

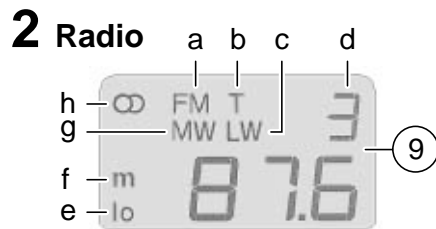
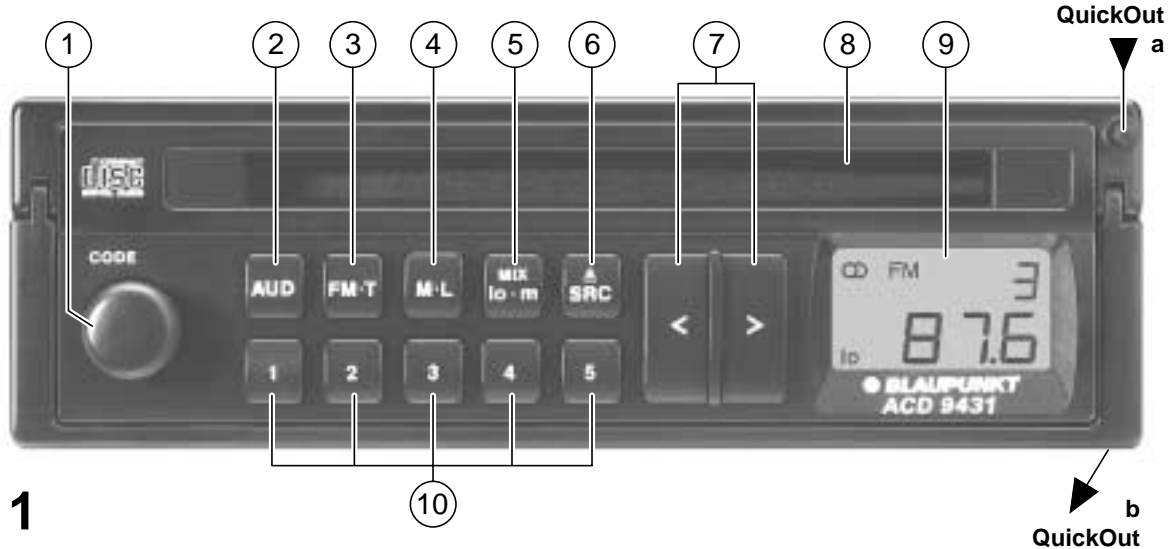


**● BLAUPUNKT**

## Operation Instructions



**ACD 9431**



# Front Panel Description

- ① **ON/OFF**  
Switch on the set by turning knob ①.
- ② **AUD** button (sound control/broader interior sound impression)  
BAS – Adjustment of the low frequencies via buttons < > ⑦.  
TRE – Adjustment of the high frequencies via buttons < > ⑦.  
BAL – Adjustment of the left/right volume via buttons < > ⑦.  
FAD – Adjustment of the front/rear volume via buttons < > ⑦.
- ③ **FM•T** button (**F**requency **M**odulation)  
FM button  
This button is used for shifting between the different individual FM storage levels and T (Travelstore).
- ④ **M•L** button (**M**edium wave - **L**ong wave)  
Use this button to select either the medium wave (MW) or long wave (LW) frequencies.  
Press button again to shift between MW and LW.
- ⑤ **MIX•lo•m** button  
**CD:**  
Use this button to play the CD titles in an arbitrary order.  
**Radio:**  
Button to shift between the normal and high-sensitivity manual station seek mode, and mono switch.
- ⑥ **▲ • SRC** button (**S**ource)  
To shift between the individual audio sources, e.g. CD ♦ Radio ♦ CD.  
By pressing the ▲ • SRC button ⑥ for more than than 3 seconds, the CD is ejected.
- ⑦ **< >** rocker switch  
**Radio:**  
Automatic station selection  
**CD:**  
Skipping to next/previous title.  
Pressing the rocker switch < > longer than 1 sec. activates fast forward (cue) or fast reverse (review).
- ⑧ **CD slot**  
Insert the CD with the label side showing to the top.
- ⑨ **Display**
- ⑩ **Preset buttons**  
**Storing a station:**  
Keep button depressed during radio operation until the station becomes audible again.  
**Recalling a station:**  
Press button briefly.

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# 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.

## Anti-theft coding

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.

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

To switch on the set:

- Turn button  $\textcircled{1}$  clockwise.

To switch off the set:

- Turn button  $\textcircled{1}$  counterclockwise.

## Bass and Treble Control

### Bass Control

To adjust the low frequencies:

- Press the AUD button  $\textcircled{2}$ .  
Display  $\textcircled{9}$  gives you **bas** plus a number between -7 and +7.
- Press rocker switch  $< >$   $\textcircled{7}$  on the right to boost the bass frequencies or on the left for bass reduction. The number on the display  $\textcircled{9}$  changes between -7 and +7.

### Treble Control

To adjust the high frequencies:

- Press the AUD button  $\textcircled{2}$  until **tre** and a number between -7 and +7 appears on the display.
- Press rocker switch  $< >$   $\textcircled{7}$  on the right to boost the high frequencies or on the left for treble reduction. The number on display  $\textcircled{9}$  changes between -7 and +7.

# Radio Section

## Balance and Fader Control

### Balance control

To balance the sound level left/right:

- Press the AUD button (2) until **bal** is shown on the display.  
Press rocker switch < > (7) on the left or right to adjust the sound impression according to your personal preferences. Display (9) gives you a number between -9 and +9.

### Fader control

To balance the front/rear sound level:

- Press the AUD button (2) until **fad** is shown on the display.  
Press rocker switch < > (7) on the left or right to adjust the sound impression according to your personal preferences. Display (9) gives you a number between -9 and +9.

### Note:

If the rocker switch < > is kept depressed (on the left or right), the set quickly advances to the final values (+7/+9 or -7/-9) or to the "0" position.

## Selecting the Desired Waveband

With this set you have free choice from the following wavebands:

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

### Selecting FM

- Press the FM•T button (3) briefly. "FM" lights up on display (9) a.

### Selecting MW or LW

- Press the M•L button (4) briefly. Either "MW" (for medium wave frequencies) or "LW" (for long wave frequencies) lights up on display (9) g, c.

For changing between MW and LW:

- Press the M•L button (4) once again.

## Tuning in a Station Automatically

### Tuning in the following station

- Press the < > rocker switch (7) on the right. The car stereo automatically starts searching for the next station.

### Tuning in the previous station

- Press the < > rocker switch (7) on the left. The car stereo automatically starts searching for the previous station.

If the < > rocker switch (7) is kept depressed on the right or the left, the station seek operation continues to be carried out quickly in the corresponding direction.

## Manual Tuning

To manually tune in a station,

- press the lo•m button (5) until "m" lights up on display (9) f.

You can now manually search for the desired stations via the < > buttons (7).

## Adjusting the Station Seek Sensitivity

With this set you can modify the automatic station seek sensitivity in all wavebands.

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

- Press the lo button (5) until "lo" lights up on display (9) e.

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

- Press the lo button (5) once again; the "lo" indication on display (9) e goes out.

## CD Section

### Mono/Stereo Operation

If the lo•m button (5) is pressed longer than 2 secs. but less than 8 secs., the set switches over to mono and the stereo symbol (h) goes off.

If the lo•m button (5) is pressed longer than 2 secs. but less than 8 secs., the set switches over to stereo and das Stereo-Symbol (h) erscheint wieder im Display.

When the car radio is switched on it is always in stereo mode.

### Memorizing a Station

With each of the preset buttons (10) you can memorize one MW, one LW, and two FM stations. Display (9) a, b either indicates the FM storage level ("FM") or the Travelstore level ("T").

To memorize a station:

Tune in the desired broadcaster (see chapter Tuning in a Station Automatically/Manual Tuning) first. Now press one of the preset buttons (10) until the radio resumes play (approx. 2 seconds). The station is now stored.

#### Note:

If you tune to an FM station already stored on the storing levels FM or Travelstore, the corresponding storing level and the preset button will flash in the display.

### Automatically Storing the Strongest Stations

#### (Travelstore)

With Travelstore, you have the opportunity to automatically store the 5 strongest FM stations of your respective area and have them sorted according to their signal strength. The strongest station is then stored on preset button 1, the second strongest on preset button 2, etc. This feature is of special use while travelling.

- Press the FM•T button (3) for at least two seconds.

The set searches for the strongest FM stations and memorizes them on the "T" storage level (Travelstore). Once the process is finished, the car radio automatically tunes in to the strongest station.

If required, it is also possible to manually store a station on the Travelstore level. If less than 5 stations can be received, the free buttons are briefly represented by dashes.

### Activating a Stored Station

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

- For this, choose the FM or T storage level and briefly
- press the respective preset button (10).

### Inserting the Disk

With this set you can play the normal standard CDs without having to use an adapter:

- Switch the set on.
- Insert the CD (label side up) without applying force.

The disk is **automatically** pulled into the unit to reach the playing position. Once it has been fed in, reproduction starts.

### Ejecting the Disk

- To eject the disk, keep the ▲ • SRC button (6) depressed for at least 2 seconds.

Never block or support the CD mechanism in any way, since this would damage the set.

### Title Selection/Cueing and Re-viewing

After the CD has been inserted into the set, „Cd“ lights up on display (9). The display indication (9) i changes to "T1" (Track 1) after approx. 5 seconds. You can skip or repeat titles by using the < > buttons (7).

#### Cue (Fast forward):

- Keep depressed the right side of the rocker switch < > (7) for more than than 1 second.



## Programming with DSC

### Review (Fast backward):

- Keep depressed the left side of the rocker switch < > (7) for more than than 1 second.

### Mix Function

Press the Mix button (5) to listen to the titles in an arbitrary order.

When Mix is on, the "Mix" indication lights up on display (9) j.

### Changing the Audio Source with SRC

You can shift between the connected audio sources in the order CD ♦ Radio ♦ CD. To switch over to another audio source during CD operation,

- press the SRC button (6).

The set changes to radio operation.

The car radio's DSC function (Direct Software Control) allows you to individually adjust the seek tuning sensitivity for FM and AM.

### Adjusting the seek tuning sensitivity:

- Press the lo•m (5) button longer than 8 secs. The display gives you "lo" and a number between 1 and 3.
- Adjust the sensitivity using the rocker switch < > (7).  
1  $\triangle$  high sensitivity  
3  $\triangle$  normal sensitivity

To store the adjustment,

- press th lo•m button once again.

## Appendix

### Technical Data

#### Amplifier:

Output power: 4 x 8 watts acc. to DIN 45324/3.1

#### FM:

Frequency response: 50 - 16 000 Hz (-3dB)

#### CD:

Frequency response: 20 - 20 000 Hz (-3 dB)

#### Preamp-Out:

Output impedance  
150  $\Omega$

### What to Do If Your Car Stereo Needs Service?

Whenever your car radio fails to operate properly and therefore requiring repair by an authorized service centre, please do not forget to take the car radio passport along with you.

Modifications reserved!

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