

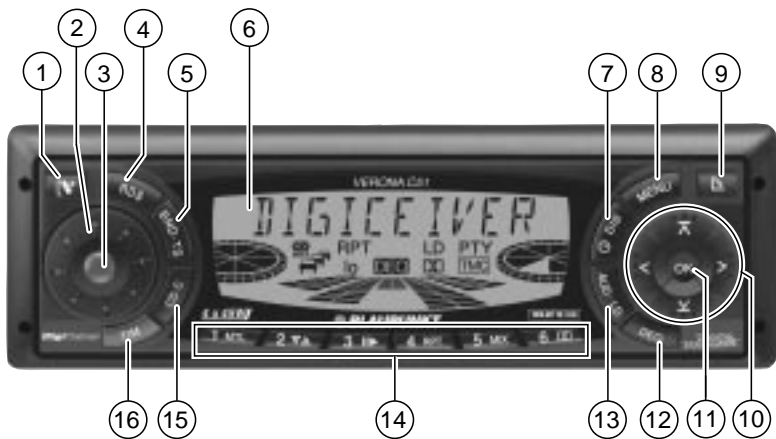
Radio / Cassette

# Verona C51

## Operating instructions






 **BLAUPUNKT**



## OPERATING ELEMENTS

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- ①  button for unlatching the removable release panel
- ② Volume control
- ③ Button for switching the device on and off and for muting the device
- ④ **RDS** button for switching the RDS (Radio Data System) convenience function on/off and for selecting display of running texts
- ⑤ **BND** button (band) for the selection of the radio source, selection of the FM memory levels and the MW or LW wavebands  
**TS** starts the Travelstore function
- ⑥ Display
- ⑦  button to display clock time  
**DIS** changes display contents
- ⑧ **MENU** button, which calls up the basic settings menu
- ⑨  button for opening the flip-release panel
- ⑩ Arrow buttons
- ⑪ **OK** button to confirm menu entries and start scan function
- ⑫ **DEQ** button (Digital Equalizer) to switch equalizer on/off
- ⑬ **AUD** button (Audio) for adjusting bass, treble, balance and fader  
**LD** switches loudness function (hearing-weighted volume adaptation) on/off
- ⑭ Buttons **1 - 6**
- ⑮ **CD•C** button for choosing between cassette, CD-changer (if connected) and AUX
- ⑯ **TIM** button (Traffic Information Memory) to switching traffic news on/off

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# NOTES AND ACCESSORIES

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Thank you for choosing a Blaupunkt product. We hope you will enjoy your new equipment.

Please read these instructions before using for the first time. Blaupunkt's editors are constantly working to write clear, generally understandable instructions for use. If you still have questions about how to use your equipment, please refer to your dealer or to your country's telephone hotline. You will find the telephone numbers on the back of this booklet.

## Road Safety

 Road safety has top priority. Only make adjustments to your car radio when the traffic conditions allow. Familiarise yourself with the device before you start driving.

You must be able to hear audible alarms from police vehicles, fire engines or ambulances promptly inside the vehicle.

You should therefore listen at an appropriate volume when travelling.

## Fitting

If you want to fit your car radio yourself, read the fitting and connecting instructions at the end of the guide.

## Accessories

Only use accessories approved by Blaupunkt.

## Remote control

The optional RC 08 and RC 10 remote control units allow you to control your car radio's basic functions safely and conveniently from the steering wheel.

## Amplifiers

Any Blaupunkt amplifier can be used.

## CD Changers

The following Blaupunkt CD changers can be connected:

CDC A 06, CDC A 08, CDC A 072 or IDC A 09.

Using an adapter cable (Blaupunkt No. 7 607 889 093) you can also connect the CDC A 05 or CDC A 071 CD changers.

## Release Panel

### Theft Protection

Your device has a removable flip-release panel to protect it from theft.

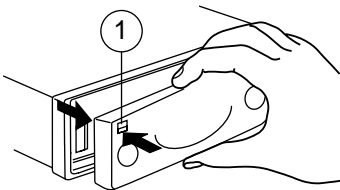
The radio is of no value to a thief without this panel.

Protect your device from theft by taking the release panel with you whenever you leave the vehicle. Do not leave the panel in the car, even in a hidden place. The release panel is designed for easy handling.

#### Note:

- Do not drop the panel.
- Do not expose the panel to direct sunshine or any other source of heat.
- Always carry the panel in the case provided.
- Avoid touching the contacts on the panel with your skin. If necessary, clean the contacts using a lint-free cloth dipped in alcohol.

### Removing the Release Panel



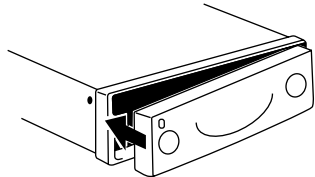
- ⇨ Press the **[V]** button ①.

The panel unlatches.

- ⇨ Pull the panel off the device, first straight forward and then to the left.
- When the release panel has been separated from the device, it switches itself off.
- Any current settings are saved.
- If a cassette has been inserted, it remains in the device.

### Attaching the Release Panel

- ⇨ Push the panel into the guides on the device from left to right.
- ⇨ Push the left hand side of the panel into the device until it engages.



#### Note:

- Do not press the display as you insert the panel.

If the device was switched on when the panel was removed, it will switch itself back on automatically with the last settings (radio, cassette, CD-changer or AUX) as soon as the panel is replaced.

# SWITCHING ON AND OFF

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## Switching On and Off

The device can be switched on and off in the following ways:

### Switching On and Off with the Vehicle Ignition

If the device is correctly connected to the vehicle ignition, and has not been switched off with button (3), it is switched on and off along with the ignition.

To switch the device on when the ignition is off:

- ⇨ Press button (3).

#### Note:

- To protect the vehicle battery, the device is automatically switched off after an hour if the vehicle ignition is off.

### Switching On and Off with the Release Panel

- ⇨ Remove the release panel.

The device switches off.

- ⇨ Replace the release panel.

The device switches on. The most recent settings (radio, cassette, CD-changer or AUX) are restored.

### Switching On / Off with button (3)

- ⇨ Press button (3) to switch on.

- ⇨ To switch off, hold button (3) pressed for longer than two seconds.

The device switches off.

### Switching on by inserting a cassette

If there is no cassette in the device when it is switched off:

- ⇨ Press the  button (9).

The flip release panel opens.

- ⇨ Push the cassette gently into the device, with the open side to the right, until you feel it stop.

The cassette is then automatically drawn into the device.

While the cassette is being drawn in, do not push or pull it.

- ⇨ Close the panel with a gentle push until it locks.

The device switches on. The cassette starts playing.

## Volume Adjustment

The volume can be adjusted in steps from 0 (off) up to 66 (maximum).

To increase the volume

- ⇒ Turn the volume control (2) to the right.

To reduce the volume

- ⇒ Turn the volume control (2) to the left.

## Setting Switch-On Volume

The volume the device plays at when switched on can be adjusted as follows:

- ⇒ Press the **MENU** button (8).
- ⇒ Press the **▲** or **▼** button (10) until "ON VOLUME" appears in the display.
- ⇒ Adjust the switch-on volume with the **<>** buttons (10).

If you set "0", then whatever volume was in use before the device was switched off will be reactivated.

**⚠ Risk of serious injury!** If the level of switch-on volume is set to maximum, the volume when switching on may be very high.

If the volume was set to maximum before switching off, and the value for the switch-on volume is set to "0", the volume when switching on can be very high. This can damage hearing!

- ⇒ Press the **MENU** button (8) or **OK** (11).

## Immediate Volume Reduction (Mute)

You can reduce the volume immediately (mute) to a pre-set level.

- ⇒ Press button (3) briefly. "MUTE" appears in the display.

## Adjusting Muted Volume

The mute level is adjusted as follows:

- ⇒ Press the **MENU** button (8).
- ⇒ Press the **▲** or **▼** button (10) until "MUTE LEVEL" appears in the display.
- ⇒ Adjust the mute level with the **<>** buttons (10).
- ⇒ Press the **MENU** button (8) or **OK** (11).

## Telephone Audio/Navigation Audio

If your car radio is connected to a mobile telephone or navigation system, then when the telephone is taken "off the hook", or when the navigation system is speaking, the car radio is muted. The telephone conversation or speech output are reproduced via the car radio speakers. This requires the mobile telephone or navigation system to be connected to the car radio as described in the installation instructions.

Your Blaupunkt dealer can tell you which navigation systems can be used with your car radio.



## VOLUME ADJUSTMENT

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If a traffic announcement is received during a telephone call, or while the navigation system is speaking, the traffic announcement is not reproduced until the call or the speech output has finished.

If a call is received or if the navigation system begins speaking during a traffic announcement, the announcement is reproduced. The telephone call or speech output can be heard when the traffic announcement has finished.

The volume at which navigation output or telephone calls start is adjusted as follows:

- ⇒ Press the **MENU** button (8).
- ⇒ Press the **↖** or **↘** button (10) until "TEL/NAVI VOL" appears in the display.
- ⇒ Set the desired volume with the **<>** buttons (10).
- ⇒ Press the **MENU** button (8) or **OK** (11).

### Note:

- You can adjust the volume level of telephone calls and of speech output as they are made with the volume control (2).

### Adjusting the Volume of the Confirmation Tone

With certain functions, if you hold a button pressed for longer than two seconds, e.g. when saving a station frequency on a station button, a confirmation tone (or beep) is heard. To adjust the volume level of the beep

- ⇒ Press the **MENU** button (8).
- ⇒ Press the **↖** or **↘** button (10) until "BEEP" appears in the display.
- ⇒ Adjust the desired volume with the **<>** buttons (10).  
"0" means no beep, "9" means maximum beep volume.
- ⇒ Press the **MENU** button (8) or **OK** (11).

## Radio Operation

This device is equipped with an RDS radio receiver. Many FM stations transmit an additional signal containing extra information such as station name and program type (PTY).

As soon as it can be received, the name of the station is shown in the display.

### Switching on Radio Operation

If the current operating mode is cassette or CD-changer

⇒ Press the **BND/TS** button (5).

### RDS Convenience Function (AF, REG)

The RDS convenience functions AF (alternative frequency) and REG (regional) extend your radio's functional power.

- AF: If the RDS convenience function has been activated, the device automatically switches to the best frequency on which the chosen station can be received.
- REG: Some stations divide their programs at certain times into regional programs with different content. The REG function prevents the car radio from switching to alternative frequencies with different program content.

#### Note:

- REG must be separately activated or deactivated in the menu.

### Switching REG On / Off

⇒ Press the **MENU** button (8).

⇒ Press the **↶** or **↷** button (10) until "REG" appears in the display.

Either "OFF" or "ON" is displayed after "REG".

To turn REG on or off

⇒ Press the **<** or **>** button (10).

⇒ Press the **MENU** button (8) or **OK** (11).

### Switching RDS convenience function on/off

To use the RDS convenience functions AF and REG

⇒ Press the **RDS** button (4).

The RDS convenience functions are active if RDS shows in the display. When the RDS convenience functions are switched on "REG ON" or "REG OFF" flashes up.

### Select Waveband/Memory Level

This radio receives stations in the VHF (FM) waveband as well as MW and LW (AM) stations. Three memory levels are available for the FM waveband, and one memory level is available for each of the MW and LW bands.

Six stations can be stored in each memory level.

To switch between memory levels and wavebands

⇒ Press the **BND/TS** button (5) briefly.

# RADIO OPERATION

## Setting the Station

There are a number of ways to set the station.

### **Automatic Station Search**

⇨ Press the **↔** or **↵** button (10).

The next station that can be received is tuned in.

### **Manual Station Tuning**

To tune to a station manually

⇨ Press the **<** or **>** button (10).

#### **Note:**

- Manual station tuning is only possible when the RDS convenience function is deactivated.

### **Browsing a chain of stations (FM only)**

If a station provides several programs, it is possible to browse through this "chain" of stations.

⇨ Press the **<** or **>** button (10) to change to the next link in the station chain.

#### **Note:**

- To use this function, the RDS convenience function must be active.

This means you can only switch to a station you have already received at least once. Use the Scan or Travelstore function for this purpose.

## Adjusting Station Search Sensitivity

You can choose whether to search only for stations with strong signals, or whether weak stations should be included.

⇨ Press the **MENU** button (8).

⇨ Press the **↔** or **↵** button (10) until "SENS" appears in the display.

⇨ Press the **>** button (10).

The current sensitivity level appears in the display. "SENS HI6" means maximum sensitivity, "SENS LO1" means minimum sensitivity. When "SENS LO" is selected, the display shows "lo".

⇨ Set the desired sensitivity with the **<>** buttons (10).

⇨ Press the **MENU** button (8) or **OK** (11).

## Saving Stations

### **Saving a Station Manually**

⇨ Choose between memory levels FM1, FM2, FMT or the AM waveband (MW/LW).

⇨ Tune to the station you want.

⇨ Choose one of the station buttons **1 - 6** (14) on which you want to store the station and hold it pressed for longer than two seconds.

### **Saving Stations Automatically (Travelstore)**

You can also save the six strongest stations in the area automatically (FM only). The stations are saved on the FMT memory level.

## Note:

- Any stations previously saved on this level will be deleted.

- ⇒ Press the **BND/TS** button (5) for longer than two seconds.

Storing starts. "TRAVEL-STORE" appears in the display. When the procedure is complete, the station in memory location 1 of the FMT memory level is played.

## Going to Pre-set Stations

- ⇒ Select the memory level where the station is stored.
- ⇒ Press the corresponding button **1 - 6** (14).

## Scanning Through Available Stations (SCAN)

You can listen to short samples from all the stations that can currently be received. The length of the samples can be set, in the menu, to between 5 and 30 seconds.

### Starting SCAN

- ⇒ Hold down the **OK** button (11) for longer than two seconds.

The scanning process starts. "SCAN" appears briefly in the display, after which the current frequency is displayed, flashing.

### Stop SCAN, continue listening to a station

- ⇒ Press the **OK** button (11).

The scanning process is stopped, and the last station sampled plays.

## Setting Scan Time

- ⇒ Press the **MENU** button (8).
- ⇒ Press the **↔** or **↵** (10) until "SCAN-TIME" appears in the display.
- ⇒ Set the desired sampling time with the **<>** buttons (10).
- ⇒ When the setting process is complete, press the **MENU** button (8) or **OK** (11) twice.

## Note:

- The chosen sampling time also applies to cassette and CD-changer scans.

## Program Type (PTY)

As well as the station name itself, some FM stations also supply information about the type of program being transmitted. This information can be received and displayed by your radio.

Examples of these program types could be:

CULTURE	TRAVEL	JAZZ
SPORT	NEWS	POP
ROCK	CLASSICS	

Using the PTY function it is possible to specifically select stations transmitting a particular program type.

### PTY-EON

When the program type has been selected and the search started, the device changes from the current station to one with the selected program type.

# RADIO OPERATION

## Note:

- If no station is found with the chosen program type, a beep is heard and the display briefly shows "NO PTY". The tuner returns to the most recently received station.

If the station set, or another station from the station chain, starts to transmit the desired program type at a later time, the device changes automatically from the current station, or out of cassette or CD changer operation, and switches over to the station with the desired program type.

## Switching PTY On / Off

- ⇒ Press the **MENU** button (8).
- ⇒ Press the **↔** or **↵** (10) until "PTY ON" or "PTY OFF" appears in the display.
- ⇒ Use the **<** or **>** button (10) to turn PTY ON or OFF.

When PTY is switched on, "PTY" shows in the display.

- ⇒ Press the **MENU** button (8) or **OK** (11).

## Selecting the program type and starting the search

- ⇒ Press the **<** or **>** button (10).

The current program type is shown in the display.

To change to a different program type

- ⇒ Press the **<** or **>** button (10) while the type display is active.

or

- ⇒ Press one of the buttons **1 - 6** (14) to change the program type stored for that button.

The selected program type is briefly displayed.

- ⇒ Press the **↔** or **↵** button (10) to start the search.

The next station with the selected program type is tuned in.

## Storing the program type on the station button

- ⇒ Select a program type with the **<** or **>** button (10).
- ⇒ Hold down the desired station button **1 - 6** (14) for longer than two seconds.

The program type is saved on the chosen button **1 - 6** (14).

## Optimising Radio Reception

### Treble cut in the presence of interference (HICUT)

The HICUT function improves the sound when radio reception is poor (FM only). When interference is being experienced, the treble is automatically cut, which therefore also reduces the level of interference.

### Switching HICUT On / Off

- ⇒ Press the **MENU** button (8).
- ⇒ Press the **↔** or **↵** button (10) until "HICUT" appears in the display.
- ⇒ Press the **<** or **>** button (10) to adjust the HICUT.

“HICUT 0” means the function is inactive, while “HICUT 3” indicates the strongest automatic reduction of the treble and the interference.

- ⇒ Press the **MENU** button (8) or **OK** (11).

## Bandwidth selection in the presence of interference (SHARX)

The SHARX function allows you to eliminate interference from neighbouring stations as far as possible (FM only). Switch on the SHARX function when stations are crowded.

### Switching SHARX On / Off

- ⇒ Press the **MENU** button (8).
- ⇒ Press the **▲** or **▼** button (10) until “SHARX” appears in the display.
- ⇒ Press the **<** or **>** button (10) to switch SHARX on or off.

“SHARX OFF” means that the function is not active, while “SHARX ON” means that the automatic bandwidth selection is operating.

- ⇒ Press the **MENU** button (8) or **OK** (11).

## Select Display of Running Texts

Some radio stations use the RDS signal to transmit advertising or other information instead of the station name. These “running texts” are shown in the display. To switch off the display of “running texts”:

- ⇒ Hold the **RDS** button (4) pressed until “NAME FIX” appears in the display.

To reactivate the display of “running texts”

- ⇒ Hold the **RDS** button (4) pressed until “NAME VAR” appears in the display.

## Adjusting the Display

Under radio operation it is possible to choose between continuous display of the time or continuous display of the station name (or frequency).

- ⇒ Hold the **⌚** / **DIS** button (7) pressed until the display you want appears.

# TRAFFIC INFORMATION

## Traffic Information

This device is equipped with an RDS EON receiver. EON means **E**nhanced **O**ther **N**etwork.

Whenever a traffic announcement (TA) is made, the radio switches automatically from a station that does not broadcast traffic information to one in the chain of stations that does.

After the traffic announcement, the device returns to the station that was previously tuned in.

### Switching Traffic Information Priority On / off

⇨ Press the **TIM** button (16) for longer than two seconds.

Traffic announcement priority is activated if the traffic jam symbol is illuminated.

#### **Note:**

You will hear a warning tone:

- If you leave the reception area of a traffic radio station you are listening to.
- If, when you are listening to a cassette, you leave the reception area of the selected traffic radio station, and the automatic search which then follows fails to find a new traffic radio station.
- If you change from a traffic radio station to a station with no traffic information.

Either switch off the traffic information priority, or switch to a station with traffic information.

### Adjusting the Volume for Traffic Announcements

- ⇨ Press the **MENU** button (8).
- ⇨ Press the **▲** or **▼** button (10) until "TA VOLUME" appears in the display.
- ⇨ Use the **<>** buttons (10) to adjust the volume.
- ⇨ Press the **MENU** button (8) or **OK** (11).

#### **Note:**

- During a traffic announcement you can adjust the volume for the duration of the announcement using the volume control (2).

#### **Note:**

- You can set the tone and volume for traffic announcements. For more information, consult the section on "Tone and volume controls".


## Traffic Information Memory (TIM)

This car radio can make digital recordings of up to four items of traffic news with a maximum total length of four minutes. Traffic news is also recorded when the radio is switched off, provided the TIM function is activated.

When the TIM function is activated, all incoming traffic news bulletins from the last station listened to are automatically recorded.

### Note:

- If the last station listened to can no longer be received, a new station is automatically tuned in.

 Risk of damage to automatic car aerials!

If the TIM function is activated, automatic radio aerials remain extended. Before using a carwash, deactivate the TIM function and then switch off the car radio.

## Switching TIM On / Off

- ⇒ Press the **MENU** button (8).
- ⇒ Press the **↔** or **↵** button (10) until "TIM ON" or "TIM OFF" appears in the display.
- ⇒ Use the **<>** buttons (10) to switch the TIM function on or off.
- ⇒ Press the **MENU** button (8) or **OK** (11).

## Listening to TIM messages

- ⇒ Press the **TIM** button (16).

The display shows the time and the number of messages recorded. The latest traffic news bulletin is always the one with the lowest number.

### Note:

- If no messages are recorded, "NO TIM" appears in the display. If a message is over 4 minutes long, "OVERFLOW" appears in the display.

## Selecting messages

- ⇒ To listen to a specific TIM item, press the **↔** or **↵** button (10) during TIM recall.

## Fast Search (audible)

For a fast search forwards or backwards

- ⇒ Press one of the **<>** buttons (10) until fast forward or backward searching begins.

## Ending TIM recall before all messages have been played

- ⇒ Press the **TIM** button (16) again to interrupt message recall.



### Extending TIM Standby Time

Once the device is switched off, TIM remains on standby for two hours. This period can be extended to 24 hours.

- ⇨ Activate TIM.
- ⇨ Switch the car radio off with button (3).

“TIM 2H” appears in the display.

- ⇨ Hold the **TIM** button (16) pressed for longer than one second.


“TIM 24H” appears in the display.

#### **Note:**

- To protect the vehicle battery, the extension of TIM standby time only remains active until the car radio is next turned on.

### Cassette Operation

#### Cassette Play

- If there is no cassette in the device
- ⇨ Press the  button (9).

The flip-release panel opens.

- ⇨ Insert the cassette into the cassette slot with the open side to the right.
- ⇨ Close the control unit.

The cassette starts playing with the side that is facing upwards.

- If there is already a cassette in the device
- ⇨ Press the **CD•C** button (15) until “CASSETTE” appears in the display.

The cassette is played in whichever direction was last selected.

#### Cassette Ejection

- ⇨ Press the  button (9).

The flip-release panel opens and the cassette is ejected.

- ⇨ Remove the cassette and close the release panel

**or**

- ⇨ Insert a new cassette.

## Changing Direction of Play

To change between SIDE A and SIDE B

⇨ Press button **2**  (14).

### **Note:**

- At the end of the tape, the direction of play is automatically reversed (auto-reverse).

## Skipping Tracks (S-CPS)

To skip to the next or a later track

⇨ Press the **↗** button (10) one or more times.

“CPS FF” and the number of tracks to be skipped appear in the display. The tape fast forwards to the next track or the chosen later track.

To skip track backwards

⇨ Press the **↘** button (10) one or more times.

“CPS FR” and the number of tracks to be skipped appear in the display. The tape is rewound to the start of the present track or the desired earlier track.

## Playing a Track Repeatedly

⇨ Press button **4 RPT** (14).

The present track is repeated. RPT shows in the display. While the tape is being rewound after the end of the track, “REPEAT TRCK” appears in the display.

To stop repeating the track

⇨ Press button **4 RPT** (14) again.

Play continues as normal. RPT disappears from the display.

## Sampling All the Tracks on a Cassette (SCAN)

⇨ Hold down the **OK** button (11) for longer than two seconds.

“CAS SCAN” appears in the display. Samples from all the tracks on the tape are played in ascending order.

To halt the scan

⇨ Press the **OK** button (11) a second time.

The track that is currently being sampled will continue playing.

### **Note:**

- The duration of samples can be adjusted. Refer to the section on “Setting Sample Time” under “Radio Operation”.
- To use the S-CPS, RPT and SCAN functions, there must be a pause of at least three seconds between the tracks on the cassette.

## Changing Display Contents

To switch between the display of tape direction, elapsed play time, remaining play time, tape counter or clock time:

⇨ Hold down the **⏻ / DIS** button (7) for longer than two seconds once or repeatedly until the display you want appears.

# CASSETTE OPERATION

## Resetting the Tape Counter

To reset the tape counter

- ⇨ Press button **5 MIX** (14).

## Fast Winding

### **Fast forward**

- ⇨ Press the **>** button (10).  
“FORWARD” appears in the display.

### **Fast rewind**

- ⇨ Press the **<** button (10).  
“REWIND” appears in the display.

### **Stopping fast winding**

- ⇨ Press the **OK** button (11).  
Play continues.

### **Note:**

- While the tape is being fast wound, the last radio station tuned in can be listened to. This requires the “Radio monitor” function to be switched on.

## Pausing During Play

To interrupt tape play

- ⇨ Press button **3** **▶▶** (14).  
Play is interrupted and “PAUSE” appears in the display.
- ⇨ Press button **3** **▶▶** (14) again to resume play.

## Switching the Radio Monitor On / off

- ⇨ Press the **MENU** button (8).
- ⇨ Press the **↔** or **↕** button (10) until “RM ON” or “RM OFF” appears in the display.
- ⇨ Press the **<** or **>** button (10) to switch the radio monitor on or off.
- ⇨ Press the **MENU** button (8) or **OK** (11).

## Skipping Blank Tape

You can automatically skip sections of blank tape that last longer than 10 seconds. This requires the blank skip function to be activated.

### **Switching Blank Skip On / Off**

- ⇨ Press the **MENU** button (8).
- ⇨ Press the **↔** or **↕** button (10) until “BLANK SKIP” appears in the display.
- ⇨ Press the **<** or **>** button (10) to switch the blank skip function on or off.
- ⇨ Press the **MENU** button (8) or **OK** (11) twice.

## Selecting Tape Type

If you are playing a “Metal” or “CrO<sub>2</sub>” tape, you should set the tape type selector to “MTL ON”.

To select the tape type

- ⇨ Press button **1 MTL** (14).

Either “MTL ON” or “MTL OFF” will appear briefly in the display.

### Dolby\* B Noise Reduction

You should switch on the Dolby function whenever you play tapes recorded using the Dolby B process.

⇒ Press button **6**  (14).

When the Dolby function is switched on,  shows in the display.

\*Noise reduction system manufactured under licence from Dolby Laboratories. The word Dolby and the double-D symbol are trademarks of Dolby Laboratories.

### Traffic Information with Cassette Operation

The "TRAFFIC" function (which gives priority to traffic announcements) enables your radio to receive traffic announcements even when playing cassette tapes. When a traffic announcement comes, cassette play is stopped and the traffic announcement is played. For more information, read the section on "Traffic Information".

### CD Changer Operation

#### **Note:**

- For information on handling CDs, inserting them and operating the CD changer, please consult the operating instructions for your CD changer.

### Starting CD Changer Operation

⇒ Press the **CD•C** button (15) until "CHANGER" appears in the display.

Play will start with the first CD recognised by the CD changer.

### Selecting a CD

To change to a different CD

⇒ Press the **↔** or **↵** button (10) one or more times.

### Selecting a Track

To change to a different track on the current CD

⇒ Press the **<** or **>** button (10) one or more times.

### Fast Search (Audible)

To search rapidly backwards or forwards

⇒ Hold down one of the **<>** buttons (10) until fast searching begins.

# CD CHANGER OPERATION

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## Changing Display Contents

To switch the display between track number plus play time, track number plus clock time, track number plus CD number, or track number plus CD name

- ⇒ Press the **⏻ / DIS** button (7) for longer than two seconds one or more times until the desired display appears.

## Repeat Playing Tracks or Whole CDs (REPEAT)

To repeat the current track

- ⇒ Press button **4 RPT** (14) briefly.

“REPEAT TRCK” flashes up briefly and the display shows “RPT”.

To repeat the current CD

- ⇒ Press button **4 RPT** (14) again.

“REPEAT DISC” flashes up briefly and the display shows “RPT”.

## Stopping REPEAT

To stop repetition of the current track or CD

- ⇒ Press button **4 RPT** (14) until the display shows “REPEAT OFF” and “RPT” disappears.

## Playing Tracks in Random Sequence (MIX)

To play the tracks of the current CD in random sequence

- ⇒ Press button **5 MIX** (14) briefly.

“MIX CD” flashes up, the display shows “MIX”.

To play the tracks of all the CDs in the CD changer in random sequence

- ⇒ Press button **5 MIX** (14) again.

“MIX ALL” flashes up and the display shows “MIX”.

### **Note:**

- The CDC A 08 and IDC A 09 models mix all tracks on all CDs in the CD changer, while all other changers mix the tracks of a single CD before moving to the next CD in the changer.

## Ending MIX function

- ⇒ Press button **5 MIX** (14) until the display shows “MIX OFF” and “MIX” disappears.

## Sampling All Tracks on All CDs (SCAN)

To listen to short samples of all tracks on all the CDs in the CD changer in ascending order

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

“SCAN” appears in the display.

## Ending SCAN

To halt the scan

⇒ Press **OK** (11) again briefly.

The track currently being sampled will continue to play.

### Note:

- The lengths of these samples can be set. Please consult the section on "Setting Scan Time" under "Radio Operation".

## Pausing During Play

⇒ Press button **3** (14).

"PAUSE" appears in the display.

## Continuing after the pause

⇒ Press button **3** (14) again.

Play resumes.

## Naming CDs

In order to recognise your CDs more effectively, the car radio allows you to give individual names to up to 99 CDs. The names may have up to seven characters.

If you attempt to assign more than 99 names, the display will show "FULL".

## Entering and changing CD names

⇒ Press the **MENU** button (8).

⇒ Use the **↔** or **↵** button (10) to select "CDC NAME".

⇒ Press the **<** or **>** button (10).

The device is now in selection mode.

⇒ Choose the CD that you want to name with the **↔** or **↵** button (10).

⇒ Press the **<** or **>** button (10).

The device enters edit mode. If your chosen CD is not yet named, seven underscores appear in the display.

⇒ The current entry location blinks.

⇒ Use the **↔** or **↵** button (10) to select your characters. If a space is required, select the underscore.

⇒ Use the **<** or **>** button (10) to change the input location.

⇒ To save the name, press the **MENU** button (8) or **OK** (11).

## Deleting a CD name

⇒ Start playing the CD whose name is to be deleted.

⇒ Press the **MENU** button (8).

⇒ Use the **↔** or **↵** button (10) to select "CDC NAME".

⇒ Press the **<** or **>** button (10).

⇒ Press and hold the **MENU** button (8).

After four seconds a beep is heard and "DELETE NAME" appears in the display.

⇒ Release the **MENU** button (8).

The CD name has been deleted.

⇒ Return to the menu by pressing the **OK** button (11).

**Deleting all CD names**

To delete all stored CD names

- ⇒ Listen to a CD.
- ⇒ Press the **MENU** button (8).
- ⇒ Use the **↔** or **↵** button (10) to select "CDC NAME".
- ⇒ Press the **<** or **>** button (10).
- ⇒ Hold down the **MENU** button (8).

After four seconds a beep is heard and "DELETE NAME" appears in the display.

- ⇒ Continue to hold the **MENU** button (8) until a second beep is heard and "DELETE ALL" appears in the display.
- ⇒ Release the **MENU** button (8).

All CD names in the CD changer have been cleared.

- ⇒ Return to the menu by pressing the **OK** button (11).

**CLOCK - Time****Displaying the Time Briefly**

To display the time

- ⇒ Press the **⊕ / DIS** button (7) briefly.

**Setting the Time**

The clock time can be set automatically via the RDS signal. If you cannot receive an RDS station, or if the RDS station to which you are listening does not support this function, it is also possible to set the time manually.

**Setting clock time automatically**

To have the time set automatically

- ⇒ Press the **MENU** button (8).
- ⇒ Press the **↔** or **↵** button (10) until "CLOCK MAN" (manual) or "CLOCK AUTO" (automatic) appears in the display.
- ⇒ Press the **<** button (10) until "CLOCK AUTO" appears in the display.
- ⇒ Press the **MENU** button (8) or **OK** (11).

When a station with the RDS clock function (RDS-CT) is received, the time is automatically set.

### Setting clock time manually

To set the time

- ⇒ Press the **MENU** button (8).
- ⇒ Press the **↔** or **↵** button (10) until "CLOCKSET" appears in the display.
- ⇒ Press the **>** button (10).

The time is shown in the display. The minutes are blinking, and can be adjusted.

- ⇒ Set the minutes with the **↔** or **↵** button (10).

Having set the minutes

- ⇒ Press the **<** button (10).

The hours blink.

- ⇒ Set the hours with the **↔** or **↵** button (10).
- ⇒ Press the **MENU** button (8) or **OK** (11) twice.

### Choosing 12/24 Hour Clock Mode

- ⇒ Press the **MENU** button (8).
- "MENU" appears in the display.
- ⇒ Press the **↔** or **↵** button (10) until "24H MODE" or "12H MODE" appears in the display.
  - ⇒ Press the **<** or **>** button (10) to switch modes.
  - ⇒ Press the **MENU** button (8) or **OK** (11).

### Display the Time When the Device is Switched Off But the Ignition On

To display the time when the device is switched off and the ignition is switched on

- ⇒ Press the **MENU** button (8).
- "MENU" appears in the display.
- ⇒ Press the **↵** button (10) until "CLK DISP OFF" or "CLK DISP ON" appears in the display.
  - ⇒ Press the **<** or **>** button (10) to switch the display between ON and OFF.
  - ⇒ Press the **MENU** button (8) or **OK** (11).

### Displaying the time briefly when the device is switched off

To display the time briefly when the device is switched off

- ⇒ Press the **⏻ / DIS** button (7).

The time appears in the display for approx. eight seconds.



# ● TONE AND VOLUME CONTROLS

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## **Tone and Volume Controls**

Separate tone and volume adjustments can be made for each audio source (radio, cassette, CD-changer, AUX and traffic announcements).

### **Note:**

- The tone and volume settings for traffic announcements can only be adjusted while such an announcement is being received.

### **Adjusting the Bass**

To adjust the bass

- ⇨ Press the **AUD/LD** button (13).

“BASS” appears in the display.

- ⇨ Press the **↔** or **↵** button (10) to adjust the bass.

When the setting procedure is complete

- ⇨ Press the **AUD/LD** button (13).

### **Adjusting the Treble**

To adjust the treble

- ⇨ Press the **AUD/LD** button (13).

“BASS” appears in the display.

- ⇨ Press the **➤** button (10) until “TREBLE” appears.

- ⇨ Press the **↔** or **↵** button (10) to adjust the treble.

When the setting procedure is complete

- ⇨ Press the **AUD/LD** button (13).

## **Adjusting the Balance**

To adjust the balance

- ⇨ Press the **AUD/LD** button (13).

“BASS” appears in the display.

- ⇨ Press the **➤** button (10) until “BALANCE” appears.

- ⇨ Press the **↔** or **↵** button (10) to adjust the balance.

When the setting procedure is complete

- ⇨ Press the **AUD/LD** button (13).

## **Adjusting the Fader**

To adjust the front/rear volume distribution (fader)

- ⇨ Press the **AUD/LD** button (13).

“BASS” appears in the display.

- ⇨ Press the **➤** button (10) until “FADER” appears.

- ⇨ Press the **↔** or **↵** button (10) to adjust the fader balance.

When the setting procedure is complete

- ⇨ Press the **AUD/LD** button (13).

## Switching Loudness On / Off

Loudness refers to boosting the bass and treble at low volume levels to match the ear's sensitivity.

- ⇒ Press the **AUD/LD** button (13) for about two seconds.

If loudness is switched on, LD shows in the display.

## Setting Loudness Intensity

The loudness boost can be set in steps from one to six.

- ⇒ Press the **MENU** button (8).  
"MENU" appears in the display.
- ⇒ Press the **▲** or **▼** button (10) until "LOUDNESS" appears in the display.
- ⇒ Press the **<** or **>** button (10) to adjust the boost.
- ⇒ Press the **MENU** button (8) or **OK** (11).

## Equalizer

This device has a parametric digital equalizer. In this case, parametric means that in each of the five filters, **one** individual frequency can be emphasised or reduced (with a gain of +8 to -8).

The following filters are available:

- SUB LOW EQ 32 - 50 Hz
- LOW EQ 63 - 250 Hz
- MID EQ 315 - 1,250 Hz
- MID/HIGH EQ 1,600 - 6,300 Hz
- HIGH EQ 8,000 - 12,500 Hz

These filters can be set without using any measuring instruments. You can use them to make a significant difference to the properties of the sound in the vehicle.

## Adjustment Instructions

For the purposes of this adjustment, we recommend you use a cassette you know well, or a CD if a CD changer is connected.

Before making any adjustments to the equalizer, set the tone and volume controls to zero and deactivate loudness. For more information on this, read the section on "Tone and volume controls".

- ⇒ Listen to the cassette or CD.
- ⇒ Assess the sound you hear.
- ⇒ Now consult the "Equalizer Adjustment Guide" table for "Sound Quality".
- ⇒ Adjust the equalizer values as described under "Action".

# EQUALIZER

## Switching the Equalizer On / Off

To switch the equalizer on

- ⇨ Hold down the **DEQ** button (12) until EQ shows in the display and "EQ ON" briefly appears.

To switch the equalizer off

- ⇨ Hold down the **DEQ** button (12) until EQ disappears from the display and "EQ OFF" flashes up.

## Setting the Equalizer

- ⇨ Press the **DEQ** button (12).
- ⇨ Select "DIGITAL EQ" with the **↵** or **⏏** button (10).
- ⇨ Select the filter with the **<** or **>** button (10).
- ⇨ Press the **↵** or **⏏** button (10).

To select the frequency

- ⇨ Press the **>** button (10).
- ⇨ Adjust the level with the **↵** or **⏏** button (10).

To select the next filter

- ⇨ Press first the **OK** button (11) then the **<** or **>** button (10).

When you have completed all the settings

- ⇨ Press the **DEQ** button (12).

## Adjusting the Level Indicator

The level indicator, or spectrometer, on your display gives a symbolic indication of volume, tone control settings and equalizer settings while you make adjustments.

When adjustments are not being made, the spectrometer displays the car radio's output level.

You can choose the spectrometer type via the menu.

Two types are available.

## Selecting spectrometer type

- ⇨ Press the **MENU** button (8).  
"MENU" appears in the display.
- ⇨ Press the **↵** or **⏏** button (10) until "EQ DISPLAY" appears in the display.
- ⇨ Press the **<** or **>** button (10) to select between "SPECTRUM 1", "SPECTRUM 2" or "EQ DISP OFF".
- ⇨ Press the **MENU** button (8) or **OK** (11) twice.

**Equalizer Adjustment Guide**

Start by setting the middle and treble ranges, and finish with the bass.

<b>Sound quality/problem</b>	<b>Action</b>
Bass too quiet	Boost the bass Frequency: 50 to 100 Hz Level: +4 to +6
Bass sounds muddy Booming tone Unpleasant pressure	Reduce lower middle tones Frequency: 125 to 400 Hz Level: approx. -4
Tone lacks depth, is aggressive, no stereo effect.	Reduce middle tones Frequency: 1,000 to 2,500 Hz Level: -4 to -6
Muffled tone Lack of clarity Instruments have no brightness	Boost the treble range Frequency: approx. 12,500 Hz Level: +2 to +4

## External Audio Sources

In addition to the CD-changer, you can also connect another external audio source that has a line output. Such sources include portable CD, MiniDisc or MP3 players.

If no CD changer is installed, two external sources can be connected.

The AUX input must be switched on in the menu.

To connect an external audio source, you need an adapter cable, available from your authorised Blaupunkt dealer.

### Switching AUX Input On / Off

⇒ Press the **MENU** button (8).

“MENU” appears in the display.

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

For the second AUX input, the “1” is replaced by a “2”. If a CD changer is installed, “2” is the only option.

⇒ Press the **<** or **>** button (10) to switch AUX on or off.

⇒ Press the **MENU** button (8) or **OK** (11).

#### **Note:**

- If the AUX input is switched on, it can be selected via the **CD•C** button (15).

## TMC for Dynamic Navigation Systems

TMC means “Traffic Message Channel”. TMC is used to transmit traffic announcements digitally for use in route planning by suitable navigation systems. Your car radio has a TMC output that can be connected to Blaupunkt navigation systems. Your Blaupunkt dealer can tell you which navigation systems can be used with your car radio.

If a navigation system is connected and a TMC station is received, TMC will light up in the display.

If dynamic route guidance is active, a TMC station will be tuned in automatically.

**Technical data****Amplifier**

Output power: 4 x 25 Watt sine wave according to DIN 45 324 at 14.4 V  
4 x 45 Watt max. power

**Tuner**

Wavebands:  
VHF (FM): 87.5 - 108 MHz  
MW: 531 - 1,602 kHz  
LW: 153 - 279 kHz

FM frequency response:  
20 - 16,000 Hz

**Cassette**

Frequency response:  
30 - 18,000 Hz

**Pre-amp out**

4 channels: 4 V

**Input sensitivities**

AUX1 input: 2 V/ 6 k $\Omega$   
AUX2 input: 775 mV/ 10 k $\Omega$   
Tel/Nav input: 10 V/ 560  $\Omega$

**Guarantee**

The extent of the guarantee depends on the statutory conditions applicable in the country where the device was bought.

If there should be a fault in your device, please refer to your dealer, providing proof of purchase.

If the statutory minimum guarantee period in your country is less than 12 months, Blaupunkt provides a 12 month manufacturer's guarantee. Damage caused by wear, incorrect use or use for commercial purposes are excluded from this guarantee.

In order to make a claim on the basis of Blaupunkt's manufacturer's guarantee, please send the faulty device together with proof of purchase to the central Blaupunkt customer service depot in your country.

You can obtain the nearest address from the telephone hotline on the back of this booklet. Blaupunkt reserves the right to carry out a repair or to provide a substitute device.

Subject to technical alterations!