

Thank you for giving OSD AUDIO the chance to earn your business! We are confident you will find that OSD offers an outstanding combination of performance and value in everything we make. To ensure you get the most out of your new TSM8/ TSM12, please take a moment to read this manual before you get started.

1. Connections

To connect the amplifiers/receivers to the speaker selector, remove the AMP A/B connector by firmly pulling it out of its 8-pole socket. Strip 1/4" of insulation from the end of each wire. Tightly twist the end of each wire until no frayed ends remain. Insert each wire into the appropriate hole on the removeable terminals (matching up the polarity). Use a small screwdriver to tighten each wire into the AMP A/B connector. Insert the connector plug into the socket and lock in place. Be sure not to reverse these connections or the TSM12/TSM8 will not function properly. Follow the same procedure to connect each pair of speakers to the appropriate speaker connector terminal, observing proper channel and polarity. If external volume controls are used, connect speaker wire from the appropriate speaker connector on the TSM12/ TSM8 to the volume control input. Speaker connections can support multiple speaker pairs wired in parallel or series, provided their combined impedance is a minimum of 4 ohms.

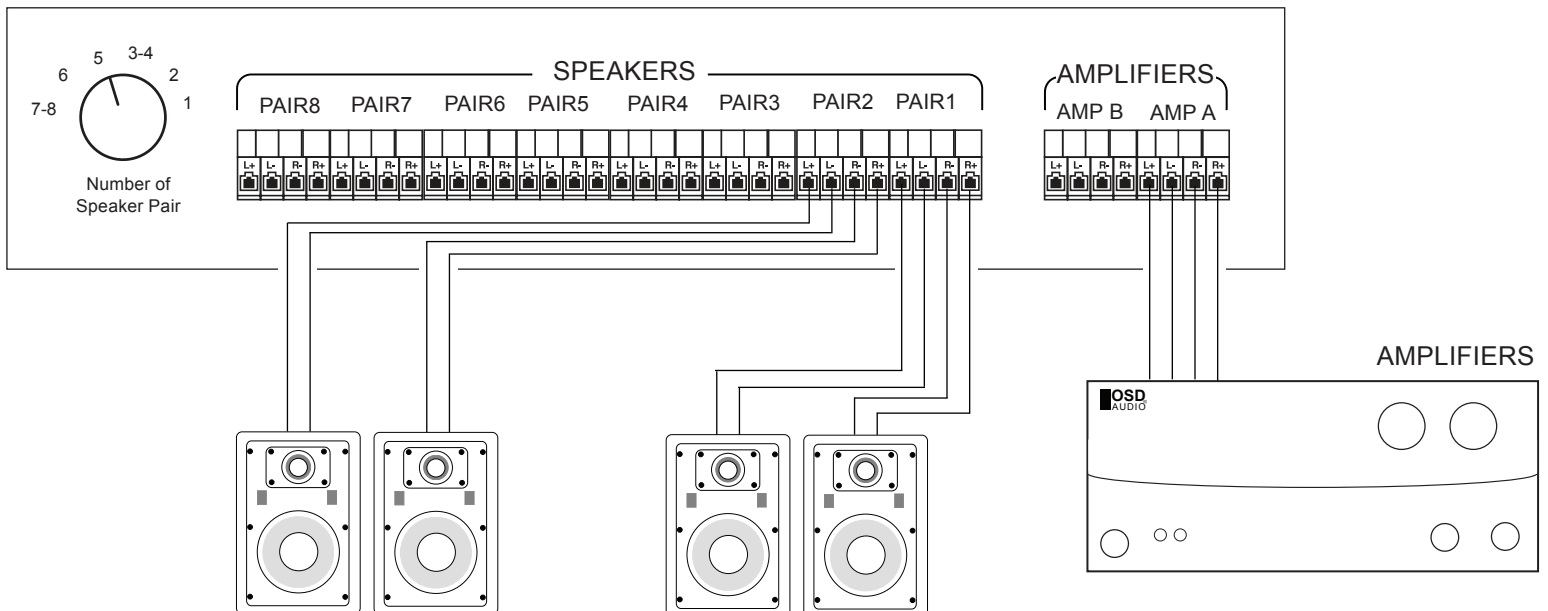
2. Operation

To ensure safe operation of the amplifier, an impedance level must first be selected using the rotary switch labeled speaker pair located on the rear of the unit. This switch should be set to the total number of speaker pairs being connected to the unit. Set the switch based on the following conditions:

- If the amplifier and the speakers are both 4 ohm or 8 ohm, set the rotary switch to the number of pair of speakers connected to the TSM12 /TSM8.
 - If the amplifier is 8 ohm and the speakers are 4 ohm, set the rotary switch to TWICE the number of pair of speakers connected to TSM12/TSM.8
 - If the amplifier is 4 ohms and the speakers are 8 ohms, set the rotary switch to HALF the number of pair of speakers connected to the TSM12 /TSM8.
- After setting the proper impedance level, the speakers can be turned on and off in any combination. Switch between the A and B amplifiers, push the AMP A / AMP B button located on the front panel.

3. Setting System Volume

It is important to properly adjust an impedance-matching system to avoid distortion or DC clipping (DC voltage will be produced from an amplifier that is overworked or that has an improper load). These can cause an amplifier/receiver to go into protection, and can cause autoformers on volume controls to heat up, damaging system components. To set up the system, the amplifier/receiver volume should be at its lowest setting, and the in-wall/selector volume control should be at the highest setting. Slowly adjust the amplifier/receiver volume to a level that is acceptable for the amplifier to produce without clipping.



Listening Zones:	8 (TSM8)	12 (TSM12)
Power:	100 Watts per channels RMS continuous 200 Watts per channel average 300 Watts per channel peak	100 Watts per channels RMS continuous 200 Watts per channel average 300 Watts per channel peak
Dimensions: L x W x H:	17" x 7.1" x 2.9"	17" x 7.1" x 2.9"
Cable Gauge:	Up to 14 Gauge wire	Up to 14 Gauge wire
Warranty:	2 Years	2 Years