

Audiopipe®



5 BAND

EQ-57MOTO **GRAPHIC EQUALIZER** **TV LINE DRIVER**



OWNER'S MANUAL



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I. INTRODUCTION

Thank you for choosing Audiopipe.

You have made a fine choice of a quality product.

Our EQ-57MOTO equalizer is a truly innovative product with

- superb specifications for audio quality
- lots of features for versatile applications

Therefore please make the best of this top notch device!

Our equalizer stands out from the average not just because of its exclusive physical appearance, but because of outstanding technique with handy features for a wide range of 12 Volt applications.

Please be sure to read all operating instructions and understand all safety precautions before installing and operating your new EQ-57MOTO equalizer.

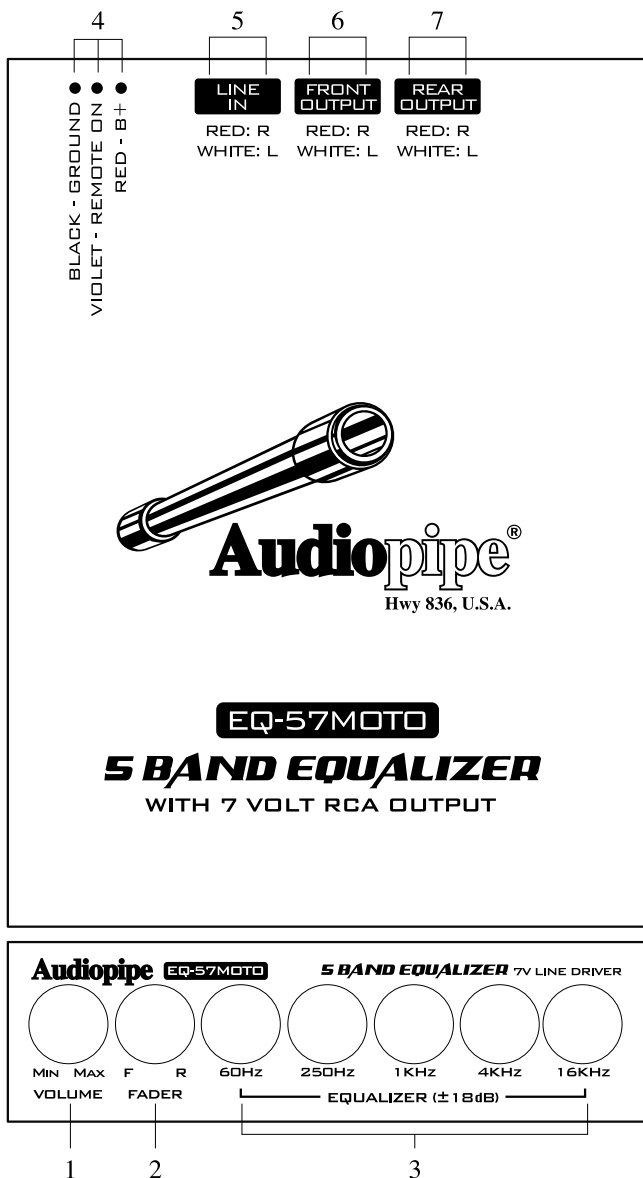
Although our equalizer is easy to install on your own, we recommend you use an Audiopipe authorized dealer for optimum performance of your new unit.

2. FEATURES

The EQ-57MOTO is a 5-band stereo equalizer/crossover specifically created for the mobile environment. The EQ-57MOTO provides powerful features in a compact size:

- Five equalization bands (60Hz, 250Hz, 1kHz, 4kHz and 16kHz), each frequency adjustable from -12 to +12dB.
- Two stereo RCA outputs to drive front, and rear audio amplifiers
- Separate controls for master volume and front/rear fader.
- Extended frequency response from 20Hz to 30kHz with exceptional 100dB signal to-noise performance
- Nickel-plated RCA connectors
- ISO mounting holes and removable trim ring for custom installation

3. CONTROLS



1. Master Volume Control
2. Fader Control
3. Equalizer Gain Controls
4. Power Wires

5. Line Input
6. Front Output
7. Rear Output

4. PRECAUTIONS

- Do not operate this product in ways other than those described in this manual.
- Do not disassemble or modify this unit.
- Do not pour liquid or poke foreign objects into the unit. Water and humidity may damage internal circuitry.
- If the unit becomes wet, turn off all power and ask your authorized Audiopipe dealer to clean or service the unit.

Failure to observe these precautions may damage your car, the monitor, or the video source, and may void the warranty.

5. INSTALLATION

Installation of mobile audio and video components requires experience with a variety of mechanical and electrical procedures. Although this manual provides general installation and operation instructions, it does not show the exact installation methods for your particular vehicle.

If you do not have the required knowledge and experience to successfully complete the installation, consult an authorized Audiopipe dealer about professional installation options.

6. OPERATIONS

Setting System Volume

1. Turn the master volume level control to its minimum setting.
2. Turn the source unit on and increase the volume until you hear distortion.
3. Reduce the volume to just below the distortion point (approximately 80% of full volume).

This is the maximum usable musical signal for the source unit. Turning the volume beyond this point increases noise and distortion without increasing the musical signal.

Note

Once you set the source unit volume, do not change it. Always use the volume control on the EQ-57MOTO as the master (main) volume control. The EQ-57MOTO has better electronics, a higher sound to noise ratio, and is more linear than the volume settings on any source unit available.

Adjusting the controls

The EQ-57MOTO provides a graphic adjustment band for each of five frequency ranges: sub, low, mid, mid-high and high frequency. You can adjust the center of each frequency band to fine tune the acoustical response to your vehicle's interior.

1. Set all frequencies to the center position. The small dot on the control knob should be set at 12 o'clock.
2. Play your favorite music track and adjust the individual controls to suit your taste. Avoid extreme settings, which can distort musical peaks.
3. Increase or decrease the equalizer gain controls to suit your taste.
4. If your system includes rear speakers, adjust the fader control to add rear sound. Set it so most of the music comes from the front and only fills the rear.

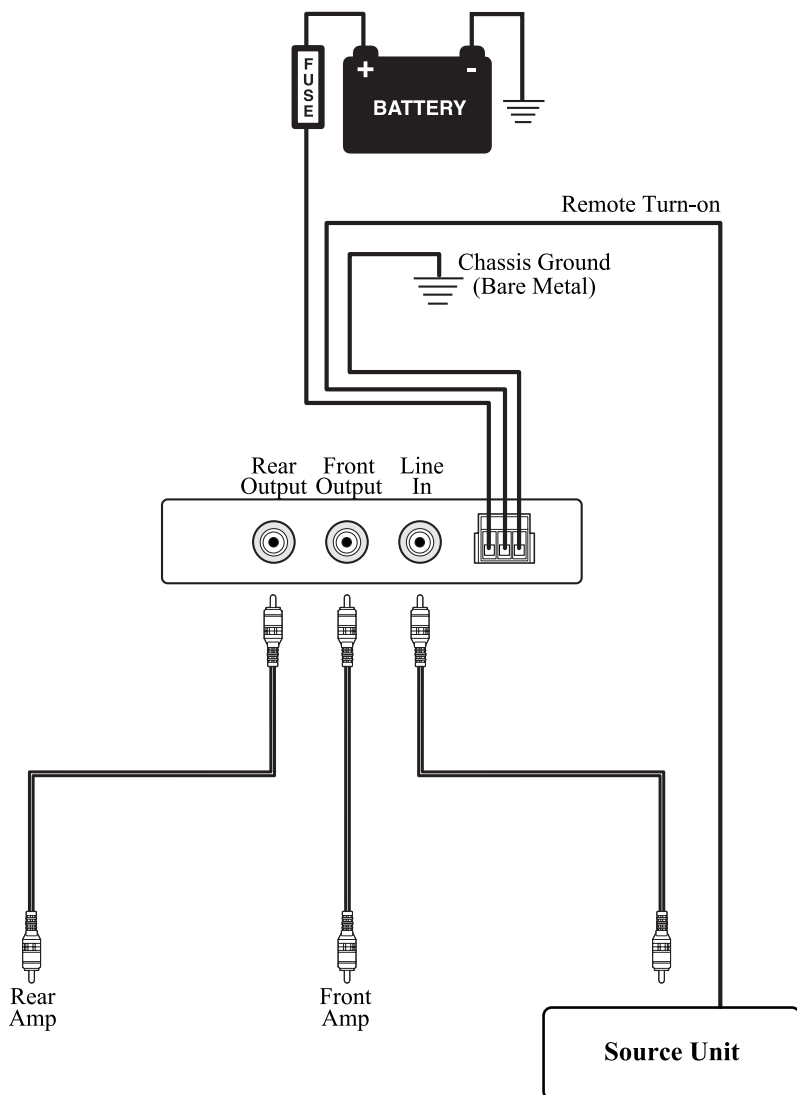
Care and maintenance

Cleaning the cabinet

Use a soft, dry cloth to gently wipe dust and dirt from the unit. Do not use benzene, thinner, car cleaner, or other cleaners. These substances may damage the unit or cause the paint to peel.

7. WIRING DIAGRAM

EQ-57MOTO Wiring Diagram



8. TROUBLESHOOTING

The unit does not work; no lights

The power wires may not be connected. Check the power and ground wiring, then retest.

Sound is distorted

- The source unit volume may be set too high. Reduce the source unit volume.
- Equalizer gain controls are set too high. Turn the equalizer controls to the center position and listen for distortion again. If the problem still occurs, see your authorized Audiopipe dealer.
- Speakers may be damaged. Consult your authorized Audiopipe dealer.

No sound coming from the unit

- No remote-on. Using a voltmeter, check for +12V from the remote-on source.

9. SPECIFICATIONS

Graphic Center Frequencies.....	60Hz, 250Hz, 1kHz, 4kHz, 16kHz
Boost/Cut.....	12dB
S/N Ratio.....	100dB
Frequency Response.....	10Hz-50kHz +/-1dB
Maximum Output Voltage.....	7V
THD.....	0.005%
Input Sensitivity.....	50mV - 3V
Head Room.....	20dB
Input Impedance.....	20kOhms
Output Impedance.....	2kOhms
Stereo Separation.....	82dB/1kHz
Operating Voltage.....	11V-15V negative ground

10. WARNING

Investigate the layout of your automobile thoroughly before drilling or cutting any holes. Take care when you work near the gas tanks, gas lines, hydraulic lines, and electrical wiring. Attach the system securely to the automobile to prevent damage, particularly in the event of an accident. Do not mount the system so that the wire connections are unprotected or are subject to pinching or damage from nearby objects.

The +12VDC power wire must be fused at the battery positive terminal connection. Before making or breaking power connections at the system power terminals, disconnect the +12V wire at the battery end. Confirm your radio/ head unit and/ or other equipment is turned off while connecting the input jacks and speaker terminals. If you need to replace the power fuse, replace it only with a fuse identical to that supplied with the system. Using a fuse of different type or rating may result in damage to this system which is not covered by the warranty.

Disclaimer

***Specifications are subject to change without notice.
For the most updated specifications call Audiopipe,
your local authorized Audiopipe dealer,
or check the Audiopipe website:
www.audiopipe.com***