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## BOSS Audio Systems BV960NV

# BOSS Audio Systems BV960NV GPS Car Stereo System User Manual

Model: BV960NV

## 1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your BOSS Audio Systems Elite Series BV960NV GPS Car Audio Stereo System. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

## 2. SAFETY INFORMATION

Always prioritize safety when operating your vehicle. Distracted driving can lead to accidents. Ensure all connections are secure and properly insulated to prevent electrical shorts or damage. Professional installation is strongly recommended for optimal performance and safety.

## 3. PACKAGE CONTENTS

Verify that all items listed below are included in your product package:

- BV960NV Receiver Unit
- Wireless Remote Control
- Mounting Hardware
- Power Harness
- User Manual (this document)
- GPS Antenna



Figure 1: Mounting Hardware. This image illustrates the metal mounting brackets, screws, and a rubber cap for the GPS antenna, which are provided for secure installation of the BV960NV unit in a vehicle's dashboard.

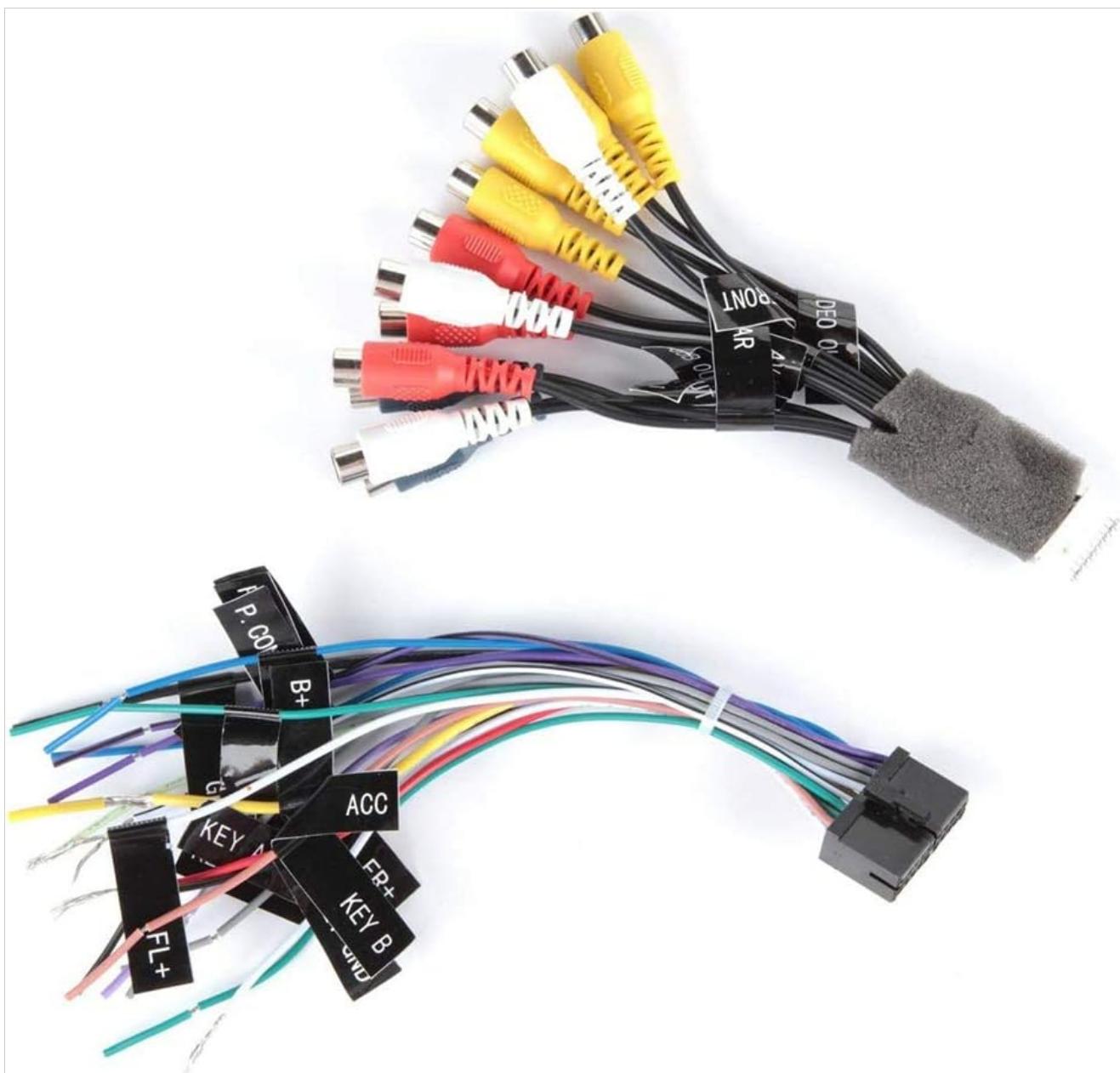


Figure 2: Wiring Harnesses. Two main wiring harnesses are shown: one with various RCA connectors for audio/video inputs and outputs, and another with labeled power and speaker wires for connecting the BV960NV to the vehicle's electrical system and speakers.

## 4. PRODUCT OVERVIEW

The BOSS Audio Systems BV960NV is a 6.2-inch double-DIN touchscreen car stereo system featuring built-in GPS navigation, Bluetooth audio and calling, AM/FM radio, CD/DVD player, and USB/SD card inputs. It is designed to enhance your in-car entertainment and navigation experience.



Figure 3: Front View of BV960NV. This image shows the front of the BOSS Audio Systems BV960NV unit, featuring its 6.2-inch touchscreen display with an active GPS navigation map. Control buttons and a volume knob are visible on the left side.

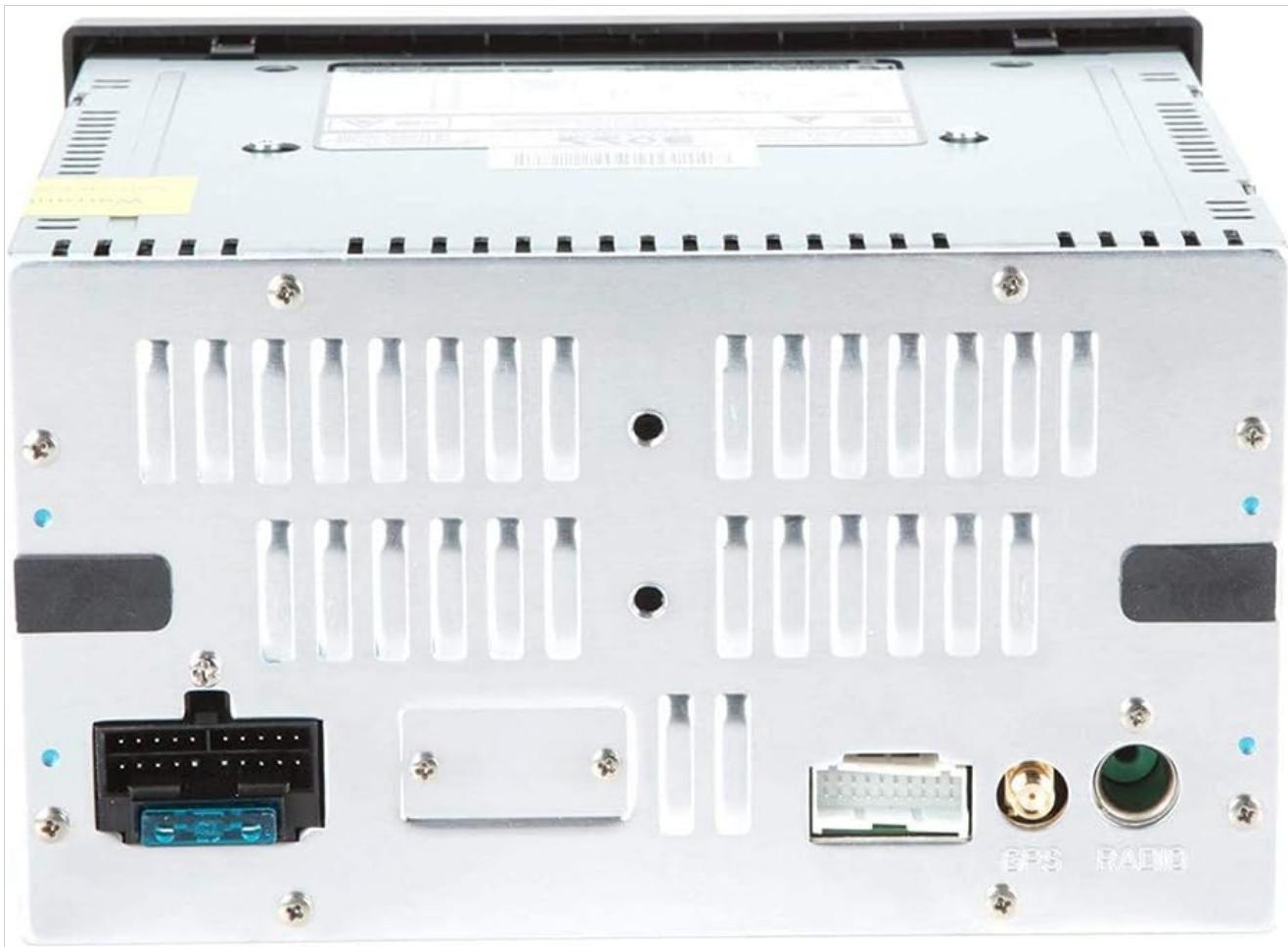


Figure 4: Rear View of BV960NV. The rear panel of the BV960NV unit is displayed, highlighting the power harness connector, antenna input, and multiple RCA pre-amp outputs for front, rear, and subwoofer connections, along with video input/output ports.

## 5. SETUP AND INSTALLATION

Due to the complexity of car audio systems and vehicle electrical wiring, professional installation is highly recommended. Incorrect installation can lead to damage to the unit, vehicle, or personal injury. If you choose to install the unit yourself, ensure the vehicle's battery is disconnected before beginning any wiring.

### 5.1 Wiring Connections

Refer to the wiring diagram provided in the separate installation guide for detailed connection instructions. Key connections include:

- **Power:** Connect the yellow wire to constant 12V, red to accessory 12V, and black to ground.
- **Speakers:** Connect speaker wires to the corresponding vehicle speaker wires.
- **GPS Antenna:** Connect the GPS antenna and mount it in a location with a clear view of the sky.
- **Rearview Camera:** Connect the rearview camera input (if applicable) to the camera's video output and the reverse trigger wire to the vehicle's reverse light circuit.
- **Steering Wheel Controls:** An interface module (e.g., Metra ASWC-1, sold separately) is required to retain existing steering wheel control functions.

### 5.2 Mounting the Unit

Use the provided mounting hardware to secure the BV960NV unit into your vehicle's double-DIN dashboard opening. Ensure the unit is firmly seated and does not obstruct any vehicle controls or airbags.

## 6. OPERATING INSTRUCTIONS

## 6.1 Power On/Off

Press the **MODE** button or the volume knob to turn the unit on. Press and hold the **MODE** button to turn the unit off.

## 6.2 Touchscreen Interface

The 6.2-inch touchscreen allows for intuitive control of all system functions. Tap icons to select modes or adjust settings. The interface is designed for ease of use while driving.



Figure 5: Touchscreen Icon. This icon illustrates a finger interacting with a screen, highlighting the unit's responsive touchscreen interface.

## 6.3 GPS Navigation

The BV960NV features built-in GPS navigation with pre-loaded maps of all 50 states and Puerto Rico, including points of interest. Text-to-speech guidance provides audible directions to your destination.

- To access navigation, tap the **NAV** icon on the main menu.
- Enter your destination using the on-screen keyboard.
- Follow the voice prompts and on-screen map for directions.



Figure 6: GPS Icon. An icon depicting a location pin, symbolizing the built-in GPS navigation feature of the BV960NV system.

## 6.4 Bluetooth Connectivity

Connect your smartphone wirelessly via Bluetooth for hands-free calling and audio streaming.

- Enable Bluetooth on your smartphone and search for available devices.
- Select "BOSS AUDIO" from the list and pair the devices.
- Use the built-in microphone for calls and stream music from your phone or apps like Spotify/Pandora.

Video 1: BOSS Audio Systems Car Stereo System Demo (BV755B). This video demonstrates key features of a similar BOSS Audio Systems car stereo (BV755B), including AM/FM radio tuning, rear camera input, various media playback modes (DVD, Aux-in, Bluetooth streaming), pre-amp outputs, equalizer settings, and remote control options. While not the exact BV960NV model, it showcases comparable functionalities.

## 6.5 Media Playback (CD/DVD/USB/SD/Aux)

The BV960NV supports various media formats for your entertainment:

- **CD/DVD Player:** Insert discs into the slot for audio or video playback.
- **USB/SD Ports:** Connect USB drives or SD cards for playing music and videos.
- **Auxiliary Input:** Use the 3.5mm auxiliary input to connect external audio devices like smartphones or MP3 players.



Figure 7: Auxiliary Input Icon. An icon showing a 3.5mm auxiliary input jack, indicating the system's compatibility with external audio devices.

## 6.6 AM/FM Radio

Tune into your favorite AM/FM radio stations for news, music, and sports updates. Use the touchscreen controls to scan for stations or manually tune.

## 6.7 Rearview Camera Input

Connect a rearview camera (sold separately) to the unit for enhanced safety when reversing. The display automatically switches to the camera view when the vehicle is in reverse gear.



Figure 8: Camera Input Icon. An icon depicting a camera, signifying the unit's capability to connect to a rearview or front-view camera.

Video 2: BOSS Audio Systems Rearview Backup Camera Demo (BV755BLC). This video highlights the rearview backup camera functionality of a similar BOSS Audio Systems car stereo (BV755BLC), showing the on-screen display with distance guides and the camera unit itself. It also briefly touches upon the unit's double-DIN fit. While not the exact BV960NV model, it illustrates relevant camera features.

## 6.8 Audio Settings (Equalizer)

Customize your audio experience using the built-in equalizer. Adjust bass, treble, balance, and fader settings to suit your preferences.

## 6.9 Remote Control

The included wireless remote control allows convenient operation of the system from various positions within the vehicle.



Figure 9: Wireless Remote Control Icon. An icon showing a remote control, indicating the inclusion and functionality of a wireless remote for the system.

## 7. MAINTENANCE

To ensure the longevity and optimal performance of your BV960NV system, follow these maintenance guidelines:

- Cleaning:** Use a soft, dry cloth to clean the touchscreen and unit exterior. Avoid abrasive cleaners or solvents.
- Disc Care:** Handle CDs and DVDs by their edges to prevent scratches. Keep discs clean and store them in their cases when not in use.
- Software Updates:** Check the BOSS Audio Systems website periodically for any available software or map updates.

## 8. TROUBLESHOOTING

If you encounter issues with your BV960NV, refer to the following common troubleshooting steps:

- No Power:** Check all power connections (constant 12V, accessory 12V, ground) and ensure the vehicle's fuse is intact.

- **No Sound:** Verify speaker connections, amplifier connections (if applicable), and audio settings (volume, balance, fader, mute).
- **GPS Signal Loss:** Ensure the GPS antenna is properly connected and has an unobstructed view of the sky.
- **Bluetooth Pairing Issues:** Delete previous pairings from your phone and the unit, then attempt to re-pair. Ensure both devices are in pairing mode.
- **Touchscreen Unresponsive:** Perform a soft reset (refer to the full user manual for specific instructions). If the issue persists, contact customer support.

## 9. SPECIFICATIONS

Feature	Specification
Product Dimensions	6.3 x 7 x 4 inches
Item Weight	5.43 pounds
Item Model Number	BV960NV
Display Type	6.2 Inch Touchscreen Digital TFT LCD Monitor
Connectivity Technologies	Bluetooth, USB
Special Features	Equalizer, GPS Navigation, Touchscreen
Human Interface Input	Microphone, Touchscreen
Scanner Resolution	800 x 480
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4.0
Included Components	Receiver, remote, mounting hardware, power harness, user manual

## 10. WARRANTY INFORMATION

BOSS Audio Systems provides a powerful 3-year platinum online dealer warranty for this product, provided the purchase is made through Amazon.com. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official BOSS Audio Systems warranty policy.

## 11. SUPPORT

For further assistance, technical support, or service inquiries, please visit the official BOSS Audio Systems website or contact their customer service department. You can find contact information on their website or in the original product packaging.