

HTGX6BTH

3 Way Active Crossover with Wireless BT Audio Connectivity

USER GUIDE

Specifications

Features:

- Exclusive Infinite 3 Way Crossover Design
- 2- & 3-Way Asymmetrical Crossover
- Adjustable Bass Shaper
- Wireless BT Audio Connectivity
- 18dB/Octave Low Pass Filter
- 12dB/Octave High Pass Filter
- X1 - X20 Frequency Multiplier
- RCA Mono/Stereo Subwoofer Audio Output
- Adjustable Audio Output Level
- Subwoofer Phase switch 0-180 degree
- Front/Rear RCA Pre-Amp Inputs
- Parallel Audio Input Switch
- Gold Plated RCA Connections
- DC 12 Volt with Remote Trigger

Wireless BT Streaming:

- Built-in BT for Wireless Music Streaming
- Simple & Hassle-Free Pairing
- Works with All of Today's Latest Devices
Smartphones, Tablets, Laptops, Computers, etc.
- Wireless BT Version: 4.0
- Wireless BT Network Name: **'LANZAR HERITAGE'**
- Wireless Range: Up to 32' ft.

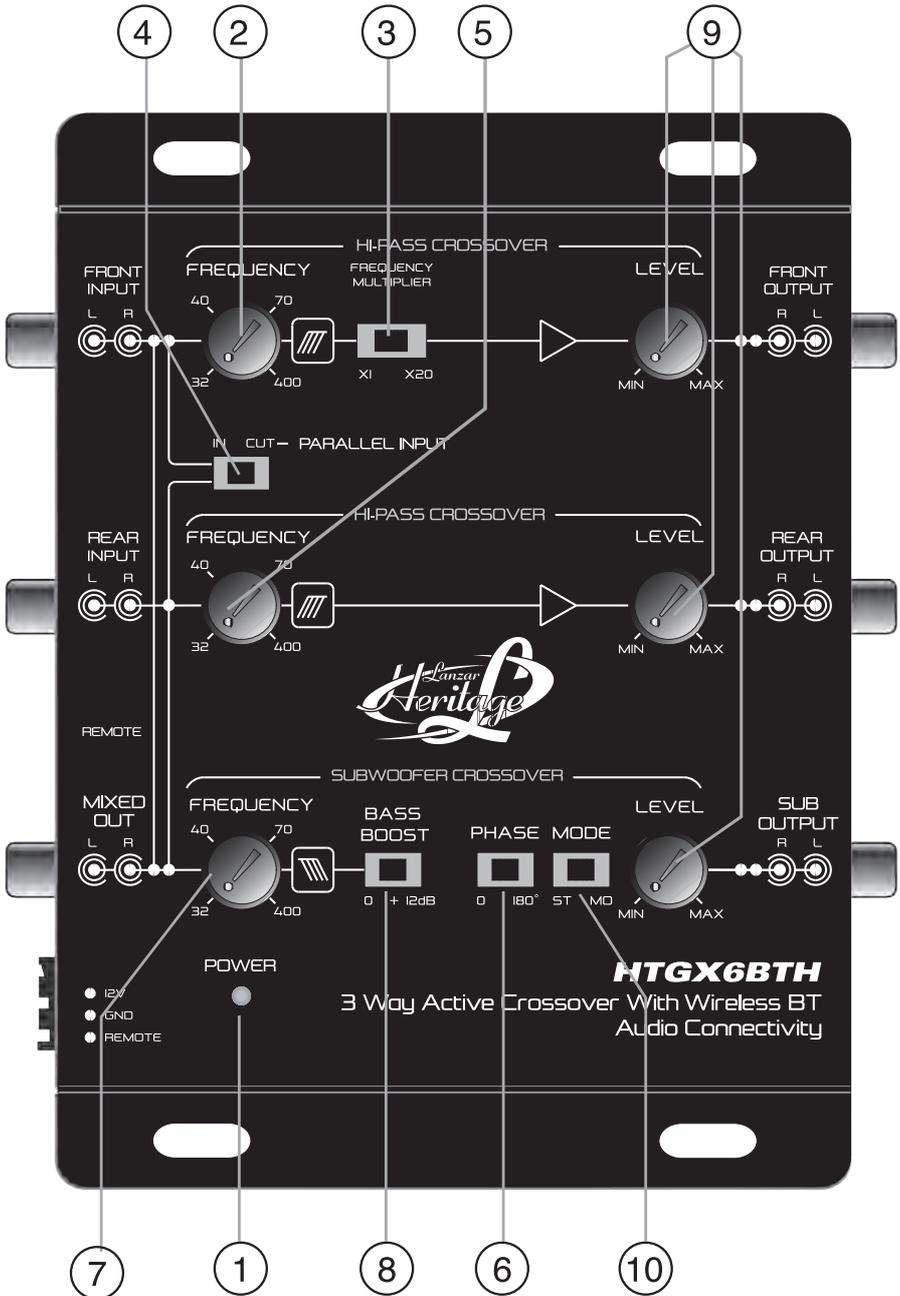
What's in the Box:

- 3 Way Active Crossover

Technical Specs:

- Construction Material: Iron
- Power Output: DC 12V
- Pre-Amp Output: 9V RMS
- Power Dimensions (L x W x H): 6.9" x 5.3" x 1.7' -inches

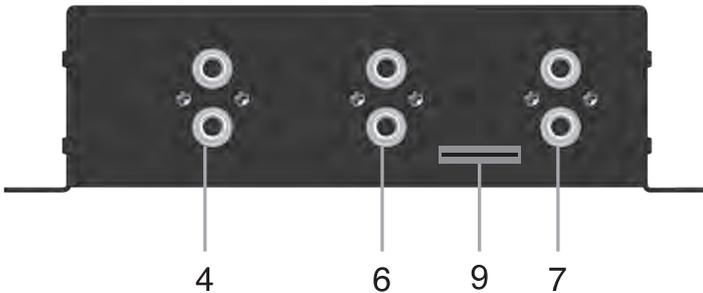
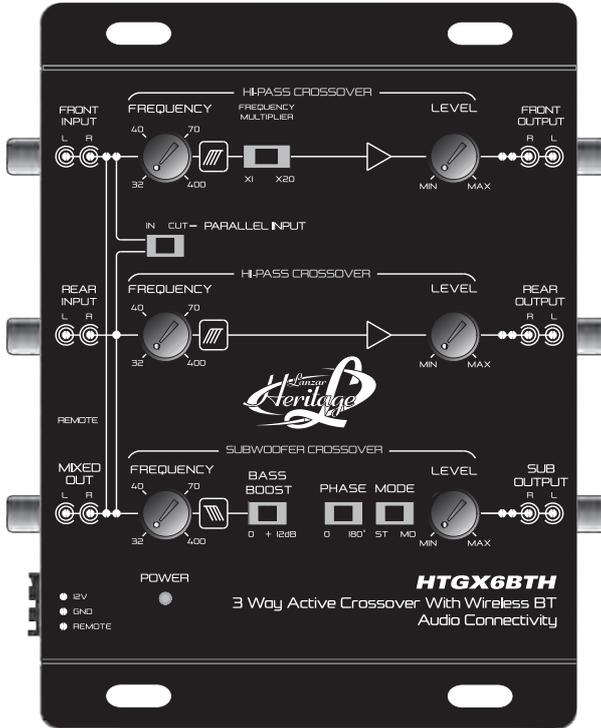
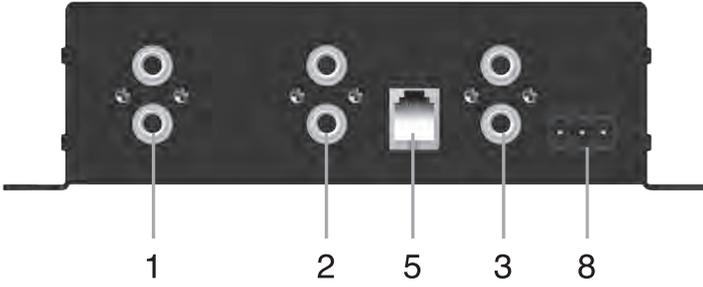
FUNCTIONS



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1. **Power LED:** Red light indicates power **ON**.
2. **Front Channel Highpass Frequency Control:** This detented knob controls the frequency of the front Highpass output from 32-400Hz
3. **Multiplier:** This switch multiplies the Front Channel Highpass Frequency Control from either 32-400Hz (x1) to 600-8kHz (x20).
Switch to the left to multiply (x1) and to the right to multiply (x20).
4. **Parallel Input:** This switch combines the Front and Rear inputs if only one RCA pair is available for signal input. Switch to the left to **PARALLEL INPUT** inputs and to the right to use separate inputs.
5. **Rear Channel Highpass Frequency Control:** This detented knob controls the frequency of the Rear Highpass output from 32-400Hz.
6. **Phase:** This switch allows you to invert the subwoofer phase from 0 to 180°.
7. **Sub Frequency Control:** This detented knob controls the frequency of the Subwoofer output from 32-400Hz.
8. **Bass Boost:** This knob allows for a boost at 40Hz up to 12dB.
9. **Level:** Allows you to control level up to 18dB.
10. **Mode:** Change the subwoofer output from stereo to mono thus facilitating single Subwoofer installations.

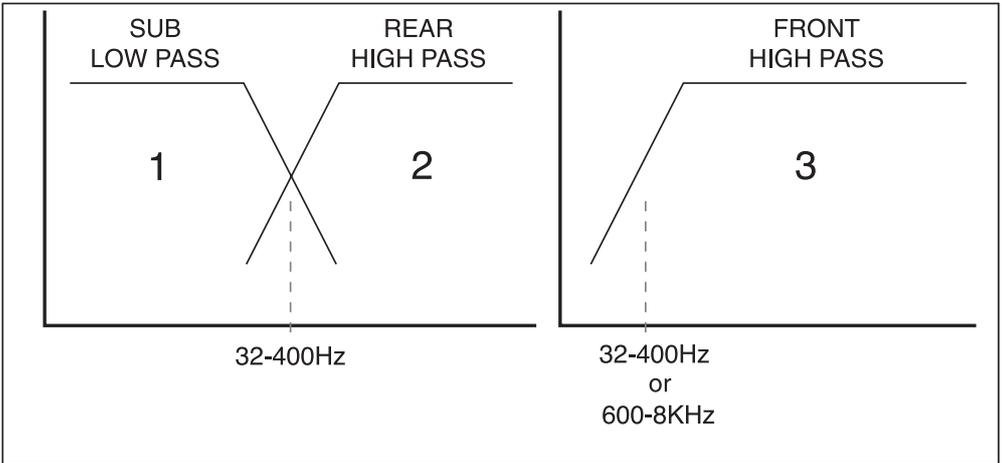
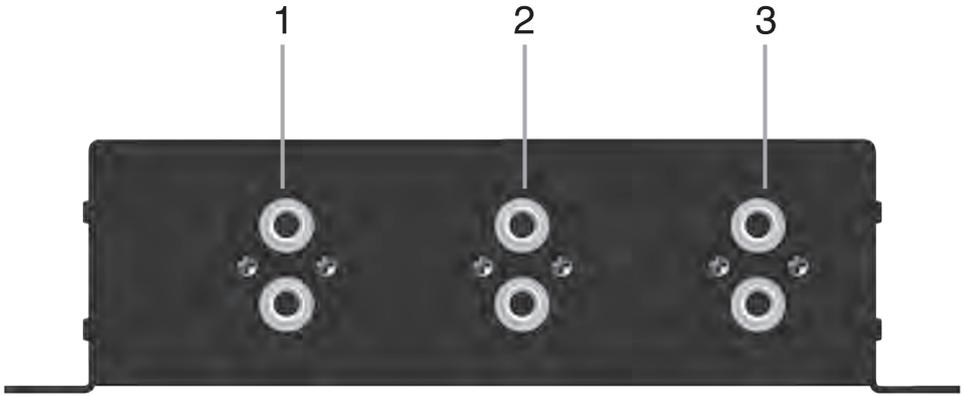
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- 1. Front Input:** Gold plated RCA inputs. Plug in the RCA cables from the Front channel of your radio here.
- 2. Rear Input:** Gold plated RCA inputs. Plug in the RCA cables from the Rear channel of your radio here.
- 3. Mixed Output:** Gold plated RCA inputs. Full range output.
- 4. Sub LowPass:** Gold plated RCA outputs. Run the RCA cable to the Subwoofer amplifier RCA input.
- 5. Remote Sub Level:** Plug the remote sub level control into this jack.
Run the remote sub level control to a position in the passenger area to allow control of the sub level.
- 6. Rear HighPass:** Gold plated RCA outputs. Run the RCA cable to the Rear Speaker or midrange speaker amplifier RCA input.
- 7. Front HighPass:** Gold plated RCA outputs. Run the RCA cable to the Front speaker or tweeter amplifier RCA input.
- 8. Power:** After connecting the Power, Ground and Remote wires to the Power lock connector, plug the connector in here.
- 9. Wireless BT:** BT wireless receiver. Set up Wireless BT Streaming
 - 1.** Make the device you are connecting to visible.
 - 2.** Open Settings.
 - 3.** Select **BT** to **ON**.
 - 4.** Toggle the button and tap Scan to turn on Wireless BT and scan for devices.
 - 5.** Select the device you want to connect to from list "**LANZAR HERITAGE**".

FUNCTIONS



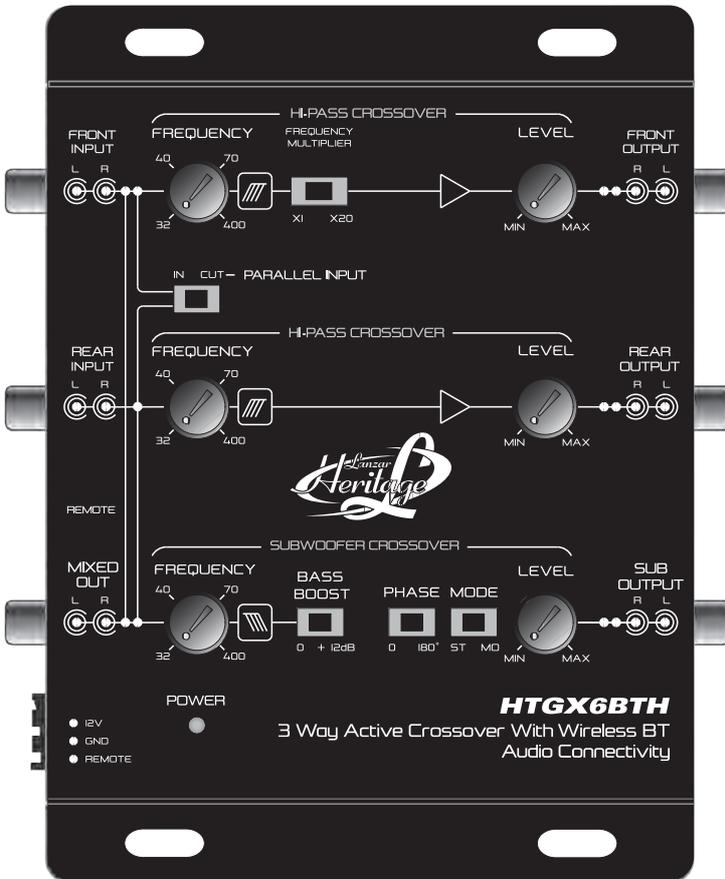
3 way system
with front and rear fader

Mounting

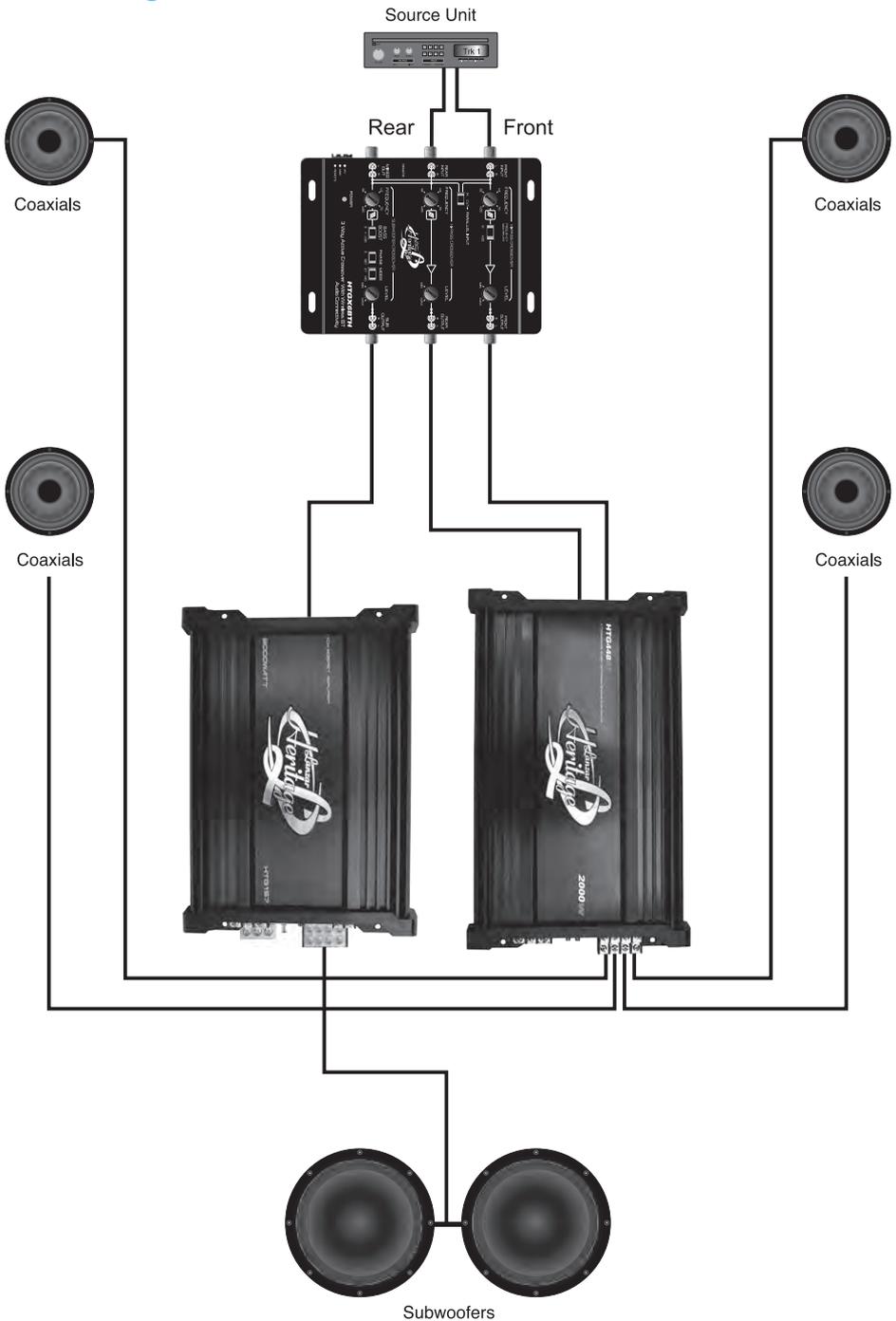
To prevent damage to the crossover while driving, mount it in a secure place. Choosing the appropriate location will depend upon your vehicle and the complexity of your system design. Typical mounting locations for your new crossover include the trunk or passenger compartment (floor or under seat). Never mount the component in a location that would subject it to immersion or exposure to water.

Once a location has been chosen, securely mount the crossover with four mounting screws. Be Careful! Inspect the area underneath to be sure you are not drilling into wires, etc. that could be damaged by the drill bit or screws.

Locations for mounting screws



System Diagram



Troubleshooting

NO SOUND

YES

Check input cables for signal by connecting them straight to the subwoofer amplifier.

ANY SOUND NOW?

YES

Problem is in the crossover. See your local authorized dealer.

Is the LED lit?

NO

Check power and remote turn-on wire for voltage. Make sure ground wire is secure.

Check for open fuse

NO

Problem is elsewhere in the system. Check the head unit and amplifiers.

SOUND IN ONE CHANNEL ONLY

Reverse left and right RCA outputs for one band(i.e. subwoofers).

SOUND IS NOW IN?

OPPOSITE CHANNEL

Reverse RCA inputs.

SOUND IS NOW IN?

SAME CHANNEL

Problem is in the amplifier, speakers or associated wiring of the silent channel.

OPPOSITE CHANNEL

Reverse RCAs at head unit (Check balance control).

SOUND IS NOW IN?

SAME CHANNEL

Problem is in the crossover. See your local authorized dealer.

OPPOSITE CHANNEL

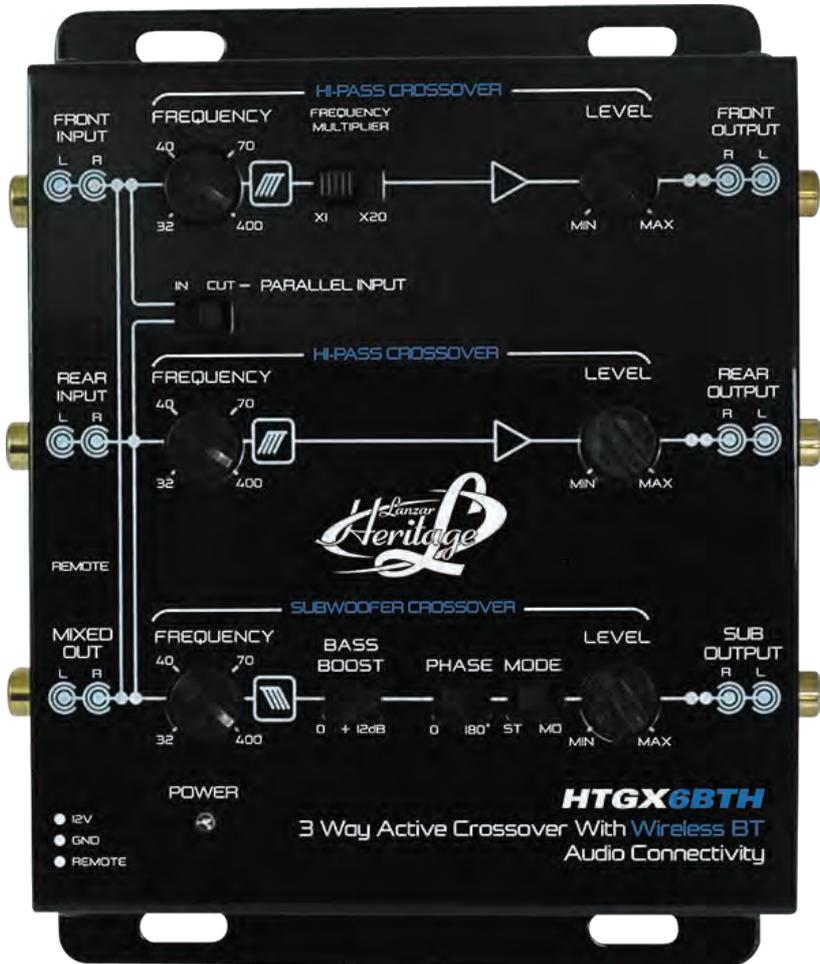
Problem is in the head unit.

SAME CHANNEL

Problem is in the RCA cables.

LOW OUTPUT FROM ONE BAND

Check crossover frequencies for low pass points set higher than high pass points and check gain control on the affected amplifier(s). If low output is still a problem contact your local authorized dealer.



California Prop 65 Warning

⚠️ WARNING:

This product contains Nickel carbonate which is known to the state of California to cause cancer birth defects and other reproductive harm. Do not ingest.

For more info go to: www.P65warnings.ca.gov



Questions? Issues?

We are here to help!

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Email: support@lanzar.com