

[Manuals.plus](#) /

› [BOSS Audio Systems](#) /

› BOSS Audio Systems Elite BE920WCPA Car Stereo User Manual

BOSS Audio Systems BE920WCPA

BOSS Audio Systems Elite BE920WCPA Car Stereo

User Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your BOSS Audio Systems Elite BE920WCPA Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

2. PRODUCT OVERVIEW

The BOSS Audio Systems Elite BE920WCPA is a double DIN car stereo featuring a 7-inch touchscreen display. It supports wireless Apple CarPlay and Android Auto, Bluetooth hands-free calling and music streaming, AM/FM radio, and multiple input options including USB and A/V. The unit is designed to enhance your in-car audio and connectivity experience.



Figure 2.1: Front view of the BOSS Audio Systems Elite BE920WCPA Car Stereo, showing the 7-inch touchscreen display with a typical smartphone interface.

Apple CarPlay® and Android Auto™

TRUE DOUBLE DIN FIT

PUSH TO TALK

MICRO SD PORT

HIGH RESOLUTION TOUCHSCREEN

CAR STEREO WITH BLUETOOTH

EXTERNAL CAR MICROPHONE

- 2 USB Ports (Play/Charge)
- Steering Wheel Controls Ready*
*Steering Wheel Controls Sold Separately
- Dual Camera Input

Figure 2.2: Diagram of the BE920WCPA unit highlighting key features such as the high-resolution touchscreen, Micro SD port, Push to Talk button, 2 USB ports (play/charge), dual camera input, and external car microphone connection.

Key Features:

- 7-inch Double DIN Touch Screen
- Wireless Apple CarPlay & Android Auto
- Bluetooth Hands-Free Calling & Music Streaming
- AM/FM Radio
- USB and A/V Input Options
- Steering Wheel Control Compatibility (interface sold separately)
- Pre-amp Outputs for Front, Rear, and Subwoofers
- Inputs for Two Exterior Cameras (cameras sold separately)

3. SETUP AND INSTALLATION

Professional installation is highly recommended for this product to ensure proper and safe functionality. Incorrect installation can lead to damage to the unit or vehicle.

3.1. Unpacking the Unit

Carefully remove all components from the packaging. Verify that all items listed in the "Included in the Box" section are present.

INCLUDED IN THE BOX



Figure 3.1: The BE920WCPA unit shown with its included accessories: wiring harness, mounting brackets, and screws.

3.2. Wiring Diagram

Refer to the detailed wiring diagram provided with your unit for specific connections. Ensure all connections are secure and properly insulated. Pay close attention to power, ground, speaker, and accessory connections.

3.3. Mounting the Unit

The BE920WCPA is designed for a true double-DIN fit. Use the provided mounting brackets and screws to secure the unit in your vehicle's dashboard. Ensure adequate space for ventilation.

TRUE DOUBLE-DIN FIT



Figure 3.2: Dimensions of the BE920WCPA unit, indicating a width of 6.71 inches (170mm), height of 3.8 inches (97mm), and depth of 3.58 inches (91mm) for proper double-DIN fitment.

3.4. Initial Power-Up

After installation, turn on your vehicle's ignition to power the unit. The initial setup screen may appear. Follow the on-screen prompts to configure basic settings such as language and time.

4. OPERATING INSTRUCTIONS

4.1. Touchscreen Interface

The 7-inch touchscreen provides intuitive control over all functions. Tap icons to select applications, swipe to navigate menus, and use pinch-to-zoom gestures where applicable.

4.2. Wireless Apple CarPlay & Android Auto

To use Apple CarPlay or Android Auto wirelessly, ensure your smartphone's Bluetooth and Wi-Fi are enabled. Pair your phone with the BE920WCPA via Bluetooth. Once paired, the unit will prompt you to activate CarPlay or Android Auto.

WIRELESS APPLE CARPLAY



Figure 4.1: The BE920WCPA display showing the Apple CarPlay interface, with a smartphone held below it indicating wireless connectivity.

WIRELESS ANDROID AUTO



Figure 4.2: The BE920WCPA display showing the Android Auto interface, with a smartphone held below it indicating wireless connectivity.

- **Apple CarPlay:** Access navigation (Apple Maps, Waze, Google Maps), make calls, send messages, and play music using Siri voice commands or the touchscreen.
- **Android Auto:** Utilize Google Maps, Waze, make calls, send messages, and stream music with Google Assistant voice commands or the touchscreen.

4.3. Bluetooth Connectivity

To pair a new Bluetooth device:

1. Go to the Bluetooth settings menu on the BE920WCPA.
2. Enable Bluetooth on your mobile device and search for available devices.
3. Select "BE920WCPA" from the list on your device.
4. Confirm the pairing code on both devices if prompted.

Once connected, you can make and receive calls hands-free and stream audio from your device.

4.4. AM/FM Radio

Select the "Radio" icon from the main menu. You can manually tune, seek, or save preset stations. The unit supports Radio Data System (RDS) for displaying station information where available.

4.5. USB and A/V Inputs

Connect USB devices for media playback or charging. The A/V input allows connection of external audio/video sources. Select the corresponding input from the source menu.

4.6. Camera Inputs

The unit supports two exterior cameras (front and rear, sold separately). When properly connected, the display will automatically switch to the rear camera view when the vehicle is in reverse. The front camera can be accessed manually through the interface.

5. MAINTENANCE

5.1. Cleaning the Unit

Use a soft, dry cloth to clean the touchscreen and unit exterior. For stubborn smudges, a slightly damp cloth with water can be used. Avoid abrasive cleaners, solvents, or spray directly onto the unit.

5.2. Software Updates

Periodically check the BOSS Audio Systems website for available firmware updates. Updates can be performed via USB. Follow the instructions provided with the update file carefully.

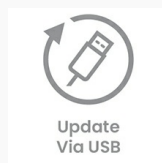


Figure 5.1: Icon representing the ability to update the unit via USB.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your BE920WCPA unit. If the problem persists after attempting these solutions, contact customer support.

Problem	Possible Cause	Solution
Unit does not power on.	No power connection; Blown fuse; Incorrect wiring.	Check power and ground connections. Inspect vehicle's fuse box and unit's fuse. Verify wiring against diagram.
No audio output.	Speaker wires disconnected; Volume too low; Mute activated; Incorrect audio source selected.	Check speaker connections. Increase volume. Deactivate mute function. Select correct audio source.

Problem	Possible Cause	Solution
Wireless CarPlay/Android Auto disconnects frequently.	Weak Wi-Fi/Bluetooth signal; Interference; Software glitch.	Ensure phone is close to the unit. Minimize other wireless devices. Restart both phone and unit. Check for firmware updates.
Touchscreen unresponsive or frozen.	Temporary software error.	Perform a soft reset (refer to unit's specific reset procedure, usually a small reset button). If persistent, disconnect vehicle battery for 1 minute.
Poor radio reception.	Antenna not connected; Damaged antenna; Weak signal area.	Ensure antenna is securely connected. Check antenna for damage. Try tuning to a stronger station.

7. SPECIFICATIONS

Feature	Detail
Model Number	BE920WCPA
Display	7-inch Double DIN Touch Screen (1024x600 resolution)
Connectivity	Wireless Apple CarPlay, Wireless Android Auto, Bluetooth, USB, A/V Input
Audio Output	85W x 4 Channels, Pre-amp outputs (Front, Rear, Subwoofer)
Radio Tuner	AM/FM with RDS (Radio Data System)
Camera Inputs	2 (Front and Rear, cameras sold separately)
Dimensions (D x W x H)	4.55" x 7.32" x 4.25" (11.56 cm x 18.59 cm x 10.8 cm)
Item Weight	2.28 pounds (1.03 kg)
Included in Box	Receiver, Wiring Harness, Mounting Brackets, Screws

8. WARRANTY AND SUPPORT

8.1. Warranty Information

The BOSS Audio Systems Elite BE920WCPA comes with a 3-Year Platinum Online Dealer Warranty when purchased through Amazon.com. Registration of the product online after purchase is encouraged to activate and validate the warranty.

3 Year Platinum Online Dealer Warranty*

We provide a powerful 3 Year Platinum Online Dealer Warranty so long as the purchase is made through Amazon.com. We strongly encourage professional installation of this product to ensure proper and safe functionality.



- * Register online after purchase
- 7" True Double Din Touchscreen
- Wireless Apple CarPlay and Android Auto
- Push To Talk (Connect with smartphone's assistant)
- Bluetooth® Hands-Free Calling
- Steering Wheel Control (Interface not included)
- Mechless (No CD/DVD Player)

Figure 8.1: Image detailing the 3-Year Platinum Online Dealer Warranty, emphasizing registration after purchase and recommending professional installation.

8.2. Customer Support

For technical assistance, warranty claims, or further inquiries, please contact BOSS Audio Systems customer support. Refer to the official BOSS Audio Systems website for the most current contact information.

Website: www.bossaudio.com