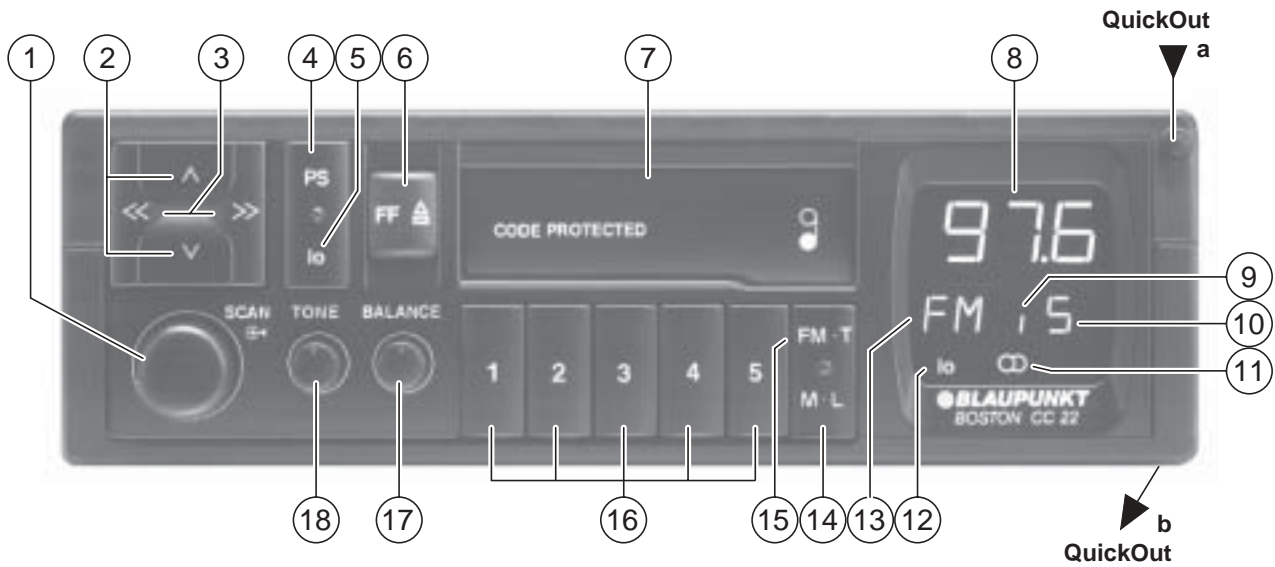


Operation Instructions



Boston CC 22



Short description

① ON/OFF

Switch the set on/off by turning the knob.

If "Cod" appears on the display, read the chapter "Anti-Theft Coding" first.

Volume control:

By turning the knob

SCAN (search operation):

During radio reception, the stations are briefly sampled by pressing the knob for approx. one second.

② \wedge/\vee rocker switch

Radio: Automatical station tuning

Coding: Read first the "Anti-Theft Coding" chapter.

\wedge : Press rocker switch to confirm your code entry.

③ \ll / \gg rocker switch

For fine tuning of the stations

④ PS (Preset Station Scan)

Pressing this button briefly samples all memorized stations of the selected waveband (FM, MW, LW).

⑤ lo

Use this button to alter the sensitivity of the automatic station seek operation.

lo lights up ⑫ - normal sensitivity
no indication - high sensitivity

Additional function:

Switching from stereo to mono:

Press lo longer than 2 seconds.

⑥ Cassette operation button FF - Fast Forward operation

Start/stop: Press FF button briefly.

\blacktriangle Ejection of the tape
Press button firmly.

⑦ Cassette compartment

⑧ Frequency indication

⑨ Indication of FM storage level

⑩ Indication of preset button

⑪ Stereo indication

⑫ lo indication (seek tuning sensitivity)

⑬ Indication of selected waveband (FM, MW, LW)

⑭ M•L (Medium wave - Long wave)

This button is used for selecting either the medium wave (MW) or long wave (LW) frequencies.

Press button again for shifting between MW or LW.

⑮ FM•T (Frequency Modulation)

This button is used for shifting between the different FM storage levels I, II, III and "T" (Travelstore - i.e. storing and calling the five strongest stations of an area).

Storing "T" - Press FM•T until the seek tuning indication starts to be displayed.

Recalling "T" - Press FM•T ⑮ until T ⑨ is indicated on the display. Then briefly press the respective preset button.

- ①⑥ **Preset buttons 1, 2, 3, 4, 5**
Store station - Keep button depressed during radio operation until the station becomes audible again.
Recall station - Briefly press the respective button.
Coding - Read the "Anti-Theft Coding" chapter first.
Buttons 1-4: Use to enter a code number.
Press each of the buttons until the code to be found in the car radio passport is represented on the display.
- ①⑦ **"Balance" knob**
To adjust the volume of the left and right channel.
- ①⑧ **"Tone" knob**
Sound control knob

Contents

Short description	13	Radio Section	18
Important information	16	Selecting the Desired Waveband	18
What you need to know!	16	Tuning in a Station Automatically	18
Traffic safety	16	Manual Tuning	18
QuickOut	16	Adjusting the Station Seek Sensitivity ...	18
Installation/connection	16	Switching from Stereo to Mono	19
Anti-theft coding	16	Memorizing a Station	19
Wrong code number entered	16	Automatically Storing the Strongest Stations	19
Switching the code system on	17	Activating a Stored Station	19
Restart following interruption of power supply	17	Briefly Sampling a Station	20
Switching the code system off	17	Sampling Memorized Stations	20
Amplifier Section	17	Tape Section	20
ON/OFF	17	Inserting the Tape	20
Balance Control	17	Fast Forwarding the Tape	20
Sound Control	17	Removing the Tape	20
		Care Notes	21
		Appendix	21
		Technical Data	21

Important information

What you need to know!

Before starting to use your new car radio you should carefully read through the information on “Traffic safety” and “Anti-theft coding”.

Traffic safety

Traffic safety has always priority. Use your car radio in such a manner that you are always able to cope with and react to the prevailing traffic situation at any given time. Remember, even at 50 km/h you are still moving at a speed of 14 m per seconds. It is also very important that you are able to hear, and react to, acoustic warning signals around you, for example from the police or the firebrigade. Therefore, adjust the volume reasonably.

QuickOut

Using the QuickOut handle you can easily pull your radio out of the installation compartment to take it along. The preset stations remain stored for a longer time.

To take out the radio.

- press knob (a), take the handle (b) and pull the unit out.

To listen to the radio or cassette again,

- insert the set into the compartment until it stops and move the handle back to the front panel.

If the coding system is off, your set will be ready for operation.

If the coding system is on, proceed as described under “Restart following interruption of power supply”.

Installation/connection

The code system can only be switched on and off, if the radio is connected to permanent power.

If you like to install your new car radio by yourself or add other audio components to the existing ones, then please read carefully the enclosed instructions on installation and connection.

Do not connect the loudspeaker outputs to ground!

Only use the accessory and replacement parts approved by Blaupunkt.

Anti-theft coding

The car radio comes standard with the code system deactivated.

If the anti-theft coding system is on while the power supply to the unit is interrupted (e.g. theft, disconnecting the car battery), the set is electronically blocked. Then it may only be used again after the appropriate code number has been entered (see car radio passport).

Wrong code number entered

It should not be possible for thieves to ascertain the code number by trial-and-error. This is why the set will be blocked for a certain period of time, if an incorrect code number is entered. In this case, “- -” will appear in the display.

This waiting time is 10 seconds after the first three attempts, and 1 hour following subsequent attempts.

After 19 unsuccessful attempts, “OFF” will appear in the display and the set can no longer be restarted.

Note:

Keep your car radio passport with the code number in a safe place in order to avoid “unauthorized access” to your car radio.

If the power supply to the radio is interrupted while the code system is switched on, you need to know the right code number.

The radio will operate again as soon as you have entered the right code number.

If you lose your radio passport and have forgotten your code number, you will not be able to restart the set after the power supply has been interrupted. In this case, your radio can only be reset in our central customer service workshop or in one of our service agencies abroad.

Switching the code system on

Precondition:

The radio must be connected to permanent power.

In order to switch the code system on:

- Turn the radio off.
- Hold down the preset buttons **1** and **4** simultaneously.
- Turn the radio on.
“Cod” briefly appears before the radio begins to operate.
- Release preset buttons **1** and **4**.

The code system is on.

“Cod” will be briefly displayed each time the radio is turned on.

Restart following interruption of power supply (Code system switched on)

- Switch on the set.
“Cod” will appear in the display.
- Briefly press preset button **1**, “000” will appear in the display.
- Enter the code number given in the Blaupunkt car radio passport:
Preset button **1** only allows to choose “0” or “1”. The first “0” will not be displayed.
Example: the code number is 0521.
 - Press preset button **1** until “000” appears in the display.
 - Press preset button **2** five times, “500” appears in the display.
 - Press preset button **3** twice, “520” appears in the display.
 - Press preset button **4** once, “521” appears in the display.
- To confirm the code number:
Press the upper part of the rocker switch \wedge .

Your car radio is now ready for operation.

If three dashes appear again in the display, you have entered a wrong code number.

Now it is essential to enter the correct code after the waiting period has elapsed (Cod in the display).

If the radio is turned off before the waiting period has elapsed, then the waiting period restarts as soon as the radio is turned on again.

Switching the code system off

- Turn off the radio.
- Simultaneously press preset buttons **1** and **4** and hold them down.
- Turn the set on.
“Cod” will appear in the display.
- Enter the code number given in the Blaupunkt car radio passport and confirm: See example “Restart following interruption ...”.

The code system is now deactivated.

Amplifier Section

ON/OFF

For switching the set on,

- turn button ① .

Your stereo is now ready for operation.

For switching the set off,

- turn button ① .

Balance Control

Use button ⑰ to **balance** the sound impression of the right and left channel speaker.

Sound Control

Use the TONE button ⑱ to adjust the sound according to your personal preference.

Radio Section

Selecting the Desired Waveband

With your car radio you have free choice from the following wavebands:

FM (ultra-short wave; frequency-modulated), MW (medium wave), and LW (long wave).

Selecting FM

- Briefly press the FM•T rocker switch ⑮.
“FM” lights up on the display ⑬.

Selecting MW or LW

- Briefly press the M•L rocker switch ⑭.
“M” for MW or “L” for LW lights up on the display ⑬.

For changing between MW and LW:

- Press the M•L rocker switch ⑭ once again.

If nothing else is indicated, the following operating notes hold for all wavebands.

Tuning in a Station Automatically

Tuning in the Following Station

- Press the upper part of the rocker switch \wedge/\vee ②.
The car stereo automatically starts searching for the next station.

Tuning in the Previous Station

- Press the lower part of the rocker switch \wedge/\vee ②.
The car radio automatically starts searching for the previous station. If the rocker switch \wedge/\vee ② up/down is kept depressed, the station seek operation continues to be carried out quickly in the corresponding direction.

Manual Tuning

All stations can also be tuned in “manually”:

- Press the rocker switch \ll/\gg ③ on the left or the right. The frequency band is scanned in small steps.

Adjusting the Station Seek Sensitivity

With this set you can modify the station seek sensitivity.

If you want to search for strong stations only (reduced sensitivity):

- Press the lo rocker switch ⑤ until “lo” lights up on the display ⑫.

If you also like to search for weaker stations (increased sensitivity):

- Press the lo rocker switch ⑤ until the “lo” indication ⑫ goes off.

With this set it is possible to increase or reduce the seek tuning sensitivity level, which can be of major help in case of either very good or only poor reception conditions. For this, press the lo rocker switch (5) for approximately 8 seconds. The display will either briefly give you the “H” (High) or “L” (Low) indication. Change the seek tuning sensitivity by pressing the lo rocker switch (5) for more than 8 seconds.

Switching from Stereo to Mono

For switching from stereo to mono:

- Press the lo rocker switch (5) for more than two seconds.

For stereo reproduction, the stereo sign (11) will light up on the display (11).

When switching the unit on, stereo sound reproduction is adjusted.

When the signal strength gets poor, the set will automatically switch to mono.

Memorizing a Station

You can memorize a station with each of the preset buttons (16).

For FM, each preset button (16) can be allocated four times, i.e. four stations can be stored on one button.

The display (9) shows you the corresponding assignments (I, II, III stand for first, second, and third allocation; T stands for Travelstore (for Travelstore information see the following chapter)).

For changing the storage level:

- Press the FM•T rocker switch (15).

For storing a station:

- select the storage level (FM only). For this, press the FM•T rocker switch (15) until display (9) either gives you I, II, III or T.
- Tune in the station (see chapter Automatic/Manual Tuning of Stations)
- Press the desired preset button (16) until the broadcast becomes audible again (approx. 2 seconds). From display (10) you can see which button is currently pressed.

Now the station is stored.

Note:

When tuning in an already stored station, display (10) will show the corresponding preset button for approx. five seconds. In addition, for FM, display (9) will also give you the storage level.

Automatically Storing the Strongest Stations (Travelstore)

With Travelstore, you have the opportunity to automatically store the next five FM stations of your local reception area and have them sorted according to their frequencies. This feature is of special use while travelling.

- Press the FM•T rocker switch (15) for at least two seconds.

The set searches for the next FM stations and sorts them on the “T” (Travelstore) storage level. Once the process is finished, the car radio tunes in to the first station.

If required, it is also possible to manually store a station on the Travelstore level. If less than five stations can be received, the free buttons are represented by dashes for a short period of time.

Activating a Stored Station

If required, the memorized stations can be activated at a keystroke.

- Choose the storage level (only FM). For this, press the FM•T rocker switch (15) until display (9) shows I, II or III, or T.
- Briefly press the corresponding preset button (16).

Briefly Sampling a Station (Radio Scan)

Starting with the currently tuned in station, you can have the following ones briefly sampled for approx. eight seconds each.

- Briefly press the Scan knob (1).
If the following station is found, it is reproduced for approximately eight seconds. The station's frequency starts blinking on display (8); if it has already been memorized, the corresponding preset button starts blinking on display (10). In addition, for FM stations, the storage level indicator lights up on display (9). Subsequently, the set starts searching for the next station.

For selecting a sampled station:

- Press the Scan knob (1) once again.
The Scan function is off.

After the search operation has been concluded, and no station has been chosen, the radio starts playing the station from which Station Scan was started before.

Sampling Memorized Stations

All memorized stations of a waveband can be briefly sampled.

- Press the PS rocker switch (4).
One after another, the car radio will then start introducing all memorized stations of the selected waveband.
For FM, either the stations of storage levels I - III or of the Travelstore level "T" are sampled. This depends on the current switching status.
If a preset button has no station allocated, this button is skipped.

To terminate this function:

- Press the PS rocker switch (4) once again.
The station currently sampled is maintained.

Tape Section

Inserting a Tape

If you want to listen to a tape:

- Switch on the set.
- Insert the cassette into the slot with the tape side showing to the right and the **empty reel to the front**.

Fast Forwarding the Tape

Fast Forward Operation


- Briefly press the FF button (6).

Stopping Fast Forward Operation

- Briefly press the FF button (6).

Removing the Tape

To stop tape play:

- Press the  button (6) firmly.
The cassette is ejected.

Appendix

Care Notes

We recommend C-60 and C-90 type tapes for use in any automobile tape player; to protect your tapes, store them in a cool place away from dirt, dust, or excessive temperatures above 50° Celsius. In order to ensure smooth tape operation, cold tapes should be allowed to heat up a bit before they are played. If dust collects on the audio head or the rubber roller, problems related to rough tape operation or poor sound quality may occur after approx. 100 hours of operation. For normal contamination, use a head-cleaning cassette to remove the dust; for more intensive contamination, use a cotton-wool tip soaked with alcohol. Never use hard tools!

Technical Data

Amplifier:

Output power: 2 x 10 W watts RMS
acc. to DIN 45324/3.1
2 Ω

FM:

Sensitivity: 0.9 μ V at 26 dB
signal-to-noise ratio
Frequency
response: 35 - 16 000 Hz (-3 dB)

Tape Section:

Frequency
response: 30 - 14 000 Hz (-3 dB)

Subject to modifications!

Blaupunkt-Werke GmbH
Bosch Gruppe

K7/VKD 3 D92 147 027