

Radio / Cassette

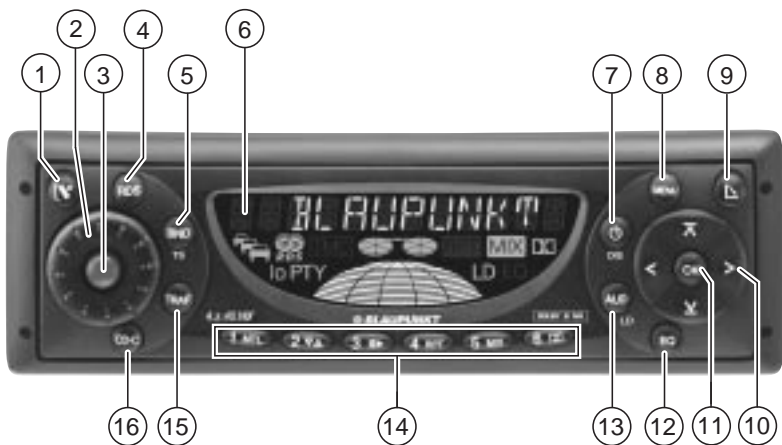
Bologna C50
Carolina DJ50
Colorado DJ50
Düsseldorf C50

Operating instructions






 **BLAUPUNKT**

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Öppna
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OPERATING ELEMENTS

- ①  button to unlock release panel
- ② Volume control
- ③ ON button, switches the unit on/off, mute
- ④ **RDS** button, switches the RDS convenience features on/off
Selects display for variable text
- ⑤ **BND** button, selects the FM memory bank and the MW and LW wavebands (MW and LW do not apply to the Düsseldorf C50 and the Colorado DJ50)
TS, starts the TravelStore function
- ⑥ Display
- ⑦  button, displays the time
DIS button, changes display contents
- ⑧ **MENU** button, accesses the menu for basic settings
- ⑨  button, opens the flip release panel
- ⑩ Cursor button block
- ⑪ **OK** button, confirms menu selections and starts the SCAN function
- ⑫ **EQ** button, adjusts the equalizer
- ⑬ **AUD** button, adjusts bass, treble, balance and fader
LD, switches the Loudness function on/off
- ⑭ **1 to 6** station buttons
- ⑮ **TRAF** button, switches traffic information standby on/off
- ⑯ **CD•C** button, switches sound source between radio, tape deck and CD changer (if connected)


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IMPORTANT INFORMATION

Important information

Before you use your car audio system for the first time, please take the time to read the instruction manual carefully and make yourself familiar with the audio equipment. Keep this manual handy in your car for future reference.

Traffic safety

 Traffic safety is always the top priority. Do not attempt to operate your car audio system unless the traffic conditions permit. Familiarize yourself with the equipment before you start driving.

Always make sure that you are still able to hear any warning signals coming from outside the vehicle, such as police or fire engine sirens, at all times.

As a result, please always select a moderate volume for playing your car audio system while you are driving.

Installation

If you would like to install your new car stereo yourself or add other audio components to the existing ones, then please read the instructions on installation and connection at the end of this manual carefully.

Accessories

Use only Blaupunkt-approved accessories.

Remote control unit

The optionally available RC 08 infrared remote control unit allows you to conveniently operate the most important

system functions from the steering wheel.

Amplifiers

All Blaupunkt amplifiers can be used.

CD changers

The following CD changers can be connected directly: CDC A 06, CDC A 08, CDC A 072 and IDC A 09.

The CDC A 05 and CDC A 071 can be connected with an adapter cable (Blaupunkt no. 7 607 889 093).

The CDC A 08 CD changer is included with the Colorado DJ50 and the Carolina DJ50.

Guarantee

The scope of the guarantee is determined by the laws in the country where the unit is purchased.

Regardless of the legal guarantee regulations, Blaupunkt affords a 12-month guarantee.

If you have any questions about the guarantee, please contact your authorised Blaupunkt dealer. Your cash register receipt is a valid guarantee coupon.

International telephone information

Have you got any questions on the operation of this equipment or do you require more information?

Give us a call!

You will find the international telephone and fax numbers on the last page of this manual.

Removable front panel

Theft protection system

To prevent your car audio system from being stolen, it has been equipped with a removable front panel (flip release panel). Without the front panel, the car audio system is useless to thieves.

Protect your car audio system against theft and take the operating panel with you each time you leave the vehicle. Never leave the release panel in the car, even if it is well hidden. The panel has been designed so that it is easy to remove.

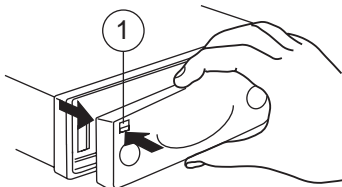
Notes:

- Do not drop the release panel.
- Do not expose the release panel to direct sunlight or other heat sources.
- Store the release panel in the case supplied.

Removing the operating panel

- ⇨ Press **[V]** ①.

The release panel will unlock.

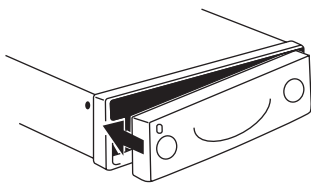


- ⇨ First pull the operating panel forward and then slide it to the left to remove it.

- When you remove the operating panel, the car audio system will automatically switch off.
- All of the settings will remain stored.
- A cassette tape inserted into the car audio system will remain in place.

Replacing the operating panel

- ⇨ Slide the operating panel into the guides from left to right.
- ⇨ Press the left-hand side of the panel onto the car audio system until it locks into place.



Note:

- While replacing the panel, be careful not to press on the display.

If the car audio system was on when you removed the panel, it will automatically switch back on using the same settings when you replace it (radio, tape deck or CD changer).

SCHWITCHING ON/OFF

Switching the car audio system on/off

The car audio system can be switched on/off in a number of ways.

Switching the car audio system on/off with the ignition

If the car audio system has been connected to your vehicle ignition, it is possible to switch it on and off with the ignition.

You can also switch the car audio system on when the ignition is switched off.

- ⇨ Press down and hold ③ until the car audio system switches on.

Note:

To prevent the car battery from running down, the radio will switch off again automatically after one hour.

Switching the car audio system on/off with the removable front panel

- ⇨ Remove the release panel.

The car audio system will switch off.

- ⇨ Replace the release panel.

The car audio system will switch on again. The last settings used (radio, tape deck or CD changer) will be activated.


Switching the car audio system on/off by pressing ③

- ⇨ Press ③ to switch the car audio system on.
- ⇨ Press ③ for longer than 2 seconds to switch the car audio system off again.

The system will then switch off.

Switching the car audio system on by inserting a cassette tape

If the system is switched off and there is no cassette in the tape deck,

- ⇨ press  ⑨.

The flip release panel will open.

- ⇨ Insert the cassette into the tape deck with the open side facing towards the right until you feel resistance. Do not use force.

The cassette will be pulled automatically into the tape deck.

Do not attempt to assist or prevent this process.

- ⇨ Press the operating panel closed gently until you feel it click into place.

The audio system will switch on. Tape playback will begin.

Volume control

The car audio system volume can be adjusted to levels from 0 (off) to 66 (maximum).

- ⇨ To increase the volume, turn the volume control knob (2) to the right.
- ⇨ To decrease the volume, turn the volume control knob (2) to the left.

Adjusting the power-on volume

It is possible to adjust the volume at which the car audio system switches on.

- ⇨ Press **MENU** (8).
- ⇨ Press **Y** (10) repeatedly until "ON VOLUME" appears in the display.
- ⇨ Press **<>** (10) to adjust the volume.

If you adjust this setting to "0", the car audio system will switch on at the volume used before it was switched off.



Warning of serious injury

If the power-on volume is set to the maximum level, it may be extremely loud when the car audio system is switched on.

If the power-on volume is set to 0 and the car audio system was played at maximum volume before it was switched off, it may be extremely loud when the car audio system is switched back on. This could result in serious injury to your ears!

- ⇨ Once you have selected the desired settings, press **MENU** (8) or **OK** (11).

Mute

You can reduce the volume of the car audio system immediately (mute).

- ⇨ Press (3) briefly.
- "MUTE" will appear in the display.

Selecting the mute level

It is possible to select the mute level.

- ⇨ Press **MENU** (8).
- ⇨ Press **Y** (10) repeatedly until "MUTE LEVEL" appears in the display.
- ⇨ Press **<>** (10) to select the mute level.
- ⇨ Once you have made your selection, press **MENU** (8) or **OK** (11).

Mute during telephone operation

If your car audio system has been equipped with a mobile telephone, it will automatically switch to mute when you use the phone. This will not work unless the mobile phone is connected to the car audio system as described in the installation instructions.

If a traffic announcement is received while the phone is in use and traffic information priority has been activated, you will hear the traffic announcement. For more information, refer to the section on "Traffic information reception".

The car audio system will be muted to the mute level selected.

Adjusting the volume of the beep

For a number of functions you will hear a beep if you press a key for longer than 2 seconds, e.g. if you want to store a radio station on a station preset. You can adjust the volume level of this beep.

- ⇒ Press **MENU** (8).
- ⇒ Press **V** (10) repeatedly until "BEEP" appears in the display.
- ⇒ Press **<>** (10) to adjust the volume. "0" means the beep volume is off, "9" means the beep volume is adjusted to the maximum volume.
- ⇒ Once you have adjusted the settings, press **MENU** (8) or **OK** (11).

Radio operation

This car audio system has been equipped with an RDS radio receiver. Many FM radio stations now transmit the RDS signal, which contains such other information as the station name and the program type (PTY) along with their regular station programming.

As soon as the car radio receiver detects the station name, it will appear in the display. It is also possible to display the program type. For more information, refer to the section on "Program Type (PTY)".

Switching to the radio mode

If you are currently using the tape deck or CD changer,

- ⇒ press **CD•C** (16) repeatedly until "RADIO" appears in the display.

Special RDS functions (AF, REG)

The special RDS functions for AF (Alternate Frequency) and REG (Regional) improve the performance of your car radio.

- AF. If this RDS function is activated, the car radio continuously searches in the background for the frequency with the best reception for the station you have tuned into.
- REG. A number of radio stations broadcast different regional programming at different times of the day. Use REG to prevent your car radio from tuning into alternate frequencies which might have different programming.

Note:

It is necessary to activate/deactivate REG in the menu.

Switching REG on/off

- ⇨ Press **MENU** (8).
- ⇨ Press **▼** (10) repeatedly until "REG" appears in the display. "OFF" or "ON" will appear next to "REG".
- ⇨ Press **◀** or **▶** (10) to switch REG off or on.
- ⇨ Press **MENU** (8) or **OK** (11).

Switching RDS functions on/off

- ⇨ To take advantage of the RDS functions for AF and REG, press **RDS** (4).

When the RDS functions have been activated, "RDS" will light up as a symbol in the display. When you activate RDS functions, "REG ON" or "REG OFF" will appear briefly in the display.

Selecting wavebands/memory banks

Using this car audio system, you can tune into radio stations on the FM, MW and LW (AM) wavebands (MW and LW do not apply to the Düsseldorf C50 and the Colorado DJ50). There are three memory banks for the FM waveband and one memory bank each for MW and LW.

You can store six stations in each of these memory banks.

- ⇨ To switch between the different FM memory banks or wavebands, press **BND / TS** (5).

Tuning into radio stations

You can tune into radio stations in a number of different ways.

Automatic seek tuning

- ⇨ Press **▼** or **▲** (10).

The radio will tune into the next available station within reception range.

Manual station selection

You can also tune into radio stations manually.

- ⇨ Press **◀** or **▶** (10).

Note:

You cannot use manual tuning unless the RDS functions are deactivated.

Paging through the broadcasting network (for FM only)

If a radio broadcasting network has more than one station, you can page through the "station network".

- ⇨ Press **◀** or **▶** (10) to tune into the next station in the network.

Note:

To take advantage of this function, you must have activated the RDS functions.

It is only possible to tune into those stations which have been received once before already. To do this, use the SCAN or TravelStore function.

Adjusting seek tuning sensitivity

It is possible to adjust the sensitivity of the seek tuning function to tune the radio into stations with strong reception signals only, or to those with weaker reception signals as well.

RADIO OPERATION

- ⇨ Press **MENU** (8).
- ⇨ Press **▼** (10) repeatedly until "SENS" appears in the display.
- ⇨ Press **▶** (10).

The currently selected setting will appear in the display. "SENS HI6" indicates the highest level of sensitivity, "SENS LO1" the lowest. If you select "SENS LO", "lo" will light up in the display.

- ⇨ Press **◀▶** (10) to select the desired sensitivity.
- ⇨ Once you have made your selection, press **MENU** (8) or **OK** (11).

Storing radio stations

Storing radio stations manually

- ⇨ Select the desired memory bank FM1, FM2, FMT or either MW or LW (MW and LW do not apply to the Düsseldorf C50 and the Colorado DJ50).
- ⇨ Tune the radio into the desired station.
- ⇨ Press and hold down one of the station preset buttons **1** to **6** (14) on which you want to store the radio station for longer than two seconds.

Storing radio stations automatically (TravelStore)

You can automatically store the six radio stations with the strongest reception in your current reception area (for FM only). These stations will be stored in the FMT memory bank.

Note:

Any stations stored previously in the memory bank will be deleted.

- ⇨ Press and hold down **BND / TS** (5) for longer than two seconds.

The storing process will begin.

"TRAVEL-STORE" will appear in the display. After the stations have been stored, the radio will automatically begin to play the station stored on preset button 1 for the FMT memory bank.

Recalling stored radio stations

- ⇨ Select the desired station memory bank.
- ⇨ Press the station button **1** to **6** (14) on which you have stored the desired radio station.

Scanning the radio stations within reception range (SCAN)

You can scan all of the radio stations currently within your reception range. The scan time can be set in the menu to play from five to 30 seconds.

Starting SCAN

- ⇨ Press and hold down **OK** (11) for longer than two seconds.

SCAN will begin. "SCAN" will appear briefly in the display, followed by the flashing station name or frequency of the radio station currently being scanned.

Stopping the SCAN function, continuing to listen to the radio station scanned

⇨ Press **OK** (11).

SCAN will end and the last station scanned will continue playing.

Adjusting the scan time

⇨ Press **MENU** (8).

⇨ Press **▼** (10) repeatedly until "SCANTIME" appears in the display.

⇨ Press **◀ ▶** (10) to set the scan time as desired.

⇨ Once you have made your selection, press **MENU** (8) or **OK** (11).

Note:

The scan time selected also applies to the SCAN function for tape deck and CD changer operation.

Program Type (PTY)

In addition to the radio station name, a number of FM stations transmit information on the type of program they broadcast. This car radio has been equipped to receive and display this information.

These program types can include:

CULTURE	TRAVEL	JAZZ
SPORT	NEWS	POP
ROCK	CLASSICS	

Using the PTY function, you can select the radio station according to the type of program being broadcast.

As soon as the radio registers a radio station broadcasting the program type

selected, it will automatically switch from the station playing or from the tape deck or CD changer mode to that station.

Switching PTY on/off

⇨ Press **MENU** (8).

⇨ Press **▼** (10) repeatedly until "PTY ON" or "PTY OFF" appears in the display.

⇨ Press **◀ ▶** (10) to switch this function either on or off.

PTY will light up in the display when this function has been activated.

⇨ Press **MENU** (8) or **OK** (11).

Selecting the program type and starting seek tuning

⇨ Press **◀ ▶** (10).

The currently selected program type will appear in the display.

⇨ If you would like to select a different program type, press **◀ ▶** (10) while the program type is on display to switch to another program type.

OR

⇨ Press one of the station preset buttons from **1** to **6** (14) to select the program type stored on that particular station button.

The program type selected will appear briefly in the display.

⇨ Press **▲** or **▼** (10) to start seek tuning.

The next radio station broadcasting the program selected will begin to play.

RADIO OPERATION

Note:

If the radio is not able to find a station broadcasting the program type selected, you will hear a beep and "NO PTY" will appear briefly in the display. The station selected previously will then resume play.

Storing the program types on the station preset buttons

- ⇨ Press **<** or **>** (10) to select the program type.
- ⇨ Press the desired station preset button **1** to **6** (14) for longer than two seconds.

The program type selected will then be stored on the station preset button **1** to **6** (14) pressed.

Optimising radio reception

Interference-related treble cut (HICUT)

The HICUT function improves reception when reception begins to deteriorate. If interference occurs, then the treble and the noise is cut automatically.

Switching HICUT on/off

- ⇨ Press **MENU** (8).
- ⇨ Press **Y** (10) repeatedly until "HICUT" appears in the display.
- ⇨ Press **<** or **>** (10) to switch HICUT on or off.

"HICUT 0" indicates that the function is switched off; when "HICUT 1" appears, the treble will be cut.

- ⇨ Press **MENU** (8) or **OK** (11).

Selecting the display of variable text

A number of radio stations use the RDS signal to transmit advertising or other texts in place of their station names. These "variable texts" will appear in the display. It is possible to adjust your radio so that these "variable texts" do not appear.

- ⇨ Press and hold down **RDS** (4) until "NAME FIX" appears in the display.
- ⇨ To have the "variable texts" displayed again, press and hold down **RDS** (4) until "NAME VAR" appears in the display.

Traffic information

Switching traffic information priority on/off

⇨ Press **TRAF** (15).

Traffic information priority is activated when the traffic congestion symbol lights up in the display.

Note:

You will hear a warning beep

- if you leave the reception area of the traffic information station you are tuned into.
- if you are listening to a cassette tape or a CD, leave the reception area of the traffic information station you are tuned into and the seek tuning function is unable to find another traffic information station.
- if you switch from a traffic information station to a station which does not broadcast traffic information.

Then either switch off traffic information priority or switch to a different traffic information station.

Adjusting the volume for traffic announcements


- ⇨ Press **MENU** (8).
- ⇨ Press **V** (10) repeatedly until "TA VOLUME" appears in the display.
- ⇨ Press **< >** (10) to adjust the traffic announcement volume.
- ⇨ Once you have adjusted the setting, press **MENU** (8) or **OK** (11).

TAPE DECK OPERATION

Tape deck operation

Starting tape deck operation

- If there is no cassette in the tape deck,

⇒ press  (9).

The flip release panel will open.

⇒ Insert a cassette into the tape deck with the open side facing towards the right.

⇒ Close the operating panel.

Cassette playback will begin with the side facing upwards.

- If there already is a cassette inserted into the tape deck,

⇒ press **CD•C** (16) repeatedly until "CASSETTE" appears in the display.

Playback will resume on the side of the tape which was played last.

Cassette eject

⇒ Press  (9).


The flip release panel will open and the cassette will eject.

⇒ Remove the cassette and close the operating panel.

OR

⇒ Insert a different cassette.

Changing cassette sides

⇒ To switch from SIDE A to SIDE B and vice versa, press **2**  (14).

Note:

Once the tape reaches the end, it will automatically switch to the other side (autoreverse).

Skipping music tracks (S-CPS)

⇒ To select the next or other following tracks, press **⏩** (10) once or as many times as required.

"CPS FF" and the number of tracks you want to skip will appear in the display. The tape will fast forward to the next or following track as selected.

⇒ To restart the current track or select one of the previous tracks, press **⏮** (10) once or as many times as required.

"CPS FR" and the number of tracks you want to skip will appear in the display. The tape will rewind to the beginning of the current track or to one of the previous track as selected.

Repeating music tracks

⇒ Press **4 RPT** (14).

The track currently playing will repeat. RPT will light up in the display. When the tape rewinds back to the beginning of the track, "REPEAT TRCK" will appear in the display.

⇒ To stop repeating the track, press **4 RPT** (14) again.

Playback will resume normally. RPT will disappear from the display.

Scanning all of the cassette tracks (SCAN)

⇒ Press **OK** (11) for longer than two seconds.

“CAS SCAN” will appear in the display. Scanning will begin with the next track in ascending order.

⇒ To stop the SCAN function, press **OK** (11) again.

The track currently scanned will continue playing.

Notes:

- It is possible to adjust the scan time. For more information, read the section on “Adjusting the scan time” in the chapter on “Radio Operation”.
- To be able to use the S-CPS, RPT and SCAN functions, there has to be a blank space of at least three seconds between the tracks on the cassette.

Switching the display mode

⇒ To switch the display between the tape side and the clock, press **⏸** / **DIS** (7) for longer than two seconds once or repeatedly as required, until the desired information appears in the display.

Fast forward/rewind

Fast forward

⇒ Press **▶** (10).

“FORWARD” will appear in the display.

Fast rewind

⇒ Press **◀** (10).

“REWIND” will appear in the display.

Stopping fast forward/rewind

⇒ Press **OK** (11).

Playback will resume normally.

Note:

During fast forward/rewind, it is also possible to listen to the last radio station you tuned into. Switch on “Radio monitor”.

Interrupting playback (Pause)

⇒ To interrupt cassette playback, press **3** **▶** (14).

Playback will be interrupted, “CAS PAUSE” will appear in the display.

⇒ Press **3** **▶** (14) again to end the pause.

Switching Radio monitor on/off

⇒ Press **MENU** (8).

⇒ Press **▼** (10) repeatedly until “RM ON” or “RM OFF” appears in the display.

⇒ Press **◀** or **▶** (10) to switch Radio monitor on or off.

⇒ Press **MENU** (8) or **OK** (11).

TAPE DECK OPERATION

Blank skip

It is possible to automatically skip blank portions of the tape which are longer than ten seconds. Simply activate the Blank skip function.

Switching Blank skip on/off

- ⇒ Press **MENU** (8).
- ⇒ Press **Y** (10) repeatedly until "BLANK SKIP" appears in the display.
- ⇒ Press **<** or **>** (10) to switch the Blank skip function on or off.
- ⇒ Press **MENU** (8) or **OK** (11).

Tape equalization

When you play a tape marked "metal" or "CrO₂", it is advisable to set the tape equalization to "MTL ON".

- ⇒ To adjust this setting, press **1 MTL** (14).

"MTL ON" or "MTL OFF" will appear in the display briefly.

Dolby* B noise reduction

When you play a cassette which has been recorded using Dolby B noise reduction, you should switch the Dolby function on.

- ⇒ Press **6 DD** (14).

When the Dolby function is active, **DD** will light up in the display.

* The Dolby noise reduction system is manufactured under licence by Dolby Laboratories Licensing Corporation. The word Dolby and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

Traffic information during cassette playback

If you activate the "TRAFFIC" function (traffic information priority), your car audio system will always be on standby for traffic information. If a traffic announcement is received, cassette playback will be interrupted and you will hear the message. For more information, refer to the section on "Traffic information".

CD changer operation

The CDC A 08 CD changer is included with the Colorado DJ50 and the Carolina DJ50. All of the CD changers listed in the section on "Accessories" can be used in combination with the Bologna C50 or Düsseldorf C50.

Note:

For information on how to handle CDs, how to insert CDs into the changer and how to operate the changer, please refer to the instructions included with the CD changer.

Starting CD changer operation

- ⇒ Press **CD•C** (16) repeatedly until "CHANGER" appears in the display.

Playback will begin with the first CD the changer detects in the magazine.

Selecting CDs

- ⇒ To select a CD up or down in the magazine, press **▲** or **▼** (10) the required number of times.

Selecting tracks

- ⇒ To select a different track on the CD currently playing, press **▶** or **◀** (10) the required number of times.

Audible fast forward/reverse (CUE/REVIEW)

To start Cue or Review,

- ⇒ press and hold down either **◀** or **▶** (10) until the process begins.

Switching the display mode

- ⇒ To switch the display between the track number and elapsed playing time or the track number and time, or track number and CD number, press **⌚ / DIS** (7) for longer than two seconds once or repeatedly as required, until the desired information appears in the display.

Repeating individual tracks or entire CDs (REPEAT)

- ⇒ To repeat the track currently playing, press **4 RPT** (14) briefly.

"REPEAT TRCK" will appear briefly in the display, RPT will light up in the display.

- ⇒ To repeat the entire CD currently playing, press **4 RPT** (14) again.

"REPEAT DISC" will appear briefly in the display, RPT will light up in the display.

Stopping the REPEAT function

- ⇒ To stop the REPEAT function for the current track or CD, press **4 RPT** (14) repeatedly until "REPEAT OFF" appears in the display and RPT no longer lights up.

Playing tracks in random order (MIX)

- ⇒ To play the tracks of the currently selected CD in random order, press **5 MIX** (14) briefly.

"MIX CD" will appear briefly in the display, MIX will light up in the display.

CD CHANGER OPERATION

⇒ To play the tracks of all of the CDs in random order, press **5 MIX** (14) again.

“MIX ALL” will appear briefly in the display, MIX will light up in the display.

Note:

The CDC A 08 and the IDC A 09 are also able to play all of the CDs in the changer in random order. The other CD changers first play all of the tracks on a CD in random order and then select the next CD in the changer.

Stopping the MIX function

⇒ To stop the MIX function, press **5 MIX** (14) repeatedly until “MIX OFF” appears briefly in the display and MIX no longer lights up.

Scanning all of the tracks on all of the CDs (SCAN)

⇒ To scan all of the tracks on all of the CDs in ascending order, press **OK** (11) for longer than two seconds.

“SCAN” will appear in the display.

Stopping the SCAN function

⇒ To stop the SCAN function, press **OK** (11) briefly.

The track currently scanned will continue playing.

Note:

It is possible to adjust the scan time. For more information, read the section on “Adjusting the scan time” in the chapter on “Radio Operation”.

Interrupting playback (PAUSE)

⇒ Press **3** (14).

“PAUSE” will appear in the display.

Stopping PAUSE

⇒ Press **3** (14) during the pause.

Playback will resume.

CLOCK

Displaying the clock briefly

- ⇒ To display the time briefly, press **⌚ / DIS** (7) briefly.

Setting the time

- ⇒ To set the time, press **MENU** (8).
- “MENU” will appear in the display.
- ⇒ Press **⏴** (10) until “CLOCKSET” appears in the display.
- ⇒ Press **▶** (10).

The time will appear in the display. The minutes will flash and can be altered.

- ⇒ Press **⏴** or **⏵** (10) to alter the minutes.
- ⇒ Once you have altered the minutes, press **◀** (10). The hours will begin to flash.
- ⇒ Press **⏴** or **⏵** (10) to alter the hours.
- ⇒ Once you have set the time, press **MENU** (8) or **OK** (11) twice.

Selecting the 12/24-hour time display mode

- ⇒ Press **MENU** (8).
- “MENU” will appear in the display.
- ⇒ Press **⏴** (10) repeatedly until “24 H MODE” or “12 H MODE” appears in the display.
- ⇒ Press **◀** or **▶** (10) to switch the display mode.
- ⇒ Once you have selected the mode, press **MENU** (8) or **OK** (11).

Activating the clock for display when the car audio system is switched off

You can have the clock displayed when the ignition is switched on, but the audio system is switched off.

- ⇒ Press **MENU** (8).
- “MENU” will appear in the display.
- ⇒ Press **⏴** (10) repeatedly until “CLK DISP OFF” or “CLK DISP ON” appears in the display.
- ⇒ Press **◀** or **▶** (10) to switch the clock display on or off.
- ⇒ Once you have made the setting, press **MENU** (8) or **OK** (11).

Displaying the time briefly when the car radio is switched off

To display the time briefly when the car radio is switched off,

- ⇒ press **⌚ / DIS** (7).

The time will then appear in the display for eight seconds.

● TONE AND BALANCE/FADER

Adjusting the tone and balance/fader

Adjusting the bass

- ⇒ To adjust the bass, press **AUD / LD** (13).

“BASS” will appear in the display.

- ⇒ Press **▲** or **▼** (10) to alter the bass.

Adjusting the treble

- ⇒ To adjust the treble, press **AUD / LD** (13).

“BASS” will appear in the display.

- ⇒ Press **▶** (10) until “TREBLE” appears in the display.
- ⇒ Press **▲** or **▼** (10) to alter the treble.

Adjusting the balance

- ⇒ To adjust the balance, press **AUD / LD** (13).

“BASS” will appear in the display.

- ⇒ Press **▶** (10) until “BALANCE” appears in the display.
- ⇒ Press **▲** or **▼** (10) to alter the balance.

Adjusting the fader

- ⇒ To adjust the fader, press **AUD / LD** (13).

“BASS” will appear in the display.

- ⇒ Press **▶** (10) until “FADER” appears in the display.
- ⇒ Press **▲** or **▼** (10) to alter the fader.

Switching Loudness on/off

Loudness boosts the bass and treble when the volume is low to create a more natural sound.

- ⇒ Press **AUD / LD** (13) for approx. two seconds.

LD will light up in the display to indicate that Loudness is active.

Adjusting Loudness intensity

The Loudness boost can be set in stages from one to six.

- ⇒ Press **MENU** (8).

“MENU” will appear in the display.

- ⇒ Press **▼** (10) repeatedly until “LOUDNESS” appears in the display.
- ⇒ Press **◀** or **▶** (10) to alter the Loudness setting.
- ⇒ Once you have completed adjusting the settings, press **MENU** (8) or **OK** (11).

Equalizer

This car audio system is equipped with a parametric 2-band equalizer. For "LOW EQ" the gain can be set to a frequency between 60 to 100 Hz. For "HIGH EQ" the gain can be set to a frequency between 10000 and 17500 Hz. As a result, it is possible to significantly influence the in-vehicle acoustics.

Notes on making equalizer settings

We recommend that you use a cassette or CD (if a CD changer is connected) you are familiar with to make the settings.

Before you set the equaliser, set bass, treble, balance and fader to "0" and deactivate the Loudness function. For more information on how to do this, refer to the section on "Tone and balance/fader".

- ⇒ Now listen to the cassette or CD you have selected.
- ⇒ Evaluate the sound according to your own personal preferences.
- ⇒ Now refer to "Sound impression" in the following table.
- ⇒ Make the settings for the equalizer as described under "What to do".

Switching the equalizer on/off

- ⇒ To switch the equalizer on, press and hold down **EQ** (12) until EQ lights up in the display and "EQ ON" appears briefly.
- ⇒ To switch the equalizer off, press and hold down **EQ** (12) until EQ no longer lights up in the display and "EQ OFF" appears briefly.

Adjusting the equalizer

- ⇒ Press **EQ** (12).
- "LOW EQ" will appear in the display.
- ⇒ Press **<** or **>** (10) to select either "LOW EQ" or "HIGH EQ".
- ⇒ Press **▲** or **▼** (10) to adjust the gain.
- ⇒ Press **<** or **>** (10) to select the frequency range.
- ⇒ To select the next frequency, press **OK** (11) first and then **>** (10).
- ⇒ Once you have completed making all of the necessary adjustments, press **EQ** (12).

EQUALIZER

Assistance in setting your equaliser

Start to make your settings in the treble and end it with the bass range.

Frequency range	Sound impression/problem	What to do	Notes
Bass 60 to 100 Hz	Bass reproduction too weak	Boost the bass with "LOW EQ". Frequency: 60 to 100 Hz. Gain: +4 to +6 dB.	Avoid distortion. Adjust the gain carefully.
Treble 10000 to 17500 Hz	Lifeless reproduction. Lack of transparency. Instruments do not sparkle.	Boost treble range with "HIGH EQ". Frequency: 10000 to 17500 Hz. Gain: +2 to +4 dB.	Avoid a piercing type of tone. Strong hissing sound unpleasant.

Adjusting the spectrometer

The spectrometer in the display uses symbols to temporarily indicate what adjustments are made to the volume, the tone and balance/fader and the equalizer settings.

If no adjustments are being made to the system, the spectrometer displays the output level of the car radio.

You can select the type of spectrometer you want displayed in the menu. There are two different types available.

Selecting the spectrometer type

- Press **MENU** (8).
- "MENU" will appear in the display.
- Press **▼** (10) repeatedly until "EQ DISPLAY" appears in the display.
- Press **◀** or **▶** (10) to select either "SPECTRUM 1", "SPECTRUM 2" or "EQ DISP OFF".
- Once you have completed adjusting the settings, press **MENU** (8) or **OK** (11).

External audio sources

In place of the CD changer it is also possible to connect other external audio sources to the line output. These sources can include a portable CD player, MiniDisc player or MP3 player.

You must activate the AUX output in the menu.

If you would like to connect another external audio source, you will require an adapter cable. This adapter cable can be ordered from any authorized Blaupunkt dealer.

Switching the AUX output on/off

⇒ Press **MENU** (8).

“MENU” will appear in the display.

⇒ Press **▼** (10) repeatedly until “AUX-IN-1 OFF” or “AUX-IN-1 ON” appears in the display.

⇒ Press **◀** or **▶** (10) to switch AUX on or off.

⇒ Once you have completed your selections, press **MENU** (8) or **OK** (11).

Note:

If the AUX input has been switched ON, you can select it by pressing **CD•C** (16).

Specifications

Amplifier

Output power: 4 x 25 watts RMS
acc. to DIN 45 324
at 14.4 V
4 x 40 watts max.
power

Tuner

Wavebands:

FM : 87.5 - 108 MHz

MW : 531 - 1602 kHz

LW : 153 - 279 kHz

(MW and LW do not apply to the Düsseldorf C50 and the Colorado DJ50)

FM frequency response:

30 - 15000 Hz

Tape deck

Frequency response:

30 - 18000 Hz

Preamp Out

4 channels: 2 V

Subject to technical modification!

Service-Nummern / Service numbers / Numéros du service après-vente / Numeri del servizio di assistenza / Servicenummers / Telefonnummer för service / Números de servicio / Número de serviço

	Tel.:	Fax:
Deutschland	0 18 05 00 02 25	0 51 21 49 40 02
Belgique / België	0 25 25 54 44	0 25 25 54 48
France	014 010 70 07	014 010 73 20
Nederland	023 565 63 48	023 565 63 31
Great Britain	018 958 383 66	018 958 383 94
Danmark	44 89 83 60	44 89 86 44
Sverige	08 750 15 00	08 750 18 10
Norge	66 81 70 00	66 81 71 57
Suomi	094 359 91	094 359 92 36
Österreich	01-6 10 39-0	01-6 10 39-391
Ελλάς	015 762 241	015 769 473
Česká republika	026 130 04 41	026 130 05 14
USA	800-266 25 28	708-681 71 88
Singapore	006 535 054 47	006 535 053 12
Slovensko	042 175 873 212	042 175 873 229

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