

● **BLAUPUNKT**

CAR RADIO OSAKA 110



Enjoy it.

CAUTIONS

Safety Notes

This car radio has been produced in accordance with established safety guidelines. Nonetheless, potential hazards may arise if the safety instructions outlined in this manual are not followed. The purpose of this manual is to acquaint users with the essential functions of the car radio. Please read it thoroughly before using the car radio and keep it in a readily accessible location. Furthermore, adhere to the instructions provided for any devices used in conjunction with this car radio.

Road Safety

Always adhere to the following guidelines for road safety:

- The car radio should be used in a manner that prioritizes the safety of the user while driving the vehicle. It is advisable for the user to park in an appropriate location when operating the car radio. While driving, it is not recommended for the user to engage in distracting activities, such as streaming media.
- For radios equipped with navigation features, users are advised to follow the suggested driving routes only if they do not violate any traffic regulations. Local traffic signs and regulations always take precedence over the proposed routes.
- The user is recommended to maintain the car radio volume at a moderate level to protect their ears and enhance the ability to hear any emergency warning signals, such as police and ambulance sirens. It is advised not to increase the car radio volume while it is muted, as it may not be audible. The car radio volume can become excessively loud when unmuted.

General Safety Notes

Always adhere to the following guidelines to ensure protection against injuries:

- This car radio is designed for installation and operation in a vehicle with a 12V system outage. Therefore, the radio unit must be installed in a DIN slot. Please adhere to the output limits of the car radio and avoid dismantling or modifying it. If installation or repairs are required, they should be carried out by a specialist. We disclaim liability for any loss or damage arising from unauthorized disassembly or modification of the product.
- Driving on rough roads for an extended period or using damaged discs can harm the core components of this car radio.
- Avoid using the car radio in extreme temperature conditions (either extremely high or extremely low); ensure the car's interior temperature is within the range of -10°C to 60°C before connecting the car radio to the power supply.
- For any issues, please refer the "Trouble shooting" section. If the problem persists, press the Reset button to restore factory settings. If further assistance is needed, please contact the respective installer or seller directly for help.
- Due to differences in SD/USB file formats, codecs, bitrate, resolution, and other parameters available in the market, this car radio is limited to playing specific selected media file formats.
- Different cars may have different configurations. It is common for certain CAN-Bus functions cannot be enabled because it is not supported by the user's car.

CAUTIONS

- Solvents, cleaning agents, scouring products, as well as dashboard spray and plastics care items may contain substance that can harm the surface and screen of the car radio. To clean the car radio surface and screen, use only a dry or slightly moistened cloth.

Disclaimer

- Under no circumstances shall Blaupunkt be held liable for any direct, indirect punitive, incidental, or special consequential damages, whether related to property or life, arising out of or connected with the use or misuse of our products, including but not limited to issues of improper storage.
- US & Canada: This product is not intended for sale in the United States and Canada. If acquired in the U.S or Canada, it is obtained on an "as-is" basis. No warranty, whether express or implied, is provided in the U.S and Canada.

Disposal Notes



Do not dispose of your old unit in the household trash!

Use the return and collection system available to properly dispose of the old device.

Scope of Delivery

- Car Radio
- Operating / Installation instructions
- Connecting cable
- Release keys

This manual may be updated from time to time without any notice.

Visit www.blaupunkt.com for more information.

Radios with Detachable Panel - Damage to the control panel

- Never drop the control panel.
- Transport the control panel so that it is protected against impacts and the contacts cannot become dirty.
- Do not expose the control panel to direct sunlight or another heat source.
- Avoid direct skin contact.

KEY FUNCTION



1. MODE/ Button

- Press to change the source during use : Radio, USB (if connected), AUX-In, Bluetooth
- Phone (BT) Mode : Press to answer call

2. MUTE/ Button

- Press and hold to turn on and to turn off
- Press for mute
- Phone (BT) Mode : Press to decline or end call

3. Volume Knob

- Turn knob left/right to increase / decrease volume

4. Microphone

5. Button

- Radio Mode : Press to decrease radio frequency automatically or press and hold to decrease radio frequency manually
- Playback Mode : Press to return to previous song. Press to skip to previous track/chapter. Press & hold to fast backward reverse track

6. MicroSD Slot

7. USB (1) Slot

- For Media only

8. Type-C Slot

9. USB (2) Slot

- For charging only

10. AUX port

- 3.5mm external audio input

11. "6+10" Button

- Radio Mode : Use digit to select radio station or press and hold to save the station.
- Playback Mode : Press to skip to next 10th song or press and hold to skip to next folder

12. "5-10" Button

- Radio Mode : Use digit to select radio station or press and hold to save the station.
- Playback Mode : Press to skip to next 10th song or press and hold to skip to previous folder

13. "4 RDM" Button

- Radio Mode : Use digit to select radio station or press and hold to save the station
- Playback Mode : Press to turn on or off shuffle play

14. "3 RPT" Button

- Radio Mode : Use digit to select radio station or press and hold to save the station.
- Playback Mode : Press to repeat 1/All

15. "2 INT" Button

- Radio Mode : Use digit to select radio station or press and hold to save the station.
- Playback Mode : Press to play the first 10sec of each track.

16. "1|I" Button

- Radio Mode : Use digit to select radio station or press and hold to save the station
- Playback Mode : Press to Play/Pause

17. CLK Button

- Press to view or press and hold to adjust time setting.

18. ►► Button

- Radio Mode : Press to increase radio frequency automatically or press and hold to increase radio frequency manually
- Playback Mode : Press to skip to last song. Press to skip to next track/ chapter. Press & hold to fast forward current track

19. Reset**20. BAND/AMS Button**

- Press to switch between radio band FM1-FM2-FM3. Press and hold to automatic search channel for storage

BT**Pre-pair Bluetooth**

- Ensure mobile phone supports Bluetooth function before pairing. Different mobile phone will have different emissive power. To get the best connection,
- the recommended distance range is 3m without any object obstruction.

Pairing

- Turn on mobile phone's Bluetooth to set up. (Please refer to the instruction manual of the mobile phone on how to operate Bluetooth)
- "OSAKA 110" should appear on your available BT scanning list.
- Select "OSAKA 110". Pairing successful when phone's Paired Device list appear as "Connected" under Osaka 110.

General

Power supply.....	12VDC
Current Consumption.....	8mA
Max. power output.....	4 x 25W
Dimension (WxDxH).....	18.7x5.8x13.5mm
Weight.....	0.32kg
Operation temperature	-20° ~ 60°

FM Stereo Radio

Frequency range.....	87.5 - 108MHz
Preset memory stations.....	18
Sensitivity.....	<20dB
Stereo separation.....	>25dB
SNR.....	>60dB

Audio Specification

Frequency response.....	20Hz - 20kHz
Speaker impedance.....	4 ohms

Playback

USB/SD.....	MP3, WMA
Display.....	ID3 display
Distortion.....	<0.3%
SNR.....	>60dB

BT

Profile.....	A2DP
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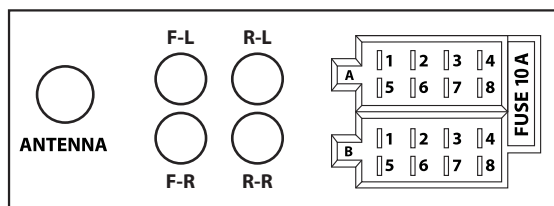
Aux-In.....	3.5mm jack
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TROUBLESHOOTING

If any of the following problem occur, please resort to Troubleshooting for the possible solutions. Consult Blaupunkt authorized dealer if problem persist.

Problems	Possible Causes	Solutions
Unable to start up	Most common issue is either in the wiring or the fuse.	Most common issue is either in the wiring or the fuse.
	Speaker's cables not connected.	Ensure that the car-specific cable harness you are using is designed for your specific car model.
	Power Cable is not inserted into the main body.	Insert the power cable the main body.
	Burnt power fuse .	Replace with a new fuse.
	Drained car battery.	Charge or replace the car battery.
No sound	Audio cables are not properly connected to the unit.	Ensure proper connection of the audio cables.
	Mute setting is on.	Unmute the volume.
	Low volume.	Adjust the volume
	No sound from front, rear, left & right speakers due to Fade-Balance settings.	Select Equalizer from Home Page to adjust setting.
Slow in SD card reading	SD card may contain corrupted files or virus.	Replace it with a new audio SD card with compatible file formats.
Unable to search radio stations	Radio's antenna is not well inserted.	Ensure radio antenna is properly installed.

WIRING DIAGRAM



No.	WIRE	A
1	REAR RIGHT +	
2	FRONT RIGHT +	
3	FRONT LEFT +	
4	REAR LEFT +	
5	REAR RIGHT -	
6	FRONT RIGHT -	
7	FRONT LEFT -	
8	REAR LEFT -	

No.	WIRE	B
1	-	-
2	-	-
3	BLUE	ANT
4	RED	ACC
5	-	-
6	YELLOW	B+
7	-	-
8	BLACK	GND

INSTALLATION INSTRUCTION

SAFETY

- Assign a mounting location that will not obstruct driver in any circumstances. Or cause injuries to drivers and passengers in case emergency brake or accidents.
- Ensure all wires are connected properly, and that the unit is functioning well before fitting the unit into the mount.
- Any unauthorized installation and modification may cause malfunction to the unit. Always use the parts that are included with the units only.

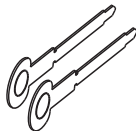
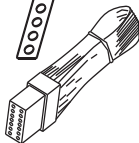
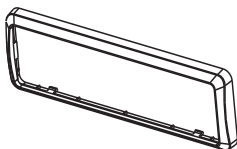
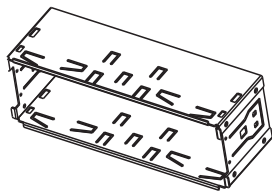
CAUTION

- Disconnect the negative terminal of the battery (Refer to vehicle manufacturer's safety instructions). Be wary to not damage vehicle components when drilling holes.
- Make sure you do not damage vehicle components when drilling any holes.
- The cross sections of the positive and negative cables must not be less than 1.5 mm².
- Do not connect the vehicle's plug connectors to the radio!
- Your vehicle may differ from the description provided here. Blaupunkt is not liable in case any damage caused by incorrect installation or connection.
- Please contact Blaupunkt dealers or vehicle's manufacturer if information provided here does not fit your specific installation requirement.

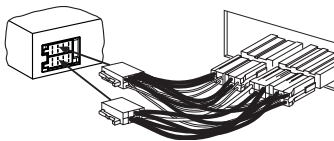
When installing amplifier, first connect the device ground connections before connecting the plugs for the line-out jacks.

Ground connection of external devices may not be connected to ground of car sound system (housing).

Supplied mounting hardware

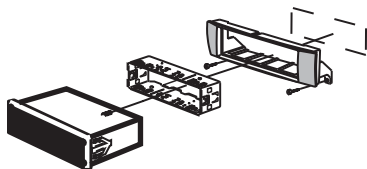


Optional accessories

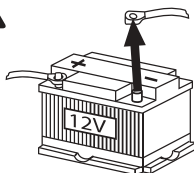


INSTALLATION INSTRUCTION

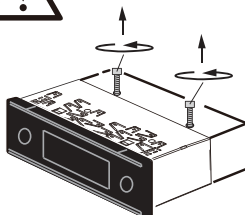
Installation kit



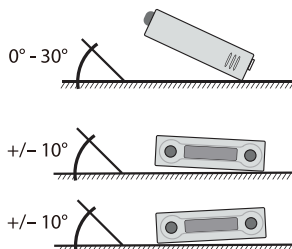
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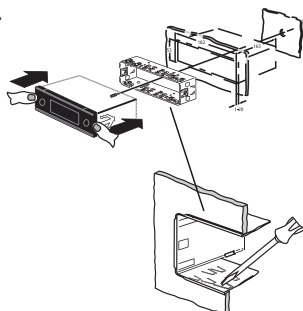
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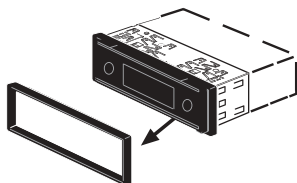


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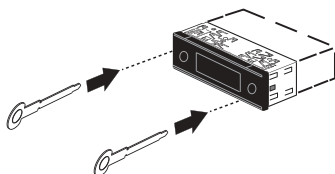


DISMANTLE INSTRUCTION

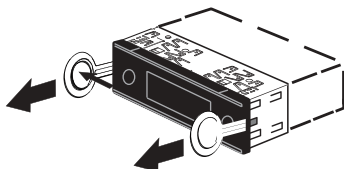
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