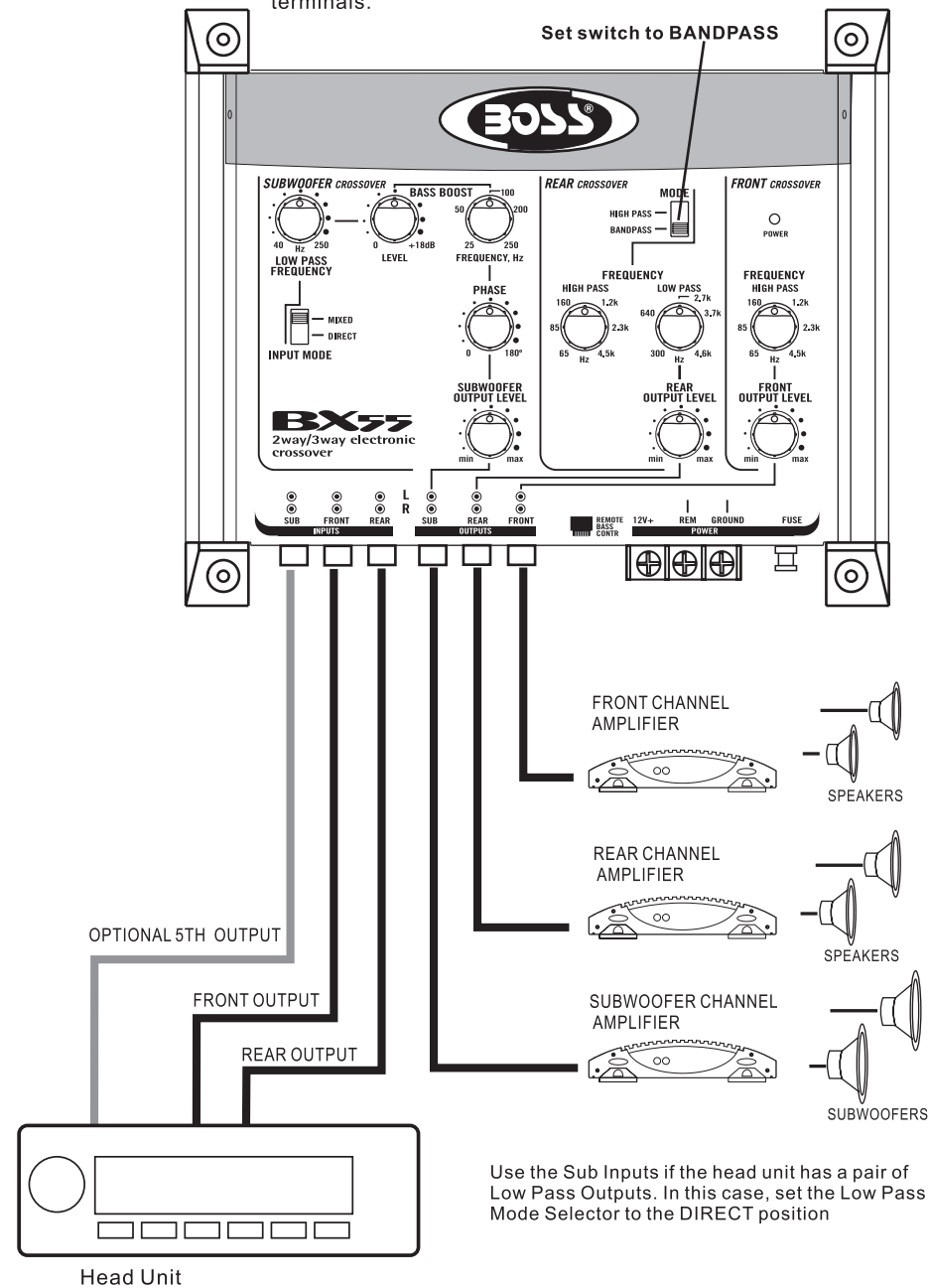


WIRING DIAGRAM: Signal Connection

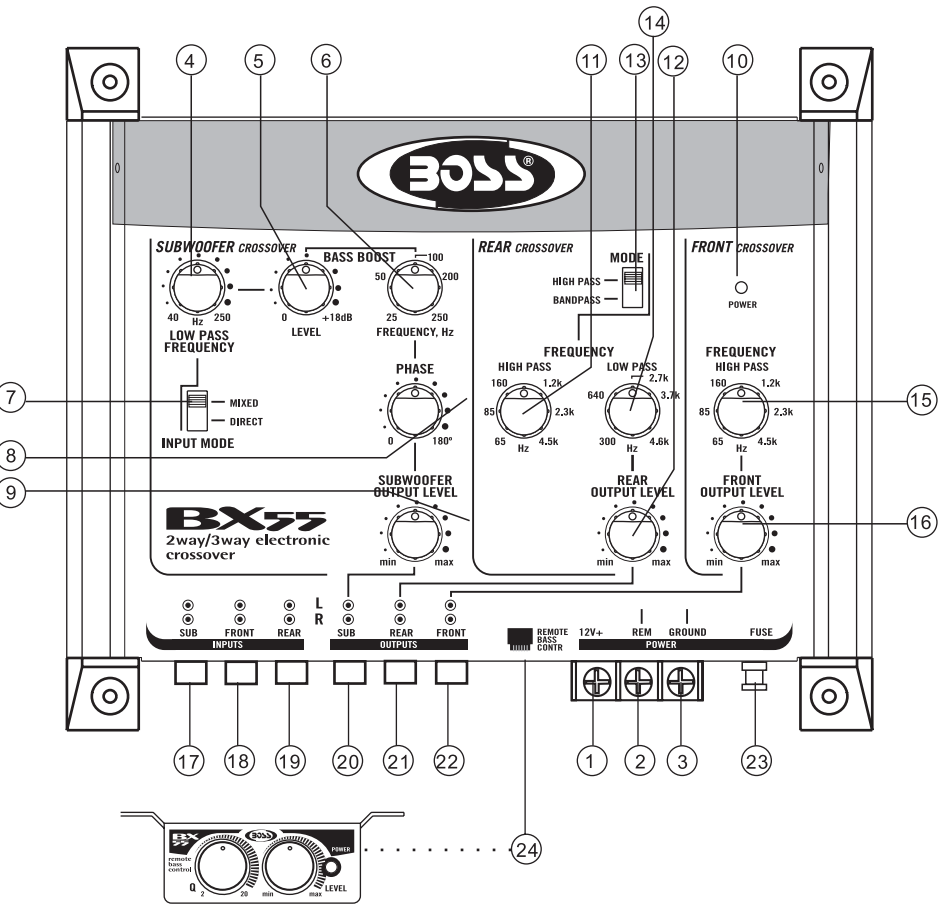
This amp may be used in BRIDGED MODE as well, by simply connecting the woofer across the BRIDGED OUTPUT speaker terminals.



INSTALLATION

1. Find a suitable location in the vehicle to mount the crossover.
2. Bolt the crossover to the mounting surface.
3. Using the screw terminals provided, connect minimum 16 gauge wire from the power, Ground and remote terminals. Connect the shortest possible wire to a chassis ground point. The (+) 12V connection should be made directly to the car battery, and the remote should be connected to the Remote Turn On Lead of your head unit. When connecting directly to the battery, install a 3A Fuse within 18 inches of the battery terminal.
4. Connect all line inputs and outputs using high-quality RCA cables.
5. Recheck all connections before powering up.
6. Set all level controls to their minimum positions and set all crossover controls, switches, etc. To the desired frequency or position.
7. Once the system is powered up, set the volume control on the head unit to a moderate level where your normal speaking voice can be heard while the music is playing.
8. Further fine tuning of the various controls may be necessary to obtain the desired results.
9. When unsure about installation or system tuning, please consult an authorized BOSS AUDIO dealer.

CONTROLS AND OPERATION

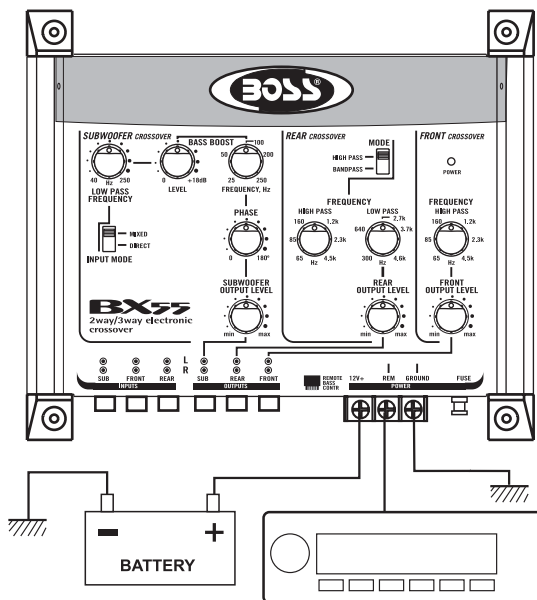


1. Power Terminal (+12V).
2. Remote Turn-On Terminal (REM).
3. Ground Terminal (GND).
4. Subwoofer Low Pass Frequency Control.
5. Bass Boost Level Control (TO +18dB)
6. Bass Boost Frequency Control
7. **Low Pass Mode Switch:** Allows Low Pass Channel to receive signal from either the mix of Front and Rear inputs or from Low Pass Inputs directly (when head unit has appropriate 5th / 6th outputs).
8. **Variable Phase Selector Control:** Use this control to select output phase for the subwoofer channel to provide best time alignment and stereo imaging.
9. **Subwoofer (Low Pass) Output Level Control**
10. **LED Power On Indicator**
11. **Rear Channel High Pass Frequency Control**
12. **Rear Channel Output Level Control**
13. In Triamp System, Converts Rear Channels to Band Pass
14. **Rear Low Pass Crossover Frequency Control**
15. **Front High Pass Frequency Control**
16. **Front High Pass Output Level Control**
17. **Subwoofer Low Pass Channel Inputs**
18. **Front Channel Inputs**
19. **Rear Channel Inputs**
20. **Subwoofer Low Pass Channel Output Terminals.**
21. **Rear Channel Output Terminals.**
22. **Front Channel Output Terminals.**
23. **Fuse**
24. **Subwoofer Remote Level Control Jack:** To be Connected to the remote control for adjusting the output level of subwoofer output. (NOTE: The remote control will adjust to the highest preset setting of the subwoofer low pass gain control.)

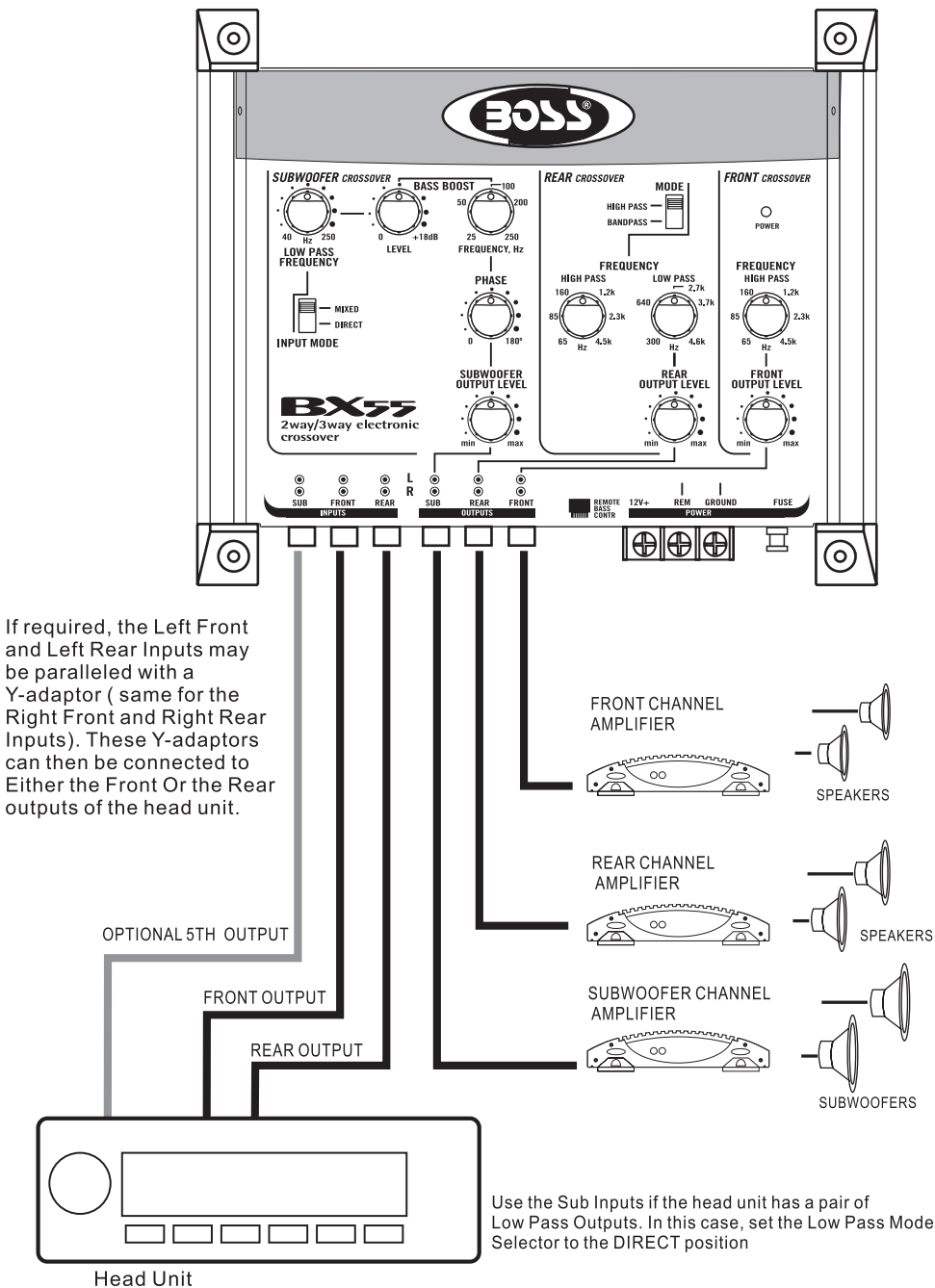
## WIRING DIAGRAM :

### Power connection

- B+ (12V) : Connect a red wire to the car battery or other power source.
- Remote : Connect a Orange wire to remote activating (12V DC) wire of car stereo or equalizer.
- GND : Connect a black wire to the car chassis for ground connection.



## WIRING DIAGRAM: Two Way (BIAMP) Operation



INTRODUCTION

Congratulations on your purchase of a BOSS Audio Systems Electronic Crossover. This product has been designed and built to deliver excellent sound quality and long lasting high performance. We are sure you'll enjoy listening to your favorite music with this BOSS component in your car audio system. For best results please consult a professional car stereo installer for application advice or troubleshooting. To guarantee top performance we recommend using The BOSS Link installation accessories such as RCA interconnects, power cable, and speaker wire. Thank you for choosing BOSS Audio Systems products for your autosound system. We can't change the world, but we can make it sound better.

FEATURES

- Three Way Electronic Crossover
- Silver Pleated RCA and Power Connectors
- Remote On/ Off Power Control
- LED Power Indicator
- Switching Power Supply
- Low-Noise High Slew Rate Audio Grade Op Amps
- Fully Adjustable Low and High Pass Output Levels
- Phase Reverse Volume on Low Pass
- Infinitely Variable Low Pass Crossovers, Rear and Main
- Infinitely Variable High Pass Crossovers, Front and Rear
- Low Pass Mono Channel Selector for mixed or Direct Low Pass Inputs
- Band Pass / High Pass Switch for Rear Channels
- Bass Boost Volume with Variable Frequency Volume.

SPECIFICATIONS

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| Input Impedance                  | Front & Rear: 39K-Ohm, Low Pass: 10K-Ohm                    |
| Maximum Input Level              | 4.5V RMS                                                    |
| Maximum Output Level             | 9V RMS                                                      |
| High Pass Crossover, 12dB/octave | Front: 65Hz-4.5KHz; Rear: 65Hz -4.5KHz                      |
| Low Pass Crossover, 12dB/octave  | Rear: 300Hz - 4.6KHz                                        |
| Low Pass Crossover, 12dB/octave  | Main: 40Hz-250Hz                                            |
| Low Boost                        | 0 to +18dB                                                  |
| Gain Structure                   | Variable, 0 to +6dB                                         |
| Frequency Response, Low Pass     | 5Hz - 4.8KHz, -3dB                                          |
| Frequency Response, High Pass    | F: 65Hz-50KHz, -3dB; R: 65Hz-50KHz, -3dB                    |
| Signal-to-Noise Ratio            | >95dB                                                       |
| THD                              | <0.01%                                                      |
| Dimensions                       | 8 3/4"(W) x 7 1/2"(L) x 1 1/4"(H)<br>(222mm x 165mm x 38mm) |

TROUBLE SHOOTING

|                                           |                                                                                                                        |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Symptom                                   | Possible remedy:                                                                                                       |
| <b>Signal Processor does not turn on.</b> | Check:<br>*Remote Turn-On wire has (+) 12V<br>*(+) 12V wire has (+) 12V<br>*Ground wire is properly connected:         |
| <b>Level of sound is low.</b>             | Check:<br>*Wiring is not loose or cables misconnected/disconnected<br>*RCA cables are not faulty                       |
| <b>Background noise is too high.</b>      | Check:<br>*Wiring is not loose or cables misconnected/disconnected - ground is important<br>*RCA cables are not faulty |

PRECAUTIONS

Enjoy your system, but use it wisely and safely!

- \*Never drive with the volume raised so high you cannot hear what is occurring in traffic around you.
- \* Be ware that repeated exposure to excessive volume levels can permanently damage your hearing!
- \* Keep all electronics away from moisture, dust, extreme heat or extreme vibrations.