

User Manual

XQ-12RB



Introduction

Thank you very much for your trust. Your choice of this product is correct. This product is specially designed for non-destructive installation of car audio, the operation is fast and simple, professional for you to bring exclusive music enjoyment. Please read this manual to familiarize yourself with the various control functions. I hope this product can bring you auditory enjoyment. If you have any problems while installing this product, please feel free to contact your local authorized distributor.

Functional features

This product contains a bass controller circuit that accurately recreates and injects low frequencies into the signal. Which means in everyday terms that this product will give more serious impact to your music.

Graves equalization circuit: this product has a unique equalization circuit that restores graves to your speaker systems.

Remote control for board mounting: this product comes with a remote control for board mounting which allows you to control the level of the product without having to leave the seat. The control has an led indicator. It will become brighter as the graves increase and fainter as the graves decrease.

Bass maximizer indicator: this product not only provides good music to your ears, it also provides visual enjoyment. There are two led indicators on the product chassis.

Subsonic filter switch: this unique feature is legendary in its ability to adjust any system's bass response and to filter out any "noise".

Graves output control: this product has the ability to produce a lot of graves without damaging the speakers.

Control setting of low

The graves response in a system is affected by four factors:

- (1) vehicle acoustics.
- (2) the location of the speakers
- (3) the music fountain
- (4) due to variations in the recording process, we developed this product to help restore the low frequencies lost during the recording process; However, the acoustics of several environments are different.

The scan control allows you to select a central frequency (the most affected frequency) between 27 and 63hz. The "wide" control allows you to control the filter range at the scan frequency.

Specification

Max. Input Voltage: 15V RMS

Max. Output Voltage: 13.5V Peak

Frequency Response: 10Hz-100kHz; +/- 1dB

T.H.D. : 0.003%

S/N Ratio: 130dB

Balanced Input Noise Reject: >60dB

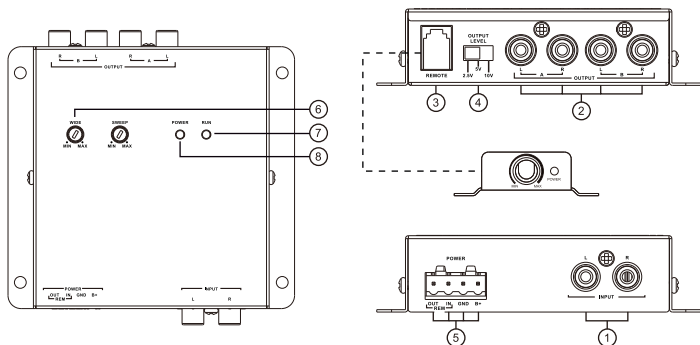
Input Impedance: 10k Ohm

Output Impedance: 150 Ohm

Power Supply: 12.5-14.5V

Recommended Fuse: 1A

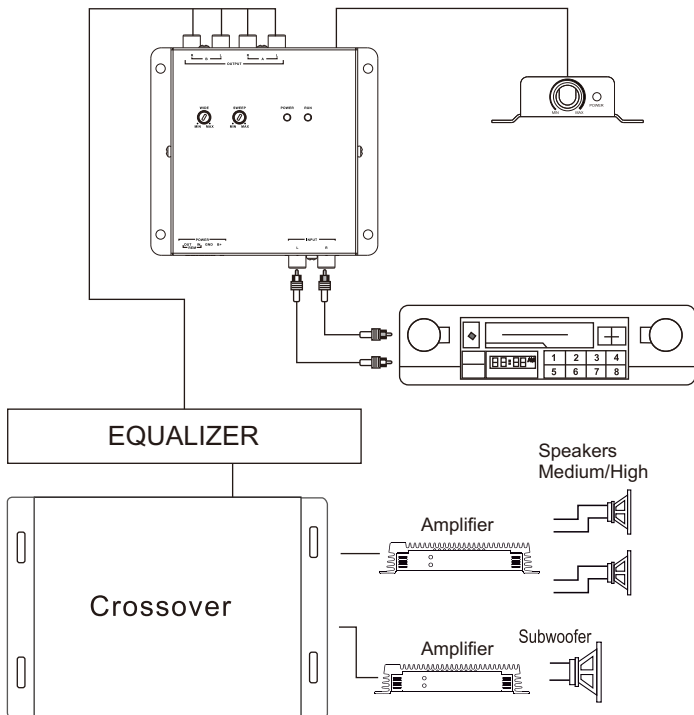
Exterior



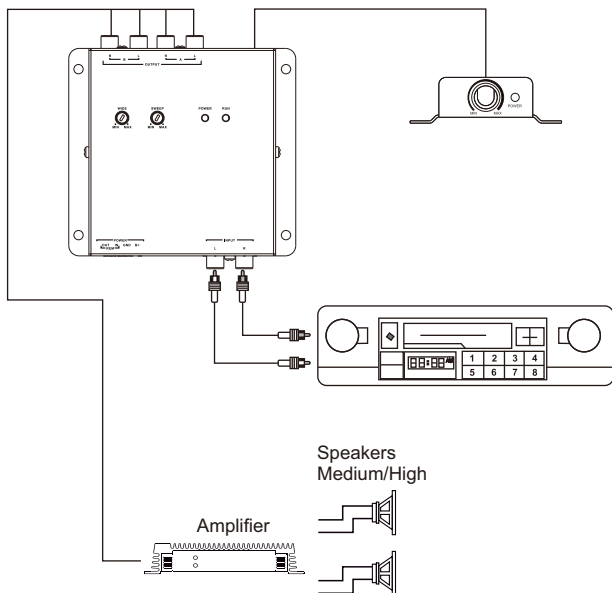
- 1.Inputs: processor inputs use an input circuit
Balanced to help minimize induced noise. They are designed to
Handle very high signal voltages up to 15 volts.
- 2.Outputs: rca connectors must be connected to the next component
After the XQ-12RB , as a crossover, equalizer or amplifier .
Remember, the processor must be connected before a crossover.
- 3.Remote control of the board
- 4.Output selector
- 5.Power connector
- 6.Controls: these two buttons control the bass functions of the product.
Sweep allows you to choose the desired central frequency. The knob
"Wide"adjusts the frequency range that will affect the bass amplifier.
- 7.Graves run maximization indicator: this led indicator lights up
When the maximization circuit is active.
- 8.Power led

Signal connection 1

Note: remember, the XQ-12RB must be connected before an equalizer or crossover



Signal connection 2



A guide to problem solving

1. check and make sure that b + (current + positive) and GND (earth -Negative) are not reversed.
2. check that all power cables are connected correctly and with the appropriate power (11-16 volts).
3. Verify that the fuse is intact."

If you experience a high audible distortion or an output volume Low:

4. Check that the input and output levels are set orrectly, the input must match the source and the output must match the sensitivity of the amplifier.

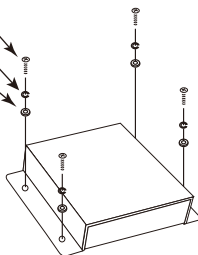
If you experience engine sounds or noises:

5. Verify that the GND (ground) connection is secure, that the cable is not too thin and unnecessarily long."
6. Check that the b + (current) cable is not too thin or unnecessarily long.
7. Change the power source; Try to take the energy from a point different.

Screw

Pressure washer

Flat rondana



NOTE:

Specifications and the design are subject to possible modification without notice due to improvements.