PowerBass XL-650

PowerBass XL-650 Amplified Soundbar User Manual

Model: XL-650

INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your PowerBass XL-650 Amplified Soundbar. Designed for powersports and golf cart applications, this soundbar delivers high-quality audio in challenging environments. Please read this manual thoroughly before use to ensure proper function and longevity of your device.

SAFETY INFORMATION

- Ensure all wiring is correctly connected to prevent electrical hazards.
- Do not expose the soundbar to extreme temperatures beyond its operational limits.
- Avoid disassembling the unit; refer servicing to qualified personnel.
- Securely mount the soundbar to prevent movement during vehicle operation.
- This product is IPX6 rated for water resistance; however, avoid submersion.

PACKAGE CONTENTS

Verify that all items are present before beginning installation:

- PowerBass XL-650 Amplified Soundbar
- XL-SBSCLAMP Square Soundbar Clamps (for 0.75", 1.0", 1.25" square bars)
- Mounting Hardware
- Power/Ground Wiring Harness
- 3.5mm Auxiliary Input Cable

Image: The PowerBass XL-650 soundbar shown with its included square mounting clamps. The soundbar features a black grille and a central control panel.

SETUP AND INSTALLATION

1. Mounting the Soundbar

1. **Select Mounting Location:** Choose a secure location on your golf cart or powersports vehicle that allows for optimal sound dispersion and does not obstruct visibility or vehicle operation.
2. **Attach Clamps:** Use the provided XL-SBSCLAMP square clamps. Select the appropriate clamp size for your vehicle's square bars (0.75", 1.0", or 1.25"). Securely fasten the clamps to the soundbar using the included hardware.
3. **Mount to Vehicle:** Position the soundbar with attached clamps onto the desired square bar. Tighten all mounting hardware to ensure the soundbar is firmly secured and will not vibrate or shift during use.

Image: A close-up view of the PowerBass XL-SBSCLAMP square soundbar clamps, designed for secure mounting on various bar sizes.

2. Wiring Connections

The XL-650 soundbar requires a 3-wire connection:

- **Power (Red Wire):** Connect to a constant 12V DC power source.
- **Ground (Black Wire):** Connect to a solid chassis ground point.
- **Switched 12V Input (Blue Wire):** Connect to a switched 12V source (e.g., ignition or a dedicated rocker switch) to allow the soundbar to turn on/off with your vehicle's power.

Ensure all connections are secure and insulated to prevent short circuits.

OPERATING INSTRUCTIONS

Image: The PowerBass XL-650 soundbar with its LED back-lit control panel visible, showing power, Bluetooth, track, and volume controls.

Control Panel Functions:

- **Power Button:** Press to turn the soundbar on or off.
- **Bluetooth Button:** Press to enter Bluetooth pairing mode.
- **Play/Pause Button:** Controls media playback.
- **Track Skip Buttons (Forward/Backward):** Navigates between tracks.
- **Volume Up/Down Buttons:** Adjusts the audio output level.

1. Bluetooth Pairing

1. Ensure the soundbar is powered on.
2. Press the **Bluetooth button** on the control panel. The Bluetooth indicator light will flash, indicating pairing mode.
3. On your mobile device (smartphone, tablet), navigate to the Bluetooth settings.
4. Select "PowerBass XL-650" from the list of available devices.
5. Once connected, the Bluetooth indicator light will become solid. You can now stream audio wirelessly.

2. Auxiliary Input

For devices without Bluetooth, use the 3.5mm auxiliary input:

1. Connect one end of a 3.5mm audio cable (not included) to the auxiliary input port on the soundbar.
2. Connect the other end to the headphone jack or audio output of your device.
3. The soundbar will automatically switch to auxiliary mode when a cable is detected.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the soundbar. Avoid harsh chemicals or abrasive cleaners.
- **Connections:** Periodically check all wiring connections for tightness and corrosion, especially in marine or off-road environments.
- **Storage:** If storing the vehicle for extended periods, ensure the soundbar is powered off and protected from extreme conditions.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Loose power/ground connection; Blown fuse; Switched 12V not active.	Check all wiring connections. Verify fuse integrity. Ensure the switched 12V source is active.
No Audio Output	Volume too low; Incorrect source selected; Device not paired (Bluetooth) or cable not connected (Aux).	Increase volume. Ensure correct input mode. Re-pair Bluetooth device or check Aux cable connection.
Bluetooth Disconnection	Device out of range; Interference.	Move device closer to the soundbar. Avoid sources of strong electromagnetic interference.

SPECIFICATIONS

Image: An internal view of the PowerBass XL-650 soundbar, showcasing its four square poly cone woofers and two SD Mylar tweeters.

Feature	Detail
Model	XL-650
Speaker Configuration	6 Speakers (4 x 3.5" Square Poly Cone Woofers, 2 x 1" SD Mylar Tweeters)
Amplifier Power	250 Watts (RMS), 1000 Watts (Max)
Connectivity	Bluetooth, 3.5mm Auxiliary Input
Water Resistance Rating	IPX6 (Weatherproof)

Feature	Detail
Housing	Heavy Duty Extruded Aluminum
Control Panel	LED Back-lit
Input Voltage	12 Volts DC
Item Weight	15 Pounds
Mounting Type	Bar Mount (Square Clamps included for 0.75", 1.0", 1.25" bars)

Note: Specifications are subject to change without notice.

WARRANTY INFORMATION

The PowerBass XL-650 Amplified Soundbar comes with a **Limited Warranty**. For specific terms and conditions, including duration and coverage details, please refer to the warranty card included with your product or visit the official PowerBass website. Keep your proof of purchase for warranty claims.
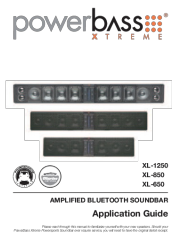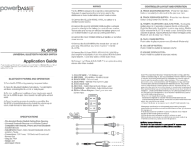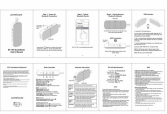
CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your PowerBass XL-650 Soundbar that are not covered in this manual, please contact PowerBass customer support. Refer to the product packaging or the official PowerBass website for the most current contact information.

Related Documents - XL-650

[PowerBass Xtreme Amplified Bluetooth Soundbar Application Guide](#)
This application guide provides detailed information on the PowerBass Xtreme Amplified Bluetooth Soundbars, including technical features, specifications, installation tips, wiring diagrams, controller layout, operation, troubleshooting, and warranty policy for models XL-1250, XL-850, and XL-650.

	[PowerBass Xtreme Amplified Bluetooth Soundbar XL Series - Application Guide & Specifications](#) Comprehensive application guide and technical specifications for the PowerBass Xtreme XL-1250, XL-850, and XL-650 amplified Bluetooth soundbars. Includes installation tips, troubleshooting, and warranty information.
	[PowerBass XL-BTRS Universal Bluetooth Rocker Switch Application Guide](#) Detailed application guide for the PowerBass XL-BTRS Universal Bluetooth Rocker Switch, covering wiring, controller layout, operation, pairing, and specifications.
	[PowerBass Autosound OE Series Component Application Guide](#) This application guide provides detailed information on the PowerBass Autosound OE Series Component speakers, including features, specifications, installation procedures, and warranty policy.
	[Powerbass BT-150 SoundCube User Manual: Setup, Operation, and Specifications](#) Comprehensive user manual for the Powerbass BT-150 SoundCube portable Bluetooth speaker, covering setup, pairing, TWS function, basic operation, interface instructions, technical specifications, notes, FAQ, and safety information.
	[PowerBass PBX-DSP8 8-Channel Digital Signal Processor Owners Manual](#) Comprehensive owners manual for the PowerBass PBX-DSP8 8-Channel Digital Signal Processor, detailing installation, setup, features, and troubleshooting for car audio systems.