Bremen CD72

Operating instructions
1. Button, to switch the unit on/off, volume control
2. [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. ▼ 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 KeyCard 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.

We provide a manufacturer guarantee for our products bought within the European Union. You can view the guarantee conditions at www.blaupunkt.com or ask for them directly at:

Blaupunkt GmbH
Hotline
Robert Bosch Str. 200
D-31139 Hildesheim

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.
**Accessories**
Only use accessories approved by Blaupunkt.

**Remote control**
The RC 10 or RC 10H remote control (available as an optional accessory) allows you to safely and conveniently access most of the main functions of your car radio.

You cannot switch on/off using the remote control.

**Second aerial**
You can connect two aerials to this unit. You can considerably improve the unit’s reception by using a second aerial (e.g. a screen aerial).

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 02, 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.
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 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.
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 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 is located behind the control panel.
- Push against the KeyCard until you feel it unlash.

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.
THEFT PROTECTION

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 KeyCard, 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 KeyCard, 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.
THEFT PROTECTION

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
\[\text{To switch the unit on, press button 1 until you feel the latch open – the button pushes out.}\]
The device switches on.

\[\text{To switch the unit off, press button 1 until you feel it click into place.}\]
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.

\[\text{To do so, press button 1 until you feel the latch open – the button pushes out.}\]

Note:
● To protect the vehicle battery, the unit will switch off automatically after one hour if the ignition is off.
ADJUSTING THE VOLUME

Adjusting the volume

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

To increase the volume,
➮ turn the volume control 1 to the right.

To decrease the volume,
➮ turn the volume control 1 to 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 4 assigned to the “VOL” display item.
➮ Press the softkey 4 assigned to the “ON” 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:
● To protect your hearing, the maximum power-on volume is limited to a value of “40”.

Activating mute

This feature allows you to instantaneously reduce the volume (mute).
➮ Press the AUDIO button 9 for longer than two seconds.
“MUTE” appears in the display.

Cancelling mute
➮ briefly 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.

If a traffic announcement is received during a telephone call you will not be able to hear the traffic announcement.
If a telephone call arrives during a traffic announcement, the traffic announcement is interrupted and the telephone call can be heard.
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.
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.
**SOUND**

**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**

**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.
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.
ADJUSTING THE DISPLAY

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

Press the joystick OK ⏫ or the MENU button ⏫ to close the menu.

The settings are saved.

Night-time display brightness

Press the MENU button ⏫.

Press the softkey 4 assigned to the “DISP” display item.

Press the softkey 4 assigned to the “NGHT” display item.

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

Press the joystick OK ⏫ or the MENU button ⏫ 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 ⏫.

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 ⏫ or the MENU button ⏫ 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 ⏫.

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 ⏫ or the MENU button ⏫ to close the menu.

The settings are saved.
**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.

 proximité 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.
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,

娆 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.

Convenient RDS functions (AF, REG)
The convenient RDS functions AF (Alternative Frequency) and REG (Regional) extend 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.
- REG: At certain times, some radio stations divide their programme into regional programmes providing different content. You can use the REG function to prevent the car radio from switching to alternative frequencies that are providing different regional programme content.

Note:
- REG must be separately activated/deactivated in the radio functions menu.

Switching REG on/off
To use the RDS function REG,

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

The radio functions menu appears in the display.

娆 Press the **NEXT** button 3.

娆 Press the softkey 4 assigned to the “REG” display item.

“REG ON” or “REG OFF” appears briefly in the display.

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

The settings are saved.

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 and 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).

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 \( \text{\textbullet\textcircled{12}} \) in radio mode.

The radio functions menu appears in the display.

- Press the softkey \( \text{\textbullet\textcircled{4}} \) assigned to the “TUN2” display item.

The second page of the radio functions menu is displayed.

- Press the softkey \( \text{\textbullet\textcircled{4}} \) assigned to the “DYNL” display item for dynamic radio mode.

- Press the softkey \( \text{\textbullet\textcircled{4}} \) assigned to the “DDA” or “PRE” display item for static radio mode.

To return to the main radio menu,

- press the TUNER button \( \text{\textbullet\textcircled{12}} \) twice or the joystick OK \( \text{\textbullet\textcircled{7}} \).

The settings are saved.
**RADIO MODE**

**Selecting the waveband / memory bank**

This unit can receive programmes broadcast over the FM frequency range as well as the MW, LW and SW (short-wave) ranges. There are four memory banks for the FM range and one for each of the MW, LW and SW ranges.

In dynamic radio mode there are up to five memory banks at your disposal. Six stations can be stored in each memory bank.

**Selecting the waveband**

To select the FM, MW, LW or SW (short-wave) waveband,

=row

- press the TUNER button in radio mode.

The radio functions menu appears in the display.

= Press the softkey assigned to the “BAND” display item.

= Press the softkey assigned to the “FM” display item for the FM waveband.

= Press the softkey assigned to the “MW” display item for the MW waveband.

= Press the softkey assigned to the “LW” display item for the LW waveband.

= Press the softkey assigned to the “SW” display item for the SW waveband.

The main radio menu for the selected waveband appears.

**Selecting the FM memory bank**

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

=row

- press the NEXT button repeatedly until the required memory bank appears in the display.

The memory banks are accessed in the following order: FM1, FM2, FM3 and FMT.

**Tuning into a station**

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

**Automatic seek tuning**

=row

- Move the joystick down or up.

The unit tunes into the next receivable station.

**Browsing through broadcasting networks (only FM)**

Most RDS stations provide several programmes. The information on these “broadcasting networks” is transmitted with the RDS signal. You can “browse” through these broadcasting networks and therefore switch programme simply and conveniently.

=row

- Move the joystick left or right.
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 in radio mode.

The radio functions menu appears in the display.

Press the NEXT button.

Press the softkey assigned to the “SENS” display item.

Press the softkey 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).

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 up/right or down/left to adjust the search sensitivity.

Press the joystick OK or the MENU button to close the menu.

The settings are saved.

Storing stations (only in static radio mode)

Storing stations manually

Select the required FM memory bank, i.e. FM1, FM2, FM3, FMT, or one of the MW, LW or SW wavebands.

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 (only FM). The stations are stored in the FMT 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 in radio mode.

The radio functions menu appears in the display.

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

**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 retune 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 in radio mode.

The radio functions menu appears in the display.
- Press the softkey 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.

**Cancelling PTY**
To cancel the PTY function,
- whilst the programme types are being displayed, press the softkey 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.

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.
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.

TIM - Traffic Information Memory
The unit is equipped with a digital speech memory which can automatically record up to four traffic messages. The maximum duration for recorded messages is four minutes.

If the TIM function is activated, all traffic information messages received during the two hours after the unit was last switched off are recorded.

In addition, you can set two timers. All traffic messages received from the tuned traffic information station 30 minutes before and 90 minutes after the set time are recorded. This feature is particularly useful if you generally use your car at certain times.

All the messages are deleted if the last message is older than six hours.
If a new traffic message arrives whilst TIM is being played, playback will be interrupted and the new message recorded.

Risk of damage to the electric aerial in a car wash. An automatic electric aerial will remain extended if TIM is activated and you turn the unit off. Damage might result if the car aerial remains extended whilst in a carwash.
For further details, read the section entitled “Switching TIM off”.

TIM - Traffic Information Memory
Switching TIM on/off

Whilst the car radio is switched on, you can turn the TIM function on/off.
✎ Press the TUNER button 12 in radio mode.
✎ Press the softkey 4 assigned to the “TIM” display item.

The TIM menu is displayed.
The first message is played if traffic information messages have been recorded. The most current message is numbered “TIM1”. The top line of the display shows the station name/frequency and below it the time of the recording.

“TIM” and the message number are displayed on both sides of the display alongside the top two softkeys.

“NO TIM” appears briefly in the display if no messages have been recorded.

Switching off TIM

If you want to switch off TIM,
✎ press the softkey 4 assigned to the “OFF” display item in the TIM menu.

“TIM OFF” appears briefly in the display.
✎ Press the TUNER button 12 or the joystick OK 7.

The settings are saved.

Switching TIM on

If you want to switch TIM on again,
✎ press the TUNER button 12 in radio mode.
✎ Press the softkey 4 assigned to the “TIM” display item.

The TIM menu is displayed and TIM is switched on.
✎ Press the TUNER button 12 or the joystick OK 7.

The settings are saved.

Note:
● After the device is switched off via the vehicle ignition or using button 1, the current setting “TIM ON” or “TIM OFF” is shown briefly in the display.

Listening to stored traffic messages

To listen to the stored traffic messages,
✎ press the TUNER button 12 in radio mode.
✎ Press the softkey 4 assigned to the “TIM” display item.

The TIM menu is displayed.
The last message is played if traffic information messages have been recorded. The most recent message is numbered “TIM1”. The top line of the display shows the station name/frequency and below it the time of the recording. After the first message, all the other messages are played in ascending order.
“NO TIM” appears briefly in the display if no messages have been recorded.

After the last message is heard, the unit returns to the previous mode of operation.

If you want to return to radio mode without first having to listen to all the messages,

➢ press the TUNER button \( \text{12} \) twice or the joystick OK \( \text{7} \).

**Selecting TIM messages**

“TIM” and the message number are displayed on both sides of the display alongside the top two softkeys.

If you want to listen to one of the displayed messages without listening to the other messages:

➢ Press the softkey \( \text{4} \) assigned to the corresponding display item “TIM1”, “TIM2”, “TIM3” or “TIM4”.

**Recording traffic information messages**

Whilst the unit is switched on, traffic information is recorded automatically if a traffic information station is received and priority for traffic information messages is activated.

If you are listening to a station that does not broadcast traffic information and you switch the unit off whilst the TIM function is activated, the unit will automatically search for a traffic information station.

**Adjusting the timers**

If TIM is activated, the traffic information messages provided by a tuned traffic information station will be recorded for 2 hours after the unit is switched off. Furthermore, you can set two timers that record all traffic information messages received 30 minutes before and 90 minutes after the set times. The timer function uses the system time as its reference. For details on setting the system time, refer to the chapter entitled “CLOCK – time”

To adjust one of the timers,

➢ press the TUNER button \( \text{12} \) in radio mode.
➢ Press the softkey \( \text{4} \) assigned to the “TIM” display item.

The TIM menu is displayed.

➢ Press the softkey \( \text{4} \) assigned to the “SET” display item.
➢ Press the softkey \( \text{4} \) assigned to the “REC1” display item for the first or “REC2” for the second timer.

“RECORD” and the set time appear in the display.

To adjust the timer,

➢ move the joystick \( \text{7} \) to the left.

The hours flash.

➢ Move the joystick \( \text{7} \) up or down to adjust the hours.
➢ Move the joystick \( \text{7} \) to the right to change the input position.

The minutes flash.
Move the joystick \( \uparrow \) up or down to adjust the minutes.

To save the settings,

Press the TUNER button \( \downarrow \) or the joystick OK \( \right \).

The settings are saved.

**Note:**
- Before you drive into a carwash, please make absolutely sure you switch off TIM. For further details, read the section entitled “Switching off TIM” in this chapter.

**Selecting a timer**

Once you have adjusted the timers, you can choose between the two timers. The timer that you set last is always the one that is active.

To select a timer,

Press the TUNER button \( \downarrow \) in radio mode.

Press the softkey \( \downarrow \) assigned to the “TIM” display item.

The TIM menu is displayed.

Press the softkey \( \downarrow \) assigned to the “SET” display item.

Press the softkey \( \downarrow \) assigned to the “REC1” display item to select the first or “REC2” to select the second timer.

“RECORD” and the set time appear in the display.
Traffic information

Your unit is equipped with an RDS-EON receiver. EON (Enhanced Other Network) is a feature that involves the broadcasting of radio station information within a broadcasting network. Every time a traffic announcement (TA) is transmitted, you will automatically be switched from a station that does not provide traffic information to a station within the broadcasting network that does.

Once the traffic report has been played, you will be switched back to the programme that you were listening to before.

Switching traffic information priority on/off

Press the TUNER button in radio mode.

The radio functions menu appears in the display.

Press the softkey assigned to the “TRAF” display item.

Traffic announcement priority is active when a traffic jam symbol is shown in the display.

Note:

- The TA menu is displayed during a traffic announcement.

To interrupt the current traffic announcement,

press the softkey assigned to the “OFF” display item.

If you want to deactivate priority for traffic announcements,

press the softkey assigned to the “TRAF” display item.

Note:

You will hear a warning sound:

- if you leave the reception area of a traffic information station that you are currently listening to.
- if, while listening to a CD or cassette (depending on the version of the car radio), you leave the broadcasting area of a traffic information station that you are tuned into and the subsequent automatic search cannot find a new traffic information station.
- if you retune the radio from a traffic information station to a station that does not broadcast traffic information.

If you hear the warning sound, you can either switch off traffic information priority or tune into a station that broadcasts traffic information.

Setting the volume for traffic announcements

Press the MENU button.

Press the softkey assigned to the “VOL” display item.

Press the softkey assigned to the “TRAF” display item.

Set the required volume using the volume control.

Press the joystick OK or the MENU button to close the menu.
Note:
● You can adjust the proportional volume level for traffic announcements whilst an announcement is being made.

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 compart-
  ment.
  The CD is drawn into the drive.
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 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.
The control panel opens out towards you and the CD is ejected.
Carefully remove the CD.
Press the button.
The control panel closes.

Selecting tracks

Move the joystick 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 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 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 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 assigned to the “MIX” display item again.
“MIX OFF” appears briefly in the display.

Repeating tracks (REPEAT)

Press the softkey 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 assigned to the “RPT” display item again.
“REPEAT OFF” appears briefly in the display. Normal playback is then resumed.
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

 ADVISED: Press the softkey 4 assigned to the “TEXT” display item.

Deactivating CD text

 ADVISED: 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

 ADVISED: Press the softkey 4 assigned to the “SCRL” display item.

“SCROLL ON” appears briefly in the display.

Deactivating CD scrolling text

 ADVISED: Press the softkey 4 assigned to the “SCRL” display item again.

“SCROLL OFF” appears briefly in the display.

Traffic announcements in CD mode

 ADVISED: If you want to receive traffic announcements whilst in CD mode, activate traffic information reception in the radio functions menu.

Traffic announcement priority is active when a traffic jam symbol appears in the display. For further details, please read the chapter entitled “Traffic information”.

Traffic announcements in CD mode

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**CD CHANGER MODE**

**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**

げる 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.

**Selecting CDs**

To move up or down to another CD,

げる 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

げる 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,

げる 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,

げる 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.
**CD CHANGER MODE**

**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.

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 02, 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.
CD CHANGER MODE

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, eight 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 to 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 - EQUALIZER**

**DSA digital sound adjustment**

This unit is equipped with a digital sound calibration feature (DSA – Digital Sound Adjustment).

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.

---

**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.

➤ 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.

**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.

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.

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 (Dynamic Noise Covering) 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**

1. Press the DSA button 5.
2. Press the softkey 4 assigned to the “DNC” display item.
3. 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.

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

**Switching off DNC**

To switch off DNC,

1. press the DSA button 5.
2. Press the softkey 4 assigned to the “DNC” display item.
3. Press the softkey 4 assigned to the “OFF” display item.

“DNC OFF” appears briefly in the display.

To switch DNC on again,

1. select a DNC boost level (DNC1 - DNC5).
2. 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,

 princípio press the DSA button 5.
 princípio Press the softkey 4 assigned to the “DNC” display item.
 princípio Press the softkey 4 assigned to the “LEVL” display item.
 princípio Select the boost level by moving the joystick 7 to the left or right.

When you have finished making all your adjustments,

 princípio press the DSA button 5.

TMC for dynamic navigation systems

TMC stands for “Traffic Message Channel”.

Traffic reports are broadcast digitally using TMC, which means they can be used by compatible navigation systems during route planning. Your car radio has a TMC output, which you can use for connecting Blaupunkt navigation systems. You can find out from your Blaupunkt dealer which navigation systems can be used with your car radio.
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.
**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

Specifications

Amplifier
Output power:
4 x 26 watts sine in accordance with DIN 45 324 at 14.4 V
4 x 50 watts max. power

Tuner
Wavebands:
FM : 87.5 – 108 MHz
SW : 5.85 – 6.30 MHz (49 m band)
MW : 531 – 1,602 kHz
LW : 153 – 279 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!

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.
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