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INSTALLATION INSTRUCTIONS

PART NO. 13-108

DESCRIPTION: SOUND BAR

ESTIMATED INSTALLATION TIME: 45 TO 60 MIN

FITMENT:

UTV UNIVERSAL

TOOLS NEEDED:	REMOVABLE THREAD LOCK	An electric drill with bits	Allen / Hex Key / Wrench Set	Wire strippers	Philips head and standard screwdrivers
	Crimping tool	VOM (electronic volt ohm meter)	Heat shrink tubing and heat gun	Soldering iron	Electronic (Rosen not Acid Core) Solder
INCLUDED:	SOUND BAR	HARDWARE KIT	WIRING HARNESS		
EXTRA ITEMS (NOT NEEDED):	EXTRA HARDWARE DEPENDS ON MOUNT USED				

PLEASE READ THROUGH AND UNDERSTAND THESE INSTRUCTIONS BEFORE BEGINNING. *USE REMOVABLE THREAD LOCK ON ALL FASTENERS*

INSTALLATION EXPERIENCE

Installation of PowerBass mobile amplified soundbars requires detailed knowledge of electronics wiring. We strongly recommend installation by an authorized PowerBass dealer. This Owner's Manual only provides general installation and operation instructions. If you have any reservations about your installation skills, please contact your local PowerBass dealer for assistance.

IMPORTANT: This amplified soundbar is designed for operation in vehicles with 12-volt Negative ground electrical systems only.

GENERAL INSTALLATION TIPS

Your PowerBass XL Bluetooth Soundbars were specially designed for providing high-fidelity sound in any terrain while being able to withstand the harshest of environments with their splash proof design and military grade aluminum chassis. Possible damage to your speakers may occur if improperly used by overdriving the system causing the sound to distort causing permanent damage to the speakers. Playing loud music in an outdoor environment can permanently damage your hearing, as well as limit your ability to hear other traffic.

1. Be sure to carefully read and understand the instructions before attempting to install this product.
2. Turn off the audio system. For safety, disconnect the negative lead from the battery prior to beginning installation.
3. For easier installation, we recommend that if additional wiring is required, you run all wires prior to mounting your soundbar in place.
4. The outdoor environment can quickly accelerate corrosion so always use the highest quality connectors for a reliable installation and minimal signal or power loss.
5. Always use caution before you drill or cut! Be careful not to puncture gas tanks, fuel lines, hydraulic lines or electrical wiring when working on any vessel or vehicle.
6. Never run soundbar wires underneath the vehicle or exposed on a boat deck, keeping the wiring behind cover provides the best protection from environmental elements.
7. Avoid running any soundbar wire or signal cables near the vehicle's electrical system to prevent noise from "bleeding" into the audio system.
8. Leave a little slack in the soundbar wire for easier installation, this will prevent pulling or stretching the wire and possibly causing a connection to come loose.

PREPARING FOR INSTALLATION

NOTE: The stainless steel hardware supplied with your PowerBass Xtreme soundbar has been chosen to resist rust and corrosion. If the particular hardware supplied will not work for your installation purposes, please be sure to use only appropriate marine grade (stainless steel) mounting hardware.

INSTALLATION PRECAUTIONS

NOTE: Proceed only if you are a qualified installer, otherwise; see your Authorized PowerBass Dealer to professionally install this amplifier. Always wear protective eyewear when using tools.

- Turn off all stereo and other electrical devices before you begin.
- Disconnect the negative (-) lead from your vehicles battery.
- Locate all fuel lines, brake lines, oil lines, and electrical cables when planning the install.

- When connecting ground points, make sure all paint is carefully scrapped away from the body and contact is made with bare metal.
- Use a utility knife to trim away fabric from hole locations before drilling or cutting.
- When running power cables through sheet metal, be sure to use grommets to properly insulate the metal edges from the wire insulation.
- If possible, use tubing through grommets.

WARNING: Check your vehicle's owner's manual before disconnecting the battery. Disconnecting the battery on some vehicles may require an anti-theft code when reconnecting the battery and require the on-board computer to be reset at the dealership. Check with your local dealer if you are uncertain.

MOUNTING THE SOUNDBAR

L-brackets (Also compatible with XL-SBT/SBS CLAMPS providing additional mounting options)

Use the supplied hardware to mount the L bracket to the sound bar at the desired mounting angle. Securely tighten all hardware. The diameter of the hole in the L- bracket is .25 inches.

NOTE: we do not supply the hardware to mount the sound bar to the vehicle when using the supplied L Brackets.

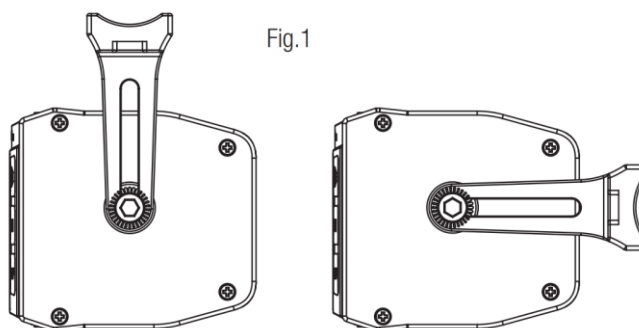


Fig.1

C-clamp bracket (optional not included)

Place the XL-SBCLAMP2 at the desired mounting position, Remove the top C-Clamp portion and bolt the clamp base into the sound bar securely. Once in place and you are ready to mount the sound bar, attach the top C-Clamp portion using the correct length bolts for your bar size.

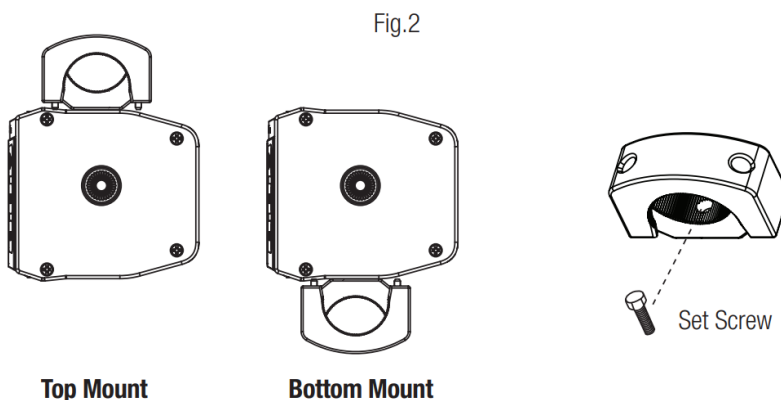


Fig.2

Top Mount

Bottom Mount

MOUNTING LOCATION

Find an unobstructed location that where the soundbar will be easily heard and out of the way so no harm will come to any individual in or around the vehicle. A prime location to mount the soundbar in an off-road vehicle would be on the roll bar preferably in the front of the cockpit.

POWER WIRING AND SIGNAL CONNECTIONS

Red Fuse Wire is the main power lead to be connected directly to the positive terminal of the 12V battery. It is recommended to hook this power wire directly to the battery for better current and voltage flow (fig. 4).

Black Ground Wire (fig. 3 & 4) is the ground lead to the soundbar and needs to be a solid ground connection. Sand or scrape the paint away from a solid chassis location and use a screw or bolt with a star washer for best results. It is recommended to connect the Ground Wire directly to the Battery negative (fig. 4).

Blue Accessory Wire is the power on and off switch for your soundbar. Attach this lead your ignition or any 12 volt switched power.

Blue & White Remote Out Wire is to power on and off external amplifiers for use along with your sound bar.

AUX RCA Input is the audio input from a source unit that produces 250mV to 3 volts.

AUX RCA Output is up to a 2 volt output to drive an external amp (subwoofer or full-range) or a second sound bar. This output is a full-range variable output that is controlled by the soundbar pre-amp.

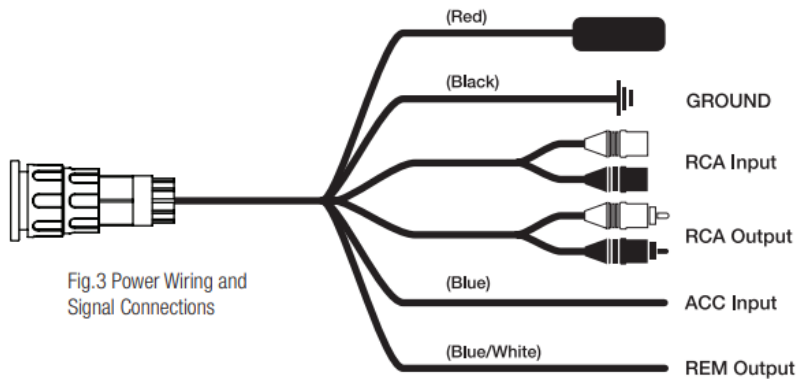


Fig.3 Power Wiring and Signal Connections

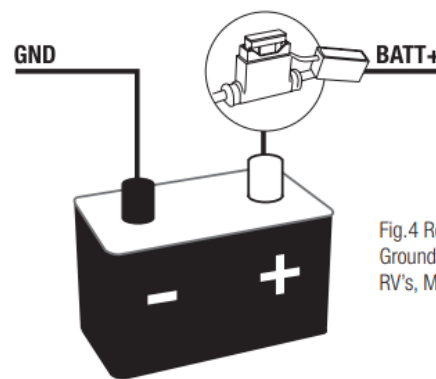


Fig.4 Recommended Power & Ground Connection for UTV's, RV's, Motorcycles and Boats

AUX INPUT

Connect the external audio input wire to your soundbar. Turn the soundbar on by holding the power button for 3-5 seconds, an audible beep will confirm that the soundbar is powered on. Now you can use the main controller on the soundbar to adjust volume up, down and mute. Track back and forward as well as pause will not work in AUX mode; these features work only in Bluetooth mode. In Aux mode these features can only be operated by your connected device. (Radio, Phone or MP3 Player).

AUX OUTPUT

The soundbar will send up to 2 volts of audio output to either an external amplifier (subwoofer or full-range) or second soundbar. This is a variable output that is controlled by the main soundbar. To use the AUX output, simply connect to the audio input of your amplifier or secondary sound bar.

CONTROLLER LAYOUT

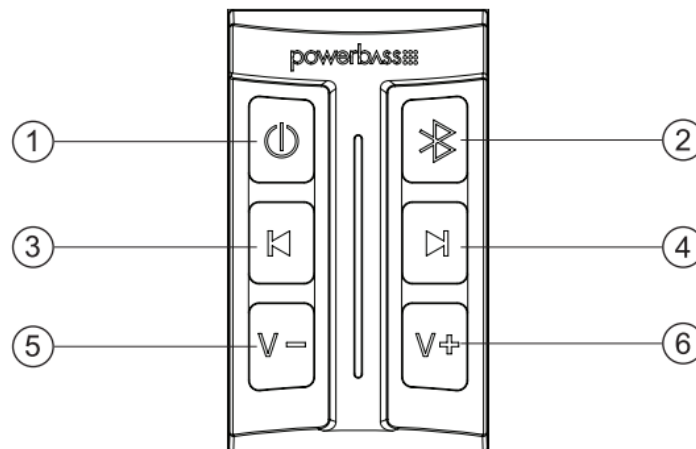


Fig.6

CONTROLLER OPERATION

1) POWER/MUTE/PAUSE BUTTON

Press and hold the button down for 3 to 5 seconds to power unit on/off.

Press the button momentarily to pause the music in Bluetooth mode and once again to un-pause.

Press the button momentarily once to mute the music in AUX mode and once again to un-mute.

2) BLUETOOTH/AUX MODE BUTTON

Press Bluetooth/Aux button momentarily to switch between Bluetooth and auxiliary input.

Press the Bluetooth/Aux button to pair a Bluetooth device if no device is currently paired.

3) TRACK BACK BUTTON

Press the Track Back button momentarily to skip back to the previous song (Bluetooth mode only).

4) TRACK FORWARD BUTTON

Press the Track Forward button momentarily to skip to the next song (Bluetooth mode only).

5) VOLUME DOWN BUTTON

Press the volume down button momentarily to lower the volume. Press the volume down button repeatedly until the desired volume level is achieved.

6) VOLUME UP BUTTON

Press the volume up button momentarily to raise the volume. Press the volume up button repeatedly until the desired volume level is achieved. There will be an audible beep once maximum volume is reached.

BLUETOOTH PAIRING AND OPERATION

- 1) Turn sound bar on by holding power button for 3-5 seconds, there will be an audible beep to confirm the soundbar is on.
- 2) Press the Bluetooth button momentarily and you will hear an audible sequence of tones to confirm soundbar is now ready to pair with your device along with flashing back lights.
- 3) Go into the Bluetooth settings of your device and search for the XL-(model) Soundbar signal to pair. Once paired, there will be an audible beep to confirm that the soundbar and your Bluetooth device has paired successfully.
- 4) Once the pairing process is complete, use either the main controller on the soundbar or connected device to control volume up and down, track back or forward, and pause/mute.

NOTICE

**THIS SET CONTAINS EXTRA
HARDWARE ITEMS THAT WILL
NOT BE USED FOR THIS
INSTALLATION**

WARNING

THREADLOCK CAUSES PLASTICS TO CRACK, BREAK OR BECOME BRITTLE. WHEN USING THREADLOCK TO INSTALL HARDWARE WITH PLASTIC COMPONENTS, ONLY APPLY TO METAL COMPONENTS. IT IS CRITICAL THAT ANY EXCESS THREADLOCKER OR SPILLAGE IS CLEANED COMPLETELY FROM PLASTIC COMPONENTS IMMEDIATELY BEFORE DRYING. A DAMP TOWEL OR RAG IS THE BEST WAY TO ACHIEVE THIS. IF EXCESS THREADLOCKER IS NOT CLEANED UP RIGHT AWAY, IT COULD LEAD TO DAMAGED PRODUCTS AND VOID WARRANTY.

NOTICE

**IGNORING THE CONTENTS OF THESE
INSTRUCTIONS MAY AFFECT THE PRODUCT
PERFORMANCE AND FUNCTIONALITY. NOT
FOLLOWING THESE INSTRUCTION MAY CAUSE
DAMAGE TO THE PRODUCT OR THE VEHICLE
TO WHICH IT IS BEING ATTACHED.**