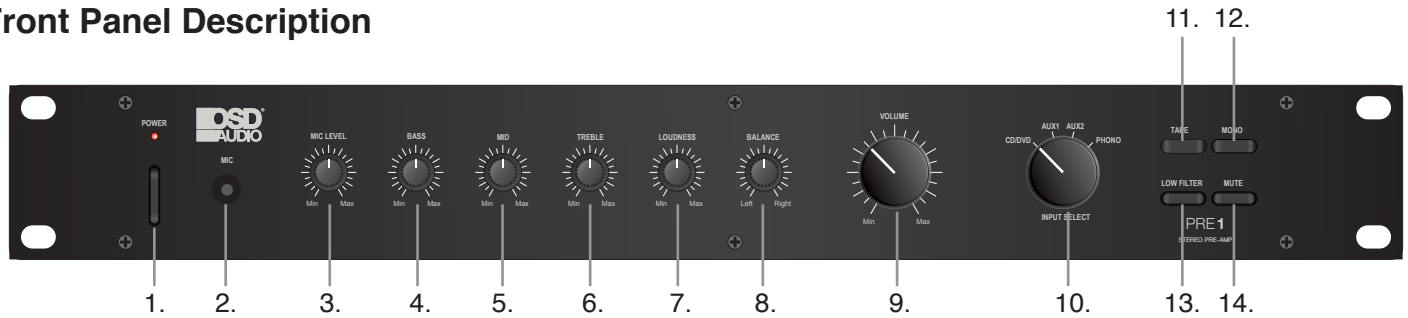




PRE 1

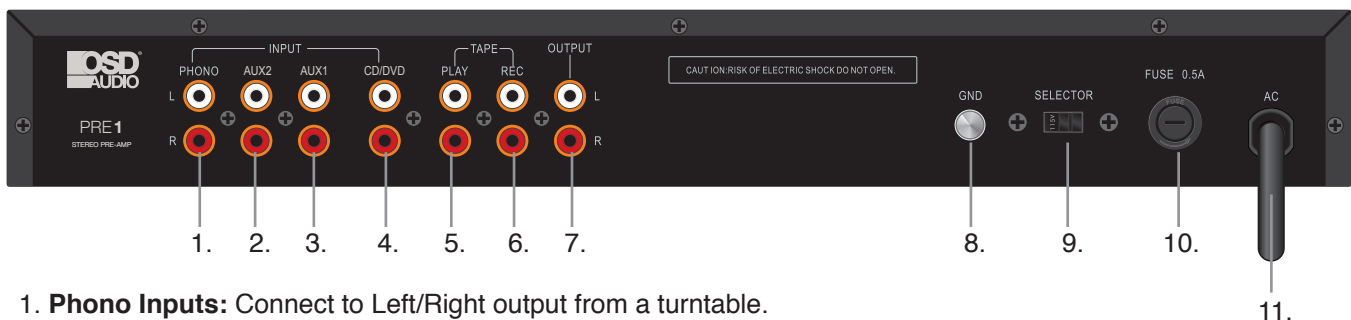
STEREO PRE AMPLIFIER INSTALL GUIDE

Front Panel Description



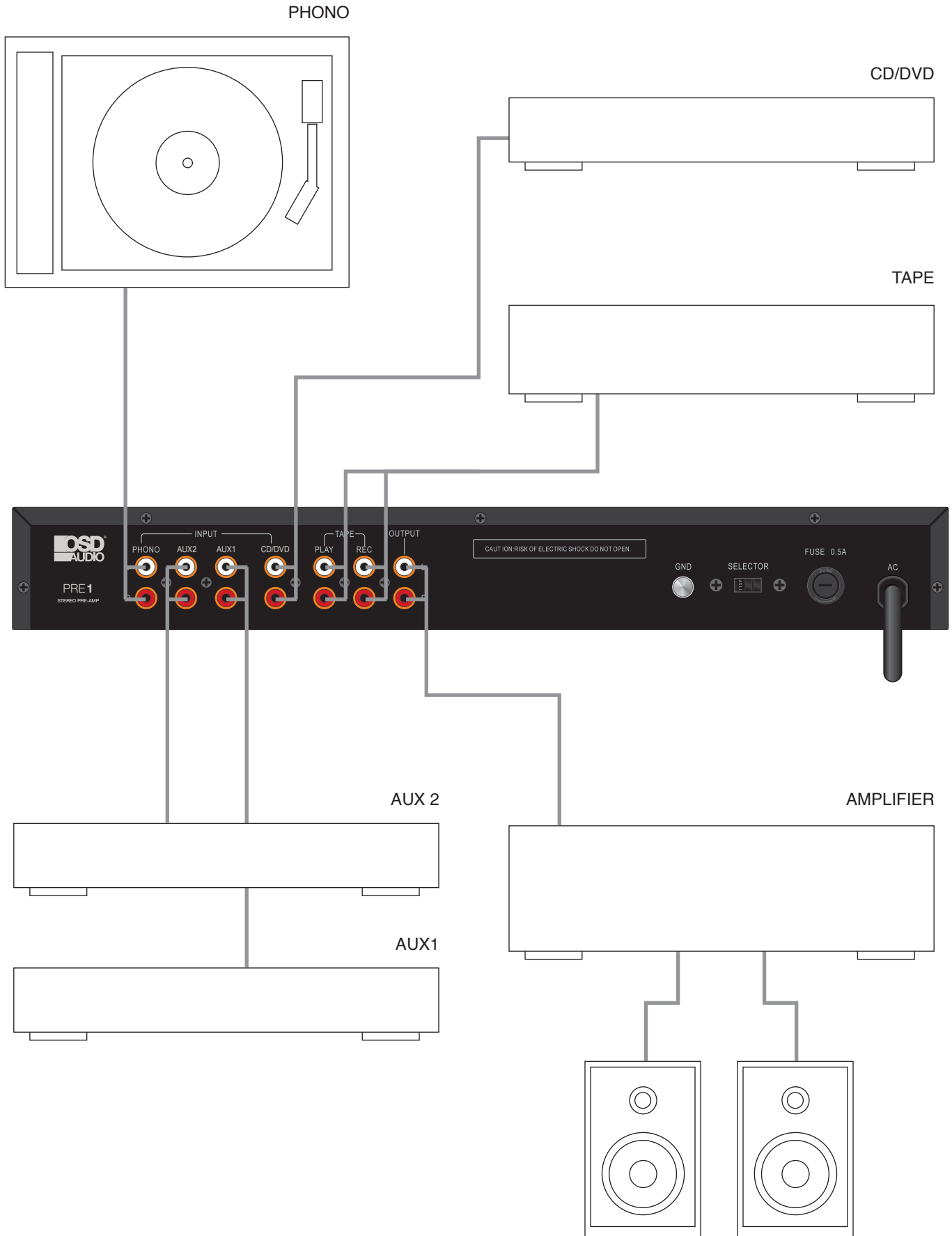
1. **Power ON / OFF**
2. **Microphone Jack Input**
3. **Mic Level Control**
4. **Bass Control:** To boost or attenuate low frequency sound.
5. **Midrange Control:** To boost or attenuate midrange frequency sound.
6. **Treble Control:** To boost or attenuate high frequency sound.
7. **Loudness:** To compensate for the non-linear response of the human ear at low volume.
8. **Balance:** Controls the relative volume between the left/right speakers and headphone.
9. **Master Volume:** Adjusts the main output volume level of speakers and headphones.
10. **Input Selector:** Switch between multiple input sources.
11. **Tape:** Input for an analog tape deck
12. **Mono:** Switch between mono or stereo signal
13. **Low Frequency Filter:** Eliminates low frequency distortion from a turntable or warped record.
14. **Mute:** Reduce the volume level by 20dB. Useful when changing records, tapes or changing sources.

Back Panel Description



1. **Phono Inputs:** Connect to Left/Right output from a turntable.
2. **Aux Input 2:** Auxiliary source input.
3. **Aux Input 1:** Auxiliary source input.
4. **CD/DVD Input:** Connect to Left/Right output from a CD or DVD player.
5. **Tape Play:** Connect to a tape decks output jacks.
6. **Tape Rec:** Connect to a tape decks input jacks.
7. **Output:** Used to connect to a signal processing unit, such as a graphic equalizer or can be connected to a power amplifier with higher output power.
8. **Ground Screw:** Connect the ground wire from a turntable here to avoid hum or feedback from the speakers.
9. **AC Selector:** Switch between 110V-220V AC.
10. **Fuse Holder:** Contains primary AC fuse If fuse blows replace only with the same amperage fuse.
11. **AC Power Cord:** Plug the AC cord into a nearby AC outlet or surge protector.

System Diagram



Specifications

Input Sensitivity/Impedance

Mic	0.5V/600 Ohms
Phono	3mV/47k Ohms
Tape, Tuner, CD/DVD, Aux	150mV/47k Ohms

Output Level/Impedance

Tape Rec	150mV/100k Ohms
Pre Output	500mV/47k Ohms

Total Harmonic Distortion

Mic	less than 0.4%
Phono	less than 0.4%
Tape, Tuner, CD/DVD, Aux	less than 0.2%

Signal to Noise Ratio

Mic	more than 50dB
Phono	more than 70dB
Tape, Tuner, CD/DVD, Aux	more than 80dB

Frequency Response

5Hz - 30kHz +0 -3dB

Tone Control

Bass	± 12dB @ 100Hz
Midrange	± 6dB @ 1kHz
Treble	± 12dB @ 10kHz

Loudness Control

+4/0/+2dB @ 100/1k/10kHz

Power Requirements

AC 120V 60Hz / 220V 50Hz

Dimensions

18.9" x 2.36" x 8.25"

Warranty Information

All OSD AUDIO electronics have (2) year Limited Warranty against defects in materials and workmanship. Proof of purchase must accompany all claims. During the warranty period OSD AUDIO will replace any defective part and correct any defect in workmanship without charge for either parts or labor.

OSD AUDIO may replace returned electronics with a product of equal value and performance. In such cases, some modifications to the mounting may be necessary and are not OSD AUDIO's responsibility.

For this warranty to apply, the unit must be installed and used according to its written instructions. If necessary, repairs must be performed by OSD AUDIO. The unit must be returned to OSD AUDIO at the owner's expense and with prior written permission. Accidental damage and shipping damage are not considered defects, nor is damage resulting from abuse or from servicing performed by an agency or person not specifically authorized in writing by OSD Audio.

OSD AUDIO sells products only through authorized dealers and distributors to ensure that customers obtain proper support and service. Any OSD AUDIO product purchased from an unauthorized dealer or other source, including retailers, mail order dealers and online sellers will not be honored or serviced under existing OSD AUDIO warranty policy. Any sale of product by an unauthorized source or other manner not authorized by OSD AUDIO shall void the warranty on the applicable product.

Damage to or destruction of components due to application of excessive power voids the warranty on those parts. In these cases, repairs will be made on the basis of the retail value of the parts and labor. To return for repairs, you must email customer service at RMA@OSDAUDIO.com for a Returned Merchandise Authorization (RMA) number then the unit must be shipped to OSD AUDIO at the owner's expense, along with a note explaining the nature of service required. Be sure to pack the product(s) in a corrugated container with at least 3 inches of resilient material to protect the unit from damage in transit.

This Warranty Does Not Cover: Damage caused by abuse, accident, misuse, negligence, or improper operation (installation) • Any products that have been altered or modified • Any product whose identifying number of decal, serial #, etc. has been altered, defaced or removed • Normal wear and maintenance.