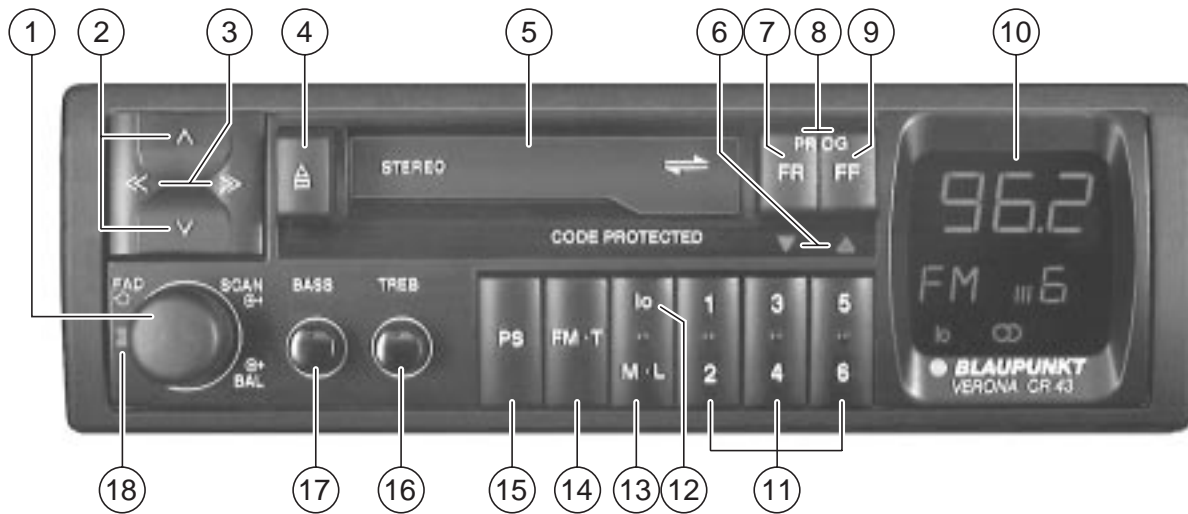


## Operation Instructions



## Verona CR 43



# Front Panel 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.

### Balance:

Pull knob and adjust left/right volume by turning the knob.

## 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 $\blacktriangle$ Ejection of the tape

Press button firmly.

## ⑤ Cassette compartment

## ⑥ Track indication

$\blacktriangledown$  - side A or 1 is played

$\blacktriangle$  - side B or 2 is played (reverse operation)

## ⑦ FR button (Fast Rewind)

Fast rewind of the tape.

Deactivate: press button FF.

## ⑧ PROG (Autoreverse)

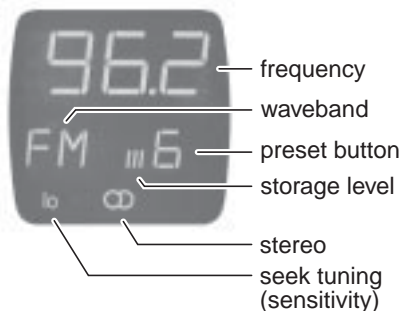
For shifting to the other side of the tape - press both buttons.

## ⑨ FF button (Fast Forward)

Fast forward of the tape

Deactivate: press button FR.

## ⑩ Display for



## ⑪ Preset buttons 1, 2, 3, 4, 5, 6

**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 four-digit code number.

Press each of the buttons until the four-digit code to be found in the car radio passport is represented on the display.

## ⑫ lo rocker switch

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

lo lights up on the display - normal sensitivity

lo does not light up - high sensitivity

Additional function of the lo rocker switch:

### Switching from stereo to mono:

Press longer than 2 seconds.

⑬ **M•L** rocker switch (**M**edium wave - **L**ong wave)  
Use this rocker switch to select either medium wave (MW) or long wave (LW) frequencies. To switch between these wavebands simply press the rocker switch again.

⑭ **FM•T** button (**F**requency **M**odulation)  
This button is used for shifting between the different FM storage levels I, II, III and T (**T**ravelstore - i.e. storing and calling the six strongest stations of an area).

**Storing** “T” - Press the FM •T button until the seek tuning indication starts to be displayed.

**Recalling** “T” - Press the FM•T button ⑮ until T is indicated on the display.

Then briefly press the respective preset button. “Balance” knob

To adjust the volume of the left and right channel

⑮ **PS** rocker switch (**P**reset **S**tation **S**can)  
Pressing this button briefly samples all memorized stations of the selected waveband (FM, MW, LW or TS).

⑯ **TREB** (Treble)  
to adjust trebles.

⑰ **BASS**  
to adjust basses.

⑱ **FAD (Fader)**  
(front/rear volume):  
adjust using the lever.

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# Important Notes

## What You Should Read By All Means!

Before starting to use your new car radio, you should carefully read through the safety notes and the information about “Anti-Theft Coding”.

## Safety Notes

### Road Safety

Being the driver of a motor vehicle you should dedicate your full attention to the traffic around you. Therefore always use your car stereo such that you are able to cope with the present traffic situation in any moment.

In difficult driving situations you should turn your set off. Please take into account that at a speed of 50 km/h you are almost covering a distance of 14 m per second!

When adjusting the volume, always make sure that acoustic signals from the outside can still be heard in order to be able to react to alert signals just as it is required by the present situation.

# Anti-Theft Coding

Your radio is protected against theft by an anti-theft coding system. If, once the unit has been encoded, the power is disconnected from the set (e.g. theft, disconnection of the car battery or prior to installation), the set is electronically blocked. It may only be used again after the appropriate code number has been entered (see car radio pass). Hence, a coded set is of no use to a potential thief.

## 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 is blocked for a certain period of time if an incorrect code number is entered. “---” would then appear in the display <sup>(10)</sup>. This time period is 10 seconds following the first three attempts, and is increased to 1 hour following subsequent attempts.

After 19 unsuccessful attempts “OFF” will appear in the display <sup>(10)</sup> and the set can no longer be started.

### Note:

Keep your car radio pass, which contains the code number, in a safe place in order to avoid “unauthorized access” to your car radio. If you lose your radio pass and have forgotten your code number you will not be able to restart the set after the power supply has been interrupted. The only way to make the set operable again is by sending the radio to

our central customer service workshop or to one of our dealers in your vicinity.

## First-time Operation and Restart Following Interruption of Power Supply

- Switch on set.  
“Cod” will appear in the display <sup>(10)</sup>.
- Briefly press preset button 1 <sup>(11)</sup>, “000” will appear in the display <sup>(10)</sup>.
- Enter the code number from the Blaupunkt car radio pass:  
Example: Code number is 1521
- - press preset button 1 <sup>(11)</sup> once,  
“1000” appears in the display <sup>(10)</sup>,
- press preset button 2 <sup>(11)</sup> 5 times,  
“1500” appears in the display <sup>(10)</sup>,
- press preset button 3 <sup>(11)</sup> 2 times,  
“1520” appears in the display <sup>(10)</sup>,
- press preset button 4 <sup>(11)</sup> once,  
“1521” appears in the display <sup>(10)</sup>.
- Confirm code number:  
Press upper part of rocker switch  $\wedge/\vee$  <sup>(2)</sup>.

### Note:

Using preset button 1 the set can only be adjusted to “1” or “0”. “0” is not indicated in the display.

If you have entered and confirmed an incorrect code number, “---” will initially appear in the display <sup>(10)</sup> and then, after a certain time

period, “000”. Following this, it is essential that you enter the correct code number.

### Switching Code System Off

If you wish to switch the anti-theft code system off:

- turn off the radio,
- simultaneously press, and hold, preset buttons 1 and 4 (11)
- turn the set back on. “Cod” will then appear in the display (10).
- release the preset buttons 1 and 4 (11). “000” then appears in the display (10).
- Enter the code number that is in the Blaupunkt car radio pass and confirm: See example “First-time operation ...”.

The anti-theft coding system has now been deactivated.

### Switching the Code System Back On If you wish to re-activate the anti-theft code system:

- turn the radio off,
- simultaneously press, and keep depressed, preset buttons 1 and 4 (11),
- turn the set back on. “Cod” briefly appears in the display (10) and then the set is switched on.

The anti-theft code system is now activated. Now whenever the set is turned on, “CODE” will appear briefly in the display (10).

### Optical indication of theft protection

As optical warning of the encoded car radio, the LED ▼ (6) flashes when the ignition is switched off, provided the car radio has been connected correspondingly.

For this, please see the corresponding installation instructions.

## 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) ↶.

### Volume control

- turn button (1).

### Balance Control

Use button (1) to **balance** the sound impression of the right and left channel speaker.

- Pull (lock in) button and turn.

After the adjustment

- slightly press button.

### Fader control

If four loudspeaker are connected, the front/rear sound impression of the loudspeakers (fader) can also be modified using lever (18).

### Adjusting trebles

- turn button (16).

### Adjusting basses

- turn button (17).

# Radio Section

## Selection of the Desired Waveband

This radio allows you to choose between the FM, MW and LW wavebands.

### FM Selection

- Briefly press the FM•T rocker switch (14). “FM” is displayed in the display (for Frequency Modulation).

### MW or LW Selection

- Briefly press the M•L rocker switch (13). An “M” (for MW), or an “L” (for LW) will then appear in the display.

If you wish to switch between MW and LW:

- press the M•L rocker switch (13) again. The following instructions apply for all wavebands, as long as not otherwise indicated.

## Automatic Station Tuning

### Tuning of Subsequent Station

- Press rocker switch  $\wedge/\vee$  (2) up. The radio will automatically seek the next station.

### Tuning of Previous Station

- Press rocker switch  $\wedge/\vee$  (2) down. The radio will automatically seek the previous station.

If the rocker switch  $\wedge/\vee$  (2) is held down/up, the seek operation continues to be carried out quickly in the corresponding direction.

## Manual Tuning

It is also possible to tune in stations “by hand” with this radio:

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

## Adjusting the Station Seek Sensitivity

You may also modify the sensitivity of the automatic station seek operation.

For this:

- press lo rocker switch (12).  
If “lo” is indicated, only stations with good reception conditions are captured (lower sensitivity).  
If “lo” is not indicated, stations with a weaker reception are also captured (higher sensitivity).

## Adjusting the local mode sensitivity

In regions with extremely high station density, e.g. in Italy, the set allows you to switch over the station seek sensitivity for the local mode from “High” (adjusted ex works) to “Low”. “Low” means that station seek tuning only captures the most powerful stations.

For modifying the local mode:

- press button lo (12) longer than 8 secs. The display (10) shows “L” for “Low”.

By pressing button lo (12) again longer than 8 secs., the set switches back to “High” (display (10) “H”).

When switching off the unit or when removing the set with the QuickOut handle the set remains in the last activated mode.

## Switching between Stereo and Mono

If you wish to switch between stereo and mono:

- keep the lo button (12) pressed for longer than 2 seconds. The stereo symbol  $\odot$  will appear in the display (10) if the stereo mode is activated. The stereo function is activated automatically when you turn your set on. The set will automatically switch to mono if reception is poor.



## Storing a Station

You can store one MW and LW station and 4 FM stations on each of the preset buttons (11). The display will show you the selected waveband (FM, MW or LW) and preset button. On FM, the display will also give you the chosen storage level (I, II, III or T).

If you wish to change from one storage level to another:

- press the FM•T button (14).

If you wish to store a station:

- (for FM only) select the storage level. To achieve this, press the FM•T button (14) until I, II, III or T appears in the display (10).
- tune in the station (see chapter Station Tuning).
- press the desired preset button (11) until the radio resumes play (approx. 2 seconds).

The display (10) indicates which preset button has been pressed.

The station has now been stored.

### Note:

When tuning in an already stored station, the display (10) will show the corresponding preset button for approx. five seconds and the respective storage level.

## Automatically Storing the Strongest Stations

### (Travelstore)

With Travelstore, you have the opportunity to automatically store the six most powerful 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 (14) 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. For this, press FM•T (14) until the display (10) shows I, II or III, or T.
- Briefly press the required preset button (11).

## 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.

- Press the knob (1) for approx. 1 sec. If the following station is found, it is reproduced for approximately eight seconds. The station's frequency starts blinking on display (10); if it has already been memorized, the corresponding preset button and the storage level indicator starts blinking on display (10). Subsequently, the set starts searching for the next station.

For selecting a sampled station:

- Press the 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 (15).

One after another, the car radio will then start introducing all memorized stations of the selected waveband.

The set either samples the stations of storage levels I-III or of the Travelstore level "T". 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 (15) once again.

The station currently sampled is maintained.

## Tape Section

### Inserting the Tape

If you wish to play a cassette tape:

- switch the set on
- gently insert the cassette with side 1 upwards.

The tape will then be played in the direction it was last played.

Track indication (6) indicates which side is played.

▼ - side A or 1 is played.

▲ - side B or 2 is played (reverse operation).

### Removing the Tape

If you wish to remove the tape:

- press the ▲ button (4). The tape is then ejected.

### Fast Forwarding/Rewinding of the Tape

#### Fast Forward

- Press the FF (Fast Forward) button (9).  
At the end of the tape the set will switch to the other side and resume playing the tape.

#### Stopping the Fast Forward Operation

- Press the FR button (7).

#### Fast Rewind

- Press the FR (Fast Rewind) button (7).  
Once the tape has been completely rewound, the set begins playing the tape.

#### Stopping the Fast Rewind Operation

- Press the FF button (9).

### Autoreverse

If, while a tape is playing, you wish to switch to the other side of that tape:

- press the FF and FR buttons simultaneously.

At the end of the tape the set will automatically switch to the other side of the tape.

#### Note:

When playing stiff tapes it is also possible to manually switch to the other side of the tape. If this is the case, check the tape wound up to that point; fast forwarding or rewinding often helps in such cases.

# 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: 4 x 4.5 W watts RMS  
acc. to DIN 45324/3.1  
4  $\Omega$

### FM:

Sensitivity: 0.9  $\mu$ V at 26 dB  
signal-to-noise ratio

Frequency  
response: 35 - 15 000 Hz (-3 dB)

### Tape Section:

Frequency  
response: 31.5 - 16 000 Hz (-3 dB)

**Blaupunkt-Werke GmbH**  
**Bosch Telecom**

MC/VKD-Hi 3 D92 147 061

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