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BELVA BPKG212V2

# BELVA BPKG212v2 Car Audio System User Manual

Model: BPKG212V2 | Brand: BELVA

## PRODUCT OVERVIEW



The BELVA BPKG212v2 is a complete car audio system designed to deliver powerful and deep bass. This package includes a dual 12-inch loaded ported subwoofer enclosure, a high-performance Class A/B monoblock amplifier with a remote bass knob, and a comprehensive 8-gauge wiring kit for a seamless installation. The system is engineered for impressive sound performance and durability, making it an ideal upgrade for your vehicle's audio setup.



**BELVA BPKG212v2**

# COMPLETE BASS PACKAGE

**1200W DUAL 12" LOADED PORTED ENCLOSURE**

- Class A/B Monoblock Amplifier
- 8 Gauge CCA Wiring Kit

## WHAT'S INCLUDED

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Your BELVA BPKG212v2 package contains the following components:

- Dual 12-inch Loaded Ported Subwoofer Enclosure
- BELVA BB200ABv2 Class A/B Monoblock Amplifier
- Remote Bass Knob
- 17 feet red 8 gauge power wire
- 3 feet black 8 gauge ground wire
- 17 feet gray 18 gauge remote lead wire
- 17 feet helical twist 2-channel RCA interconnect cable
- 20 feet 16 gauge speaker cable
- MINI-ANL fuse holder with 60 amp fuse
- Black rubber firewall grommet
- 8 gauge red chrome plated ring terminal
- 8 gauge black chrome plated ring terminal
- 3 red spade terminals
- 2 black spade terminals
- 1 red butt connector
- 10 4-inch black zip ties



*Image: Complete Amplifier Wiring Kit*

## INSTALLATION GUIDE

### Safety Precautions

- Always disconnect the vehicle's negative battery terminal before starting any electrical work.
- Ensure all wiring is properly insulated and secured to prevent short circuits.
- Mount the amplifier in a location that allows for adequate ventilation and is protected from moisture.
- Consult a professional car audio installer if you are unsure about any steps.

### Component Identification

Familiarize yourself with the main components of your BELVA BPKG212v2 system:



*Subwoofer Enclosure*





*Monoblock Amplifier*



*Remote Bass Knob*

## Wiring Connections

Follow these steps for proper wiring of your system:

1. **Power Wire:** Connect the 8-gauge red power wire from the amplifier's +12V terminal to the positive terminal of your vehicle's battery. Install the MINI-ANL fuse holder within 18 inches of the battery.

2. **Ground Wire:** Connect the 8-gauge black ground wire from the amplifier's GND terminal to a clean, unpainted metal surface on the vehicle's chassis. Ensure a solid, secure connection.
3. **Remote Turn-On Wire:** Connect the 18-gauge gray remote lead wire from the amplifier's REM terminal to the remote turn-on output of your head unit. This wire tells the amplifier to turn on when your head unit is active.
4. **RCA Interconnect Cable:** Connect the 2-channel RCA interconnect cable from the RCA output of your head unit to the RCA input (INPUT) on the amplifier.
5. **Speaker Wire:** Connect the 16-gauge speaker cable from the amplifier's SPEAKER output terminals to the spring-loaded push terminals on the subwoofer enclosure. Ensure correct polarity (+ to + and - to -).
6. **Remote Bass Knob:** Plug the remote bass knob cable into the 'REMOTE' port on the amplifier. Mount the bass knob in an accessible location for easy adjustment.



*Amplifier Power and Speaker Terminals*



*Subwoofer Enclosure Terminals*

## **Enclosure Placement**

The dual 12-inch ported enclosure is designed for optimal bass response. Place the enclosure securely in your vehicle's trunk or cargo area. Ensure it is stable and will not shift during driving. The enclosure dimensions are 28.5" L x 15.5" W x 13" H.





*Image: Ported Enclosure Side View*

**BELVA BPKG212v2**

# **HATCHBACK ENCLOSURE**

**PREMIUM BLACK CARPET AND VINYL FRONT**

- High and Low Level Inputs
- Designed to work with both factory and aftermarket systems



## **OPERATION**

### **Remote Bass Knob**

The included remote bass knob provides convenient control over the subwoofer's output level from the driver's seat. Turn the knob clockwise to increase bass output and counter-clockwise to decrease it. This allows for on-the-fly adjustments to suit your music and preferences.



Image: Remote Bass Knob

## Amplifier Settings

The BELVA BB200ABv2 amplifier features adjustable settings to fine-tune your bass experience:

- **GAIN:** This control matches the amplifier's input sensitivity to the output voltage of your head unit. Start with the gain at minimum and slowly increase it until you hear distortion, then back off slightly.
- **LPF (Low Pass Filter):** This control allows only frequencies below the set point to pass through to the subwoofers. Adjust it to blend the subwoofer's output seamlessly with your main speakers, typically between 80Hz and 120Hz.
- **BASS BOOST:** Provides an adjustable bass boost from 0 to +12dB. Use this sparingly to enhance low frequencies. Excessive bass boost can lead to distortion and potential damage to the subwoofers.



Image: Amplifier Control Panel

## CARE AND MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the amplifier and enclosure. Avoid using harsh chemicals or abrasive cleaners.
- **Connections:** Periodically check all wiring connections to ensure they are secure and free from corrosion. Loose connections can lead to poor performance or damage.
- **Ventilation:** Ensure the amplifier has adequate airflow around it to prevent overheating. Do not block the cooling fins.
- **Environmental Factors:** Protect the system from extreme temperatures, direct sunlight, and excessive moisture.

# TROUBLESHOOTING

If you encounter issues with your BELVA BPKG212v2 system, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
No Power to Amplifier	Blown fuse; Loose power/ground wire; No remote turn-on signal.	Check and replace fuse; Secure all power and ground connections; Verify remote wire connection to head unit.
No Sound from Subwoofers	RCA cables disconnected; Speaker wires disconnected/reversed polarity; Amplifier gain too low; Head unit volume too low.	Check RCA connections; Verify speaker wire connections and polarity; Adjust amplifier gain; Increase head unit volume.
Distorted Sound	Amplifier gain set too high; Bass boost too high; Poor ground connection; Damaged speaker.	Reduce amplifier gain; Decrease bass boost; Ensure solid ground connection; Inspect subwoofers for damage.
Amplifier Overheating	Insufficient ventilation; Impedance mismatch; Prolonged high volume use.	Ensure proper airflow around amplifier; Verify speaker impedance matches amplifier's rating; Reduce listening volume.

# TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	BPKG212V2
Speaker Type	Subwoofer
Recommended Uses	For Car Audio
Subwoofer Diameter	12 Inches
Speaker Maximum Output Power	1200 Watts
Amplifier Type	Class A/B Monoblock
Amplifier RMS Power (2 Ohm)	500 watts x 1 channel
Bass Boost	+0-12dB

Feature	Specification
Enclosure Construction	3/4" MDF
Enclosure Dimensions (L x W x H)	28.5" x 15.5" x 13"
Item Weight	45 Pounds
Connectivity Technology	Wired
Control Method	Remote



Image: Amplifier Dimensions

## WARRANTY INFORMATION

This BELVA product comes with a **Limited Warranty**. For specific terms, conditions, and duration of the warranty, please refer to the documentation included with your purchase or contact BELVA customer support.



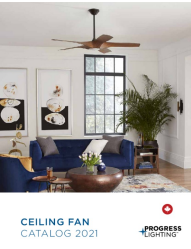
## CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your BELVA BPKG212v2 car audio system, please visit the official BELVA store or contact their customer service department.

Visit the BELVA  
Store

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### Related Documents - BPKG212V2

	<p><a href="#">Belva BDMRS1 Single DIN Bluetooth Car Stereo Receiver Owner's Manual</a></p> <p>Comprehensive owner's manual for the Belva BDMRS1 Single DIN Bluetooth Car Stereo Receiver, covering operation, installation, troubleshooting, and specifications.</p>
	<p><a href="#">Crime and Punishment in America: Biographies - Key Figures in U.S. Justice History</a></p> <p>Explore the lives of influential individuals in American crime and punishment history, from social reformers and legal figures to notorious criminals, presented in biographical profiles by U-X-L.</p>
	<p><a href="#">Progress Lighting 2021 Ceiling Fan Catalog</a></p> <p>Explore the 2021 Progress Lighting Ceiling Fan Catalog, featuring a wide range of indoor and outdoor ceiling fans. Discover modern, industrial, and farmhouse designs with advanced features like Wi-Fi control and LED lighting.</p>