

BLAUPUNKT CARMEL140

BLAUPUNKT Carmel 140 Single Din Multimedia MP3 Receiver

MODEL: CARMEL140

User Manual

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your BLAUPUNKT Carmel 140 Single Din Multimedia MP3 Receiver. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.

Safety Information

- Do not operate the unit in a manner that distracts you from driving. Always prioritize road safety.
- Ensure all wiring is correctly connected to prevent short circuits or damage to the unit or vehicle's electrical system.
- Do not expose the unit to moisture or extreme temperatures.
- Refer to a qualified technician for installation if you are unsure about any steps.

2. What's in the Box

Carefully unpack the contents and ensure all items are present:

- BLAUPUNKT CARMEL140 Single Din Car Stereo In-Car Multi-Media Player
- Remote Control
- Wiring Harness
- Mounting Hardware
- User Manual (this document)

3. Product Overview

Front Panel Controls

The front panel provides access to all primary functions of the Carmel 140 receiver.

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CARMEL 140 HEAD UNIT

Single Din Receiver

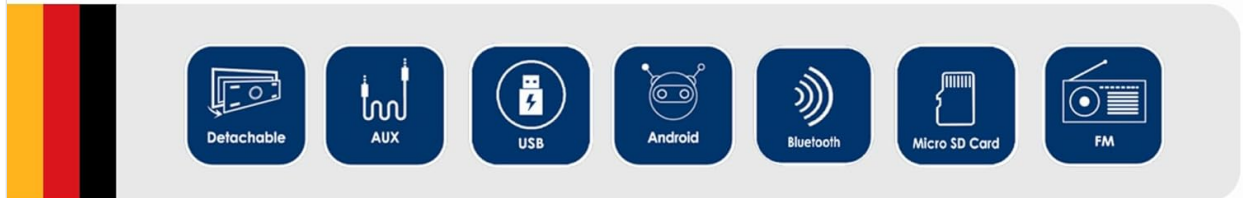
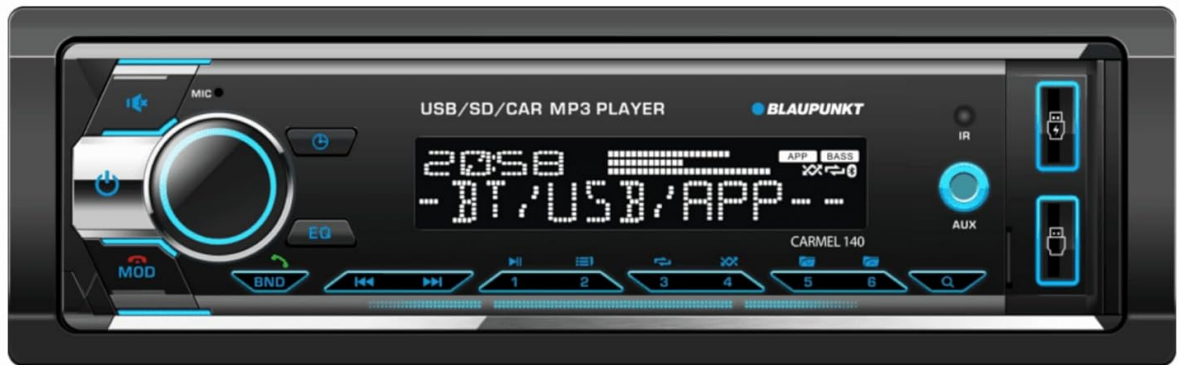


Image Description: A clear, angled view of the BLAUPUNKT Carmel 140 head unit's front panel. The display shows '2058 -- BT/USB/APP--'. Key features visible include the large rotary knob on the left, USB/SD/CAR MP3 PLAYER label, BLAUPUNKT logo, IR sensor, and AUX input on the right. Buttons for MOD, BND, EQ, and track control are also visible.

- **Power/Volume Knob:** Press to turn on/off, rotate to adjust volume.
- **MOD (Mode) Button:** Cycles through available audio sources (Radio, USB, SD, Bluetooth, AUX).
- **BND (Band) Button:** In radio mode, switches between FM1, FM2, FM3, AM1, AM2 bands.
- **EQ (Equalizer) Button:** Selects preset equalizer settings.
- **USB Port:** Connect USB storage devices for media playback and charging.
- **SD Card Slot:** Insert SD cards for media playback.
- **AUX Input:** Connect external audio devices via a 3.5mm jack.
- **Display:** Shows current mode, track information, radio frequency, and time.

Remote Control

The included remote control allows for convenient operation of the receiver from a distance.



Image Description: The BLAUPUNKT Carmel 140 head unit is shown at the top, with its display and controls. Below it, the compact black remote control is displayed, featuring various buttons for power, mode, volume, track control, EQ, and numeric input.

- **Power Button:** Turns the unit on or off.
- **Mode Button:** Selects the audio source.
- **Volume Up/Down:** Adjusts the audio level.
- **Track Skip/Seek:** Navigates through tracks or radio stations.
- **Numeric Buttons:** For direct track selection or radio preset recall.

4. Installation

Proper installation is crucial for optimal performance and safety. It is recommended to have this unit installed by a professional car audio technician.

Wiring Diagram (General Guidelines)

The Carmel 140 uses a standard ISO connector. Ensure all connections are secure and insulated.

- **Yellow Wire:** Constant 12V (Battery Positive)
- **Red Wire:** Switched 12V (Ignition/ACC)
- **Black Wire:** Ground (Chassis Ground)
- **Blue Wire:** Power Antenna / Amplifier Remote Turn-On
- **Speaker Wires:** Connect to vehicle speakers, observing polarity (e.g., White/White-Black for Front Left, Grey/Grey-Black for Front Right, Green/Green-Black for Rear Left, Purple/Purple-Black for Rear Right).

Mounting

The unit is designed for a single DIN opening. Use the supplied mounting sleeve and hardware to secure the unit in the dashboard.

1. Install the mounting sleeve into the dashboard opening.
2. Bend the tabs on the sleeve outwards to secure it.
3. Connect all necessary wiring harnesses to the receiver.
4. Slide the receiver into the mounting sleeve until it locks into place.

5. Attach the detachable faceplate.

5. Setup

Initial Power-On

After installation, turn on your vehicle's ignition. Press the Power/Volume knob to turn on the unit. The display will illuminate.

Setting the Clock

Refer to the on-screen menu or specific button combinations (usually involving the DISP button on the remote or a long press of the MOD button) to access and set the time.

6. Operating Instructions

Basic Operation

- **Power On/Off:** Press the Power/Volume knob.
- **Volume Adjustment:** Rotate the Power/Volume knob.
- **Source Selection:** Press the MOD button to cycle through Radio, USB, SD, Bluetooth, and AUX modes.

Radio Operation

- **Band Selection:** In radio mode, press the BND button to switch between FM1, FM2, FM3, AM1, and AM2.
- **Manual Tuning:** Use the seek buttons (◀◀ / ▶▶) for fine-tuning.
- **Automatic Seek:** Long press the seek buttons to automatically find the next strong station.
- **Storing Presets:** Tune to a desired station, then long press one of the numeric preset buttons (1-6) to save it. The unit supports 30 presets.
- **Recalling Presets:** Short press the numeric preset buttons (1-6) to recall a saved station.

Bluetooth Operation

The Carmel 140 features built-in Bluetooth for wireless audio streaming and hands-free calls.

1. Pairing:

- Ensure Bluetooth is enabled on your mobile device.
- Select Bluetooth mode on the Carmel 140 using the MOD button.
- On your mobile device, search for available Bluetooth devices and select "CARMEL140".
- Confirm pairing if prompted.

2. **Audio Streaming:** Once paired, you can play audio from your device, and it will stream wirelessly to the receiver. Use the receiver's controls or your device to manage playback.

3. **Hands-Free Calling:** When a call comes in, the unit will display the caller ID. Press the answer button (usually the green phone icon on the remote or a specific button on the unit) to accept the call. Use the built-in microphone for communication.

USB/SD/AUX Operation

- **USB/SD Playback:** Insert a USB drive or SD card into the respective slot. The unit will automatically

switch to USB/SD mode and begin playback of compatible MP3/WMA/WAV files.

- **AUX Input:** Connect an external audio device (e.g., smartphone, MP3 player) to the front AUX input using a 3.5mm audio cable. Select AUX mode using the MOD button.
- **USB Charging:** The front USB port also provides a charge function for compatible USB devices.

Sound Settings

- **Equalizer (EQ):** Press the EQ button to cycle through preset equalizer curves (e.g., Pop, Rock, Classic, Flat).
- **Bass/Treble Adjustment:** Access sound settings via the menu (refer to specific button combinations) to manually adjust bass and treble levels.

Detachable Faceplate

The faceplate can be detached for security. Press the release button (usually located near the faceplate) and gently pull the faceplate off. To reattach, align the faceplate with the unit and push until it clicks into place.

7. Maintenance

Cleaning the Unit

- Use a soft, dry cloth to wipe the front panel and display.
- Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the finish or internal components.

Faceplate Care

- Store the detachable faceplate in a protective case when not attached to the unit.
- Avoid touching the electrical contacts on the back of the faceplate.

8. Troubleshooting

If you encounter issues with your Carmel 140 receiver, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Incorrect wiring; Blown fuse; Vehicle ignition off	Check power and ground connections; Replace fuse; Turn vehicle ignition on
No sound	Volume too low; Mute activated; Incorrect speaker wiring; Incorrect source selected	Increase volume; Deactivate mute; Check speaker connections; Select correct audio source
Bluetooth not connecting	Bluetooth not enabled on device; Device not in pairing mode; Interference	Ensure Bluetooth is on and discoverable; Repair device; Move closer to unit
USB/SD not reading	Incompatible file format; Corrupted media; Incorrectly inserted	Ensure files are MP3/WMA/WAV; Try different media; Reinsert USB/SD card
Remote control not working	Dead battery; Obstruction; Not pointing at IR sensor	Replace battery; Remove obstruction; Point remote directly at the unit's IR sensor

If the problem persists after attempting these solutions, please contact customer support.

9. Specifications

Detailed technical specifications for the BLAUPUNKT Carmel 140 receiver:

SPECIFICATIONS

Radio: AM/FM Tuner

Data Carrier: Front USB (Standard A-type), MiniSD, SD card, Front Aux-in

Media Player: MP3/WMA/WAV playback formats

Bluetooth: Bluetooth supported profiles HFP, A2DP. Built-in microphone.

Output: 2-Channel audio output

Amplifier:

- Electronic 4-channels Audio Output
- 30 Watt Power

General:

- 2 Line Dot Matrix Display
- 4 x 45 W Max Power
- RCA Line-out x3
- Blue color keys illumination
- Built-in ISO Connector
- Detachable Frontplate
- Remote control included

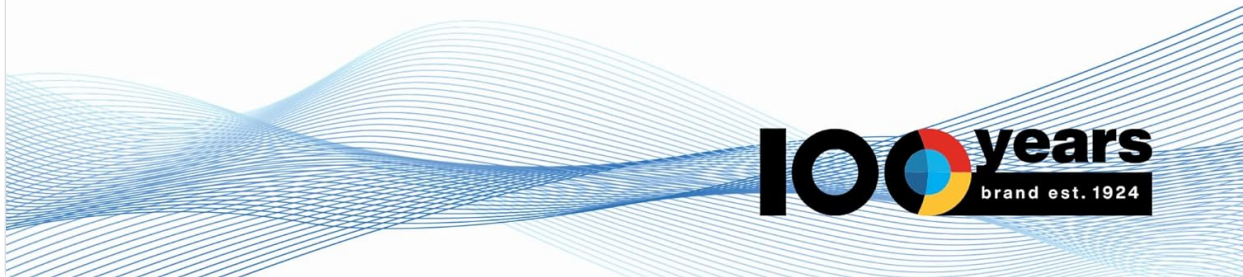


Image Description: A graphic displaying the specifications for the BLAUPUNKT Carmel 140 Head Unit. Categories include Radio (AM/FM Tuner), Data Carrier (Front USB, MiniSD, SD card, Front Aux-in), Media Player (MP3/WMA/WAV), Bluetooth (HFP, A2DP, Built-in microphone), Output (2-Channel audio), Amplifier (Electronic 4-channels, 30 Watt Power), and General (2 Line Dot Matrix Display, 4x45W Max Power, RCA Line-out x3, Blue color keys, Built-in ISO Connector, Detachable Frontplate, Remote control included).

Feature	Specification
Radio Tuner	AM/FM
Data Carrier	Front USB (Standard A-type), MiniSD, SD card, Front Aux-in
Media Playback Formats	MP3, WMA, WAV
Bluetooth	Supported profiles HFP, A2DP. Built-in microphone.
Audio Output	2-Channel audio output
Amplifier Output	Electronic 4-channels, 30 Watt Power
Max Power Output	4 x 45 W
Display	2 Line Dot Matrix Display
RCA Line-out	x3
Key Illumination	Blue color
Connector Type	Built-in ISO Connector
Front Panel	Detachable
Included Accessories	Remote control
Product Dimensions	6"D x 6"W x 6"H (15.24 cm x 15.24 cm x 15.24 cm)
Item Weight	1.65 pounds (0.75 kg)

10. Warranty and Support

Warranty Information

BLAUPUNKT products are manufactured to high-quality standards. This product is covered by a limited warranty against defects in materials and workmanship. Please refer to the warranty card included with your purchase for specific terms and conditions, including the warranty period and claim procedures.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact BLAUPUNKT customer support through their official website or the contact information provided with your product documentation. When contacting support, please have your product model number (CARMEL140) and purchase details ready.