF" appears briefly in the display. Normal playback is then resumed.

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Displaying CD text

Some CDs include CD texts. The CD text may contain the names of the artist, the album and track.

You can allow the CD text to be displayed as scrolling text every time you switch to another track. After the whole CD text has been shown once, the name of the track is displayed. If the inserted CD does not contain any CD text, "NO TEXT" will briefly appear in the display if the CD text feature is activated.

Activating CD text

⮕ Press the softkey ④ assigned to the "TEXT" display item.

Deactivating CD text

⮕ Press the softkey ④ assigned to the "TEXT" display item again.

Setting scrolling text

You can display the contents of the main display area as scrolling text.

Activating CD scrolling text

⮕ Press the softkey ④ assigned to the "SCRL" display item.

"SCROLL ON" appears briefly in the display.

Deactivating CD scrolling text

⮕ Press the softkey ④ assigned to the "SCRL" display item again.

"SCROLL OFF" appears briefly in the display.

CD changer mode (optional)

To find out which CD changers / Compact Drive MP3 can be used with this unit, please refer to the "Accessories" chapter in these instructions or contact your Blaupunkt dealer.

Note:
Information on handling CDs, inserting CDs and operating the CD changer can be found in the operating instructions supplied with your CD changer.

Information on using the Compact Drive MP3 and recording music tracks onto the Compact Drive MP3's Microdrive™ hard disk can be found in the operating instructions supplied with the Compact Drive MP3.

Switching to CD changer mode

⮕ Press the **SOURCE** button ⑪ repeatedly until the CD changer menu is displayed.

Playback continues from the point at which it was last interrupted. If the magazine was removed from the CD changer and then replaced, the CD magazine will first be scanned, and playback will begin from the first track on the first CD that the CD changer detects.

CD CHANGER MODE

Selecting CDs

To move up or down to another CD,

⇨ press the softkey ④ assigned to the display item of the required CD (CD1 – CD10). To do so, you might need to switch to the "second page" of the main CD-changer menu using the **NEXT** button ③.

or

⇨ Press the joystick ⑦ up or down to select the next or previous CD.

Selecting tracks

To move down or up to another track on the current CD,

⇨ repeatedly press the joystick ⑦ to the left or right until the number of the required track appears in the display.

If you press the joystick ⑦ once to the left, the current track will be played again from the beginning.

Fast searching (audible)

To fast search backwards or forwards,

⇨ press and hold down the joystick ⑦ to the left or right until fast searching backwards/forwards begins.

The display shows the current playing time during the search operation.

Repeating individual tracks or whole CDs (REPEAT)

⇨ Press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "CDC" display item.

The CD changer functions menu appears.

⇨ Press the softkey ④ assigned to the "RPT" display item.

"RPT TRCK" appears briefly in the display.

To repeat the whole CD,

⇨ press the softkey ④ assigned to the "RPT" display item again.

"RPT CD" appears briefly in the display.

Cancelling REPEAT

To stop the current track or current CD from being repeated,

⇨ repeatedly press the softkey ④ that is assigned to the "RPT" display item until "RPT OFF" appears briefly in the display.

Random track play (MIX)

To play the tracks on the current CD in random order,

⇨ press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "CDC" display item.

The CD changer functions menu appears.

⇨ Press the softkey ④ assigned to the "MIX" display item.

"MIX CD" appears in the display.

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CD CHANGER MODE

To play the all the tracks on all inserted CDs in random order,

⇨ press the softkey ④ assigned to the "MIX" display item again.

"MIX ALL" appears in the display.

Note:

● In the case of the CDC A 03, CDC A 08 and the IDC A 09, all the CDs and all the tracks in the changer are picked at random. In the case of any other changer, all the tracks on one CD are played randomly first before the next CD in the changer is played.

Cancelling MIX

To cancel MIX,

⇨ repeatedly press the softkey ④ that is assigned to the "MIX" display item until "MIX OFF" appears briefly in the display.

Naming CDs

The car radio allows you to assign names for up to 99 CDs (not with the Compact Drive MP3) so that you can recognise them more easily. The names can be a maximum of eight characters long.

If you try assigning more than 99 names, "FULL" will appear in the display.

Entering / editing CD names

⇨ Listen to the CD that you want to name.

⇨ Press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "CDC" display item.

The CD changer functions menu appears.

⇨ Press the softkey ④ assigned to the "NAME" display item.

You will now enter edit mode. If your chosen CD does not have a name yet, seven underscores will appear in the display. The current input position flashes.

⇨ Move the joystick ⑦ up or down to select the character you want. If you want an empty space, simply select the underscore.

⇨ Move the joystick ⑦ to the left or right to change the input position.

⇨ To save the name, press the joystick **OK** ⑦.

Deleting a CD name

⇨ Listen to the CD whose name you want to delete.

⇨ Press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "CDC" display item.

⇨ Press the softkey ④ assigned to the "NAME" display item.

You will now enter edit mode. The name of the CD appears in the display and the current input position flashes.

⇨ Move the joystick ⑦ up or down to select the underscore character.

⇨ Move the joystick ⑦ to the left or right to change the input position.

⇨ Insert an underscore at every input position.

⇨ Press the joystick **OK** ⑦.

The CD name will be deleted.

Deleting all CD names

You can delete all the CD names stored in the unit.

⇨ To delete all the CD names, press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "CDC" display item.

⇨ Press the softkey ④ assigned to the "CLR" display item.

"CDC CLEAR" appears in the display. The process can take up to 45 seconds depending on how many CD names have been stored.

Note:

● This function is not available for the Compact Drive MP3. If you use this function with the Compact Drive MP3, "CDC CLEAR" is displayed for 45 seconds. You will not be able operate the unit during this time period.

CLOCK - Time

Setting the clock

The clock can be set automatically using the RDS signal. You can also set the clock manually if you cannot receive a radio station that supports this feature.

Setting the clock automatically

To set the clock automatically,

⇨ press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "VARI" display item.

⇨ Repeatedly press the softkey ④ assigned to the "CSYN" display item until "RDS SYN ON" appears briefly.

"RDS SYN ON" means that the clock is set automatically using the RDS signal.

Setting the clock manually

⇨ To set the time, press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "VARI" display item.

⇨ Press the softkey ④ assigned to the "CSET" display item.

The time appears in the display, and the hours flash.

⇨ Adjust the hours by moving the joystick ⑦ up or down.

To adjust the minutes,

⇨ briefly press the joystick ⑦ to the right.

The minutes flash.

⇨ Adjust the minutes by moving the joystick ⑦ up or down.

⇨ Press the joystick **OK** ⑦ to save your settings or the **MENU** button ⑧ to close the menu without saving.

DSA digital sound adjustment

This unit is equipped with a digital sound calibration feature (DSA – **D**igital **S**ound **A**djustment).

It provides you with three self-calibrating user equalizers (EQ1, EQ2 and EQ3). Each user equalizer consists of a 9-band graphic equalizer and a parametric 4-band equalizer.

Each user equalizer has two channels (front and back) at its disposal.

The EQ1 - EQ3 equalizers can be calibrated automatically with the help of the microphone (included).

The automatically ascertained values of the graphic equalizer can also be adjusted manually. The automatically ascertained values of the parametric components cannot be adjusted.

In addition, you can also optimise the sound using a dynamic vehicle noise cover-up feature (DNC), various presets for different music styles (Preset EQ), stage effects and sound effects.

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DSA - EQUALIZER

Switching DSA on/off

Switching DSA off

To switch off the entire equalizer,

⇨ press the **DSA** button ⑤.

The DSA menu appears in the display.

⇨ Press the softkey ④ assigned to the "OFF" display item.

"DSA OFF" appears in the display.

Note:

● You can activate/deactivate each equalizer module individually (user EQ, sound presets, DNC, stage effects and sound effects) in the corresponding menu.

Switching DSA on

To switch the equalizer on again,

⇨ press the **DSA** button ⑤.

The DSA menu appears in the display.

⇨ Press the softkey ④ assigned to the "USER" display item.

⇨ Select an equalizer setting.

Automatically calibrating the equalizer

You can electronically calibrate and store values for three different situations.

EQ 1 for the driver only
EQ 2 for the driver and front passenger
EQ 3 for the front and rear occupants

Hold the microphone in the appropriate position whilst calibration is taking place.

The microphone position for situation 1 (e.g. for the driver alone) is at the height of the driver's head.

For situation 2, the microphone is between the driver and passenger.

For Situation 3, it is in the middle of the vehicle interior (left/right, front/back).

Really quiet surroundings are required for the calibration. Any extraneous noise will distort the measured values.

Note:

● The sound radiating from the loudspeakers must not be obstructed by any objects. All the loudspeakers must be connected. The microphone must be connected to the unit, and equalizer calibration should be carried out before DNC calibration.

To calibrate an equalizer,

⇨ press the **DSA** button ⑤.

⇨ Press the softkey ④ assigned to the "USER" display item.

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⇨ Press the softkey ④ assigned to the display item of the equalizer (EQ1, EQ2 or EQ3) that you want to set up.

⇨ Press the softkey ④ assigned to the "ADJ" display item.

⇨ Press the softkey ④ assigned to the "AUTO" display item.

A countdown starts in the display. During this time period you have the opportunity to position the microphone. Calibration begins as soon as the countdown is finished.

⇨ Proceed as described for all the equalizers.

After calibration has ended, the menu of the selected equalizer is displayed again.

Viewing the vehicle acoustics with/without the equalizer

You can view the ascertained values for the vehicle acoustics. When viewing the settings, you can choose between the equalizer view without equalization ("PRE EQ") or with equalization ("POST EQ").

⇨ Press the **DSA** button ⑤.

⇨ Press the softkey ④ assigned to the "USER" display item.

⇨ Press the softkey ④ assigned to the display item of the equalizer that you want to view.

⇨ Press the softkey ④ assigned to the "ADJ" display item.

You can view the equalizer settings for the front and rear loudspeakers separately.

Note:
● If you have already adjusted the graphic equalizer manually or if you have not yet carried out any calibration, "NO RESULT" will appear in the display.

⇨ Press the softkey ④ assigned to the "FRNT" display item for the front loudspeakers or "REAR" for the rear loudspeakers.

⇨ Press the softkey ④ assigned to the "VIEW" display item.

If you want to select the equalizer view **without** equalization,

⇨ press the joystick ⑦ repeatedly to the left or right until "PRE EQ" appears in the display.

The equalizer setting is displayed.

If you want to select the equalizer view **with** equalization,

⇨ press the joystick ⑦ repeatedly to the left or right until "POST EQ" appears in the display.

The equalizer setting is displayed.

To close the view,

⇨ press the joystick **OK** ⑦ or the **MENU** button ⑧.

DSA - EQUALIZER

Adjusting the graphic equalizer manually

You can also manually adjust the automatically ascertained values of the graphic equalizer.

⇨ Press the **DSA** button ⑤.

⇨ Press the softkey ④ assigned to the "USER" display item.

⇨ Press the softkey ④ assigned to the display item of the equalizer that you want to set up.

⇨ Press the softkey ④ assigned to the "ADJ" display item.

You can adjust the equalizer for the front and rear loudspeakers separately.

⇨ Press the softkey ④ assigned to the "FRNT" display item for the front loudspeakers or "REAR" for the rear loudspeakers.

The graphical equalizer settings are displayed.

To select the frequency,

⇨ press the joystick ⑦ to the left or right.

⇨ Adjust the level for the frequency by moving the joystick ⑦ up or down.

The values appear graphically in the display whilst you are adjusting the equalizer.

⇨ Adjust all the settings for both channels as described above.

⇨ Press the joystick **OK** ⑦ or the **DSA** button ⑤ to close the menu.

The settings are saved.

Selecting the equalizer

After calibration has taken place or after you have finished making manual adjustments,

⇨ press the **DSA** button ⑤.

⇨ Press the softkey ④ assigned to the "USER" display item.

⇨ Press the softkey ④ assigned to the display item of the equalizer that you want to use.

⇨ Press the joystick **OK** ⑦ or the **DSA** button ⑤ to close the menu.

The settings are saved.

Resetting the equalizer

You can reset all the automatically ascertained values of the selected equalizer.

⇨ Press the **DSA** button ⑤.

⇨ Press the softkey ④ assigned to the "USER" display item.

⇨ Press the softkey ④ assigned to the display item of the equalizer that you want to reset.

⇨ Press the softkey ④ assigned to the "ADJ" display item.

⇨ Press the softkey ④ assigned to the "FLAT" display item.

The automatically ascertained values of the equalizer are deleted.

⇨ Press the joystick **OK** ⑦ or the **DSA** button ⑤ to close the menu.

The settings are saved.

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DSA - EQUALIZER

Selecting sound presets

You can select sound presets for various music styles. To ensure optimum sound, the presets are "added" to the settings of the active user equalizer, i.e. the user EQs are optimised using the presets for the various music styles.

Presets for the following music styles are available:

- VOCAL (VOCL)
- DISCO (DISC)
- ROCK
- JAZZ
- CLASSIC (CLAS)
- LINEAR (LINE)

The settings for these music styles have already been programmed.

⇨ Press the **DSA** button ⑤.

⇨ Press the softkey ④ assigned to the "PRE" display item.

⇨ Press the softkey ④ assigned to the display item of the sound preset that you want to use.

⇨ Press the joystick **OK** ⑦ or the **DSA** button ⑤ to close the menu.

The settings are saved.

Setting the stage effect

You can activate a stage effect that "repositions" the music in front of the driver and/or front passenger. This gives you the impression you are standing right in front of a stage.

⇨ Press the **DSA** button ⑤.

⇨ Press the softkey ④ assigned to the "STGE" display item.

⇨ Press the softkey ④ assigned to the "LEFT" display item for a stage effect for the driver.

⇨ Press the softkey ④ assigned to the "RIGHT" display item for a stage effect for the front passenger.

⇨ Press the softkey ④ assigned to the "FRNT" display item for a stage effect for the driver and front passenger.

⇨ Press the joystick **OK** ⑦ or the **DSA** button ⑤ to close the menu.

The settings are saved.

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Selecting sound effects

You can choose between different sound effects for your music:

- CATHEDRAL (CATH)
- THEATRE (THEA)
- CONCERT HALL (CONC)
- CLUB
- STADIUM (STAD)

These sound effects have already been programmed.

⇨ Press the **DSA** button ⑤.

⇨ Press the softkey ④ assigned to the "EFCT" display item.

⇨ Press the softkey ④ assigned to the display item of the sound effect that you want to use.

If you do not want to use any sound effects,

⇨ press the softkey ④ assigned to the "OFF" display item.

⇨ Press the joystick **OK** ⑦ or the **DSA** button ⑤ to close the menu.

The settings are saved.

DNC - dynamic noise covering

The DNC (**D**ynamic **N**oise **C**overing) feature increases the volume whilst the vehicle is driving. As its starting point it uses a volume level that is considered pleasant whilst the vehicle is stationary.

The volume is boosted by a different amount for each frequency band depending on how noise develops in the vehicle.

This ensures that the volume and sound can still be appreciated even if noise in the vehicle varies. Noises that only last a short time, such as crossing train tracks, are not taken into account.

Calibrating DNC

In order for this feature to work properly for your vehicle, you must calibrate it using the measuring microphone. Please carry out the DNC calibration after the DSA calibration. After calibration you should permanently attach the microphone near the console using the Velcro tape, however, do not place it in the footwell, near locations where booming sounds can be heard or near the ventilation/heating.

The microphone's opening must point towards the passenger compartment. Calibration should be carried out in a quiet location whilst the engine is switched off.

Starting DNC calibration

⇨ Press the **DSA** button ⑤.

⇨ Press the softkey ④ assigned to the "DNC" display item.

⇨ Press the softkey ④ assigned to the "ADJ" display item.

A countdown starts in the display. During this time you have the opportunity to position the microphone. Calibration begins as soon as the countdown is finished.

⇨ Press the joystick **OK** ⑦ or the **MENU** button ⑧ to close the menu.

Switching off DNC

To switch off DNC,

⇨ press the **DSA** button ⑤.

⇨ Press the softkey ④ assigned to the "DNC" display item.

⇨ Press the softkey ④ assigned to the "OFF" display item.

"DNC OFF" appears briefly in the display.

To switch DNC on again,

⇨ select a DNC boost level (DNC1 - DNC5).

⇨ Press the **DSA** button ⑤.

The settings are saved.

Selecting the DNC boost

You can select the DNC boost (i.e. the sensitivity of the volume and sound boost) to five levels.

The "DNC 1" setting is suitable for vehicles with a loud engine and music with a lot of bass. The "DNC 5" setting is suitable for vehicles with a quiet engine and classical music. Find out the best setting for your situation by trying out the various settings.

To select a DNC boost level,

⇨ press the **DSA** button ⑤.

⇨ Press the softkey ④ assigned to the "DNC" display item.

⇨ Press the softkey ④ assigned to the "LEVL" display item.

⇨ Select the boost level by moving the joystick ⑦ to the left or right.

When you have finished making all your adjustments,

⇨ press the **DSA** button ⑤.

AMPLIFIER/SUB-OUT

Amplifier/sub-out

The car radio provides connections for connecting external amplifiers. You can also connect a subwoofer to the unit's integrated low-pass filter. In order for this to work, the amplifier and subwoofer must be connected in the manner described in the installation instructions.

We recommend you use well-matched products from the Blaupunkt or Velocity product ranges.

Switching the internal amplifier on/off

If you use external amplifiers, you can switch off the unit's internal amplifier.

Note:
- Please check this setting if the device does not play.

⇨ Press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "SETP" display item.

⇨ Press the softkey ④ assigned to the "AMP" display item.

The AMP menu is displayed. A confirmation request is displayed.

If you want to **change** the current setting,

⇨ press the softkey ④ assigned to the "YES" display item.

If you do **not** want to change the current setting,

⇨ press the softkey ④ assigned to the "NO" display item.

⇨ Press the joystick **OK** ⑦ or the **MENU** button ⑧ to close the menu.

The settings are saved.

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EXTERNAL AUDIO SOURCES

External audio sources

You can connect up to two external audio sources to the unit. The audio sources can, for example, be portable CD players, MiniDisc players or MP3 players.

You can connect the first external audio source (AUX1) **instead** of a CD changer.

You can connect the second external audio source (AUX2) **in addition** to the CD changer or AUX1. Instead of AUX2, you can connect a navigation system. For further information, read the section entitled "Navigation audio" in the "Adjusting the volume" chapter.

In order to be able to use the AUX inputs, you must activate the AUX inputs in the setup menu.

If you want to connect an external audio source, you will need an adapter cable. You can obtain this cable from a Blaupunkt dealer.

Switching the AUX input on/off

⇨ Press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "SETP" display item.

⇨ Press the softkey ④ assigned to the "AUX1" or "AUX2" display item for the input that you want to switch on/off.

The AUX menu is displayed.

Note:

● If a CD changer is connected, you cannot adjust the "AUX1" input.

⇨ Press the softkey ④ assigned to the "AUX2" display item if no navigation system is connected and you want to connect an external audio source.

⇨ Press the joystick **OK** ⑦ or the **MENU** button ⑧ to close the menu.

The settings are saved.

Note:

● If the AUX inputs are activated they can be selected by pressing the **SOURCE** button ⑪.

Reset

You can reset all the unit's settings back to their factory defaults.

⇨ Press the **MENU** button ⑧.

⇨ Press the softkey ④ assigned to the "SETP" display item.

⇨ Press the softkey ④ assigned to the "NORM" display item.

A confirmation request appears in the display.

● If you are sure you want to reset the device,

⇨ press the softkey ④ assigned to the "YES" display item.

After you press the softkey, the unit is switched off and then back on.

● If you do not want to reset the device,

⇨ press the softkey ④ assigned to the "NO" display item.

The menu appears again.

Specifications

Amplifier

Output power:

4 x 33 watts sine in accordance with DIN 45 324 at 14.4 V

4 x 65 watts max. power

Tuner

Wavebands:
FM :   87.7 – 107.9 MHz
AM :   530 – 1,710 kHz

FM frequency response:
20 - 16,000 Hz

CD

Frequency response:
15 - 20,000 Hz

Pre-amp out

4 channels: 5 V / 10 kΩ

Input sensitivity

AUX1 input: 2 V / 10 kΩ

Navi/AUX2 input: 2 V / 10 kΩ

Telephone input: 10 V / 560 Ω

Subject to changes!

Service numbers / Numéros du service après-vente / Números de servicio / Número de serviço

Country:		Phone:	Fax:	WWW:
Germany	(D)	0180-5000225	05121-49 4002	http://www.blaupunkt.com
Austria	(A)	01-610 390	01-610 393 91	
Belgium	(B)	02-525 5454	02-525 5263	
Denmark	(DK)	44 898 360	44-898 644	
Finland	(FIN)	09-435 991	09-435 99236	
France	(F)	01-4010 7007	01-4010 7320	
Great Britain	(GB)	01-89583 8880	01-89583 8394	
Greece	(GR)	0030 210 57 85 350	0030 210 57 69 473	
Ireland	(IRL)	01-4149400	01-4598830	
Italy	(I)	02-369 6331	02-369 6464	
Luxembourg	(L)	40 4078	40 2085	
Netherlands	(NL)	023-565 6348	023-565 6331	
Norway	(N)	66-817 000	66-817 157	
Portugal	(P)	01-2185 00144	01-2185 11111	
Spain	(E)	902-120234	916-467952	
Sweden	(S)	08-7501500	08-7501810	
Switzerland	(CH)	01-8471644	01-8471650	
Czech. Rep.	(CZ)	02-6130 0441	02-6130 0514	
Hungary	(H)	01-333 9575	01-324 8756	
Poland	(PL)	0800-118922	022-8771260	
Turkey	(TR)	0212-3350677	0212-3460040	
USA	(USA)	800-2662528	708-6817188	
Brasil (Mercosur)	(BR)	+55-19 3745 2769	+55-19 3745 2773	
Malaysia (Asia Pacific)	(MAL)	+604-6382 474	+604-6413 640	

Blaupunkt GmbH

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