



## OSD AUDIO ISS4 Protected Loudspeaker Switcher Owner's Manual

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### ISS4 Protected Loudspeaker Switcher Owner's Manual



ISS4 ISS6 ISS8  
Protected Loudspeaker Switcher  
Owner's Manual

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## ISS4 Protected Loudspeaker Switcher

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 ISS468, please take a moment to read this manual before you get started

### WARNING

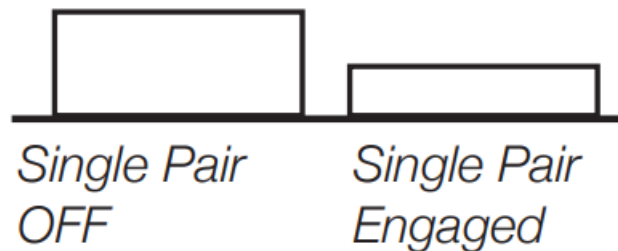
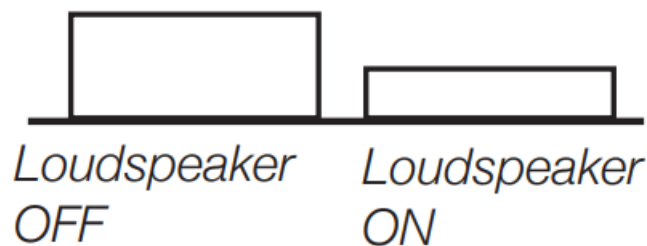
Please read the Manual carefully before operating this unit.

### Front Panel



## Controls

1. Loudspeaker selectors 1 through 8 – press the button in to listen to the desired loudspeakers.



2. Single Pair Direct Switch – impedance protection switches the amplifier/receiver.
3. Connection from amplifier – from the L (left) and (right) loudspeaker output of your receiver or amplifier ( 100 watts MAX )

## Rear Panel



4. Loudspeaker Connections – connections to be made from the QLS8.1 to the desired loudspeakers, with the corresponding selector on the front panel.

### Typical Hook-Up

#### Overview of the typical system

The diagram below shows an overview of a typical system using 8 loudspeaker pairs



### Installation Tips

- 16 or 18-gauge stranded loudspeaker wire is recommended. 14 gauge is recommended for runs longer than 50 feet.
- You can mix any combination of 4, 6, 8, and 16-ohm loudspeakers
- Wire according to local laws. Specific "CL" fire ratings may be required according to your local building codes. Your dealer may know more about obtaining such wire.
- Avoid running close to AC power wiring for safety and to avoid the possibility of picking up any noise.

### Installation



Strip back outer jacket



Strip each conductor 1/4"



Loosen the set screws for each conductor



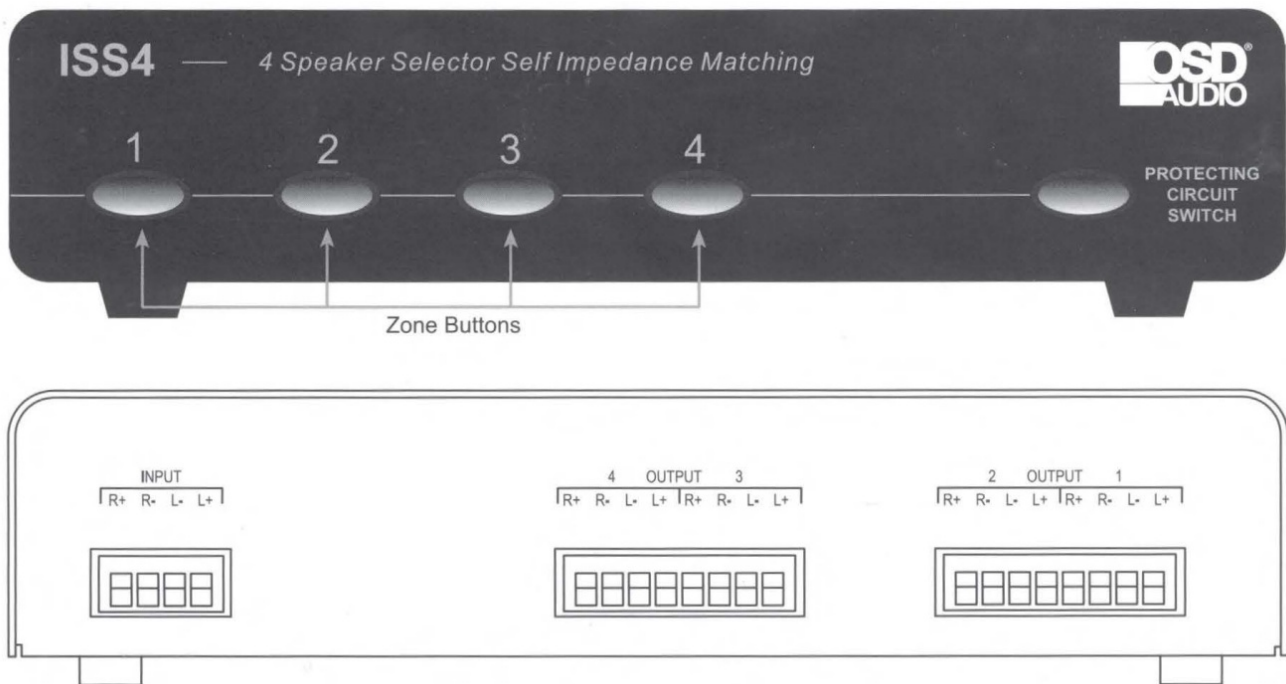
Place one wire at a time and tighten



### ISS4, ISS6, ISSB Speaker Selectors

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## Features



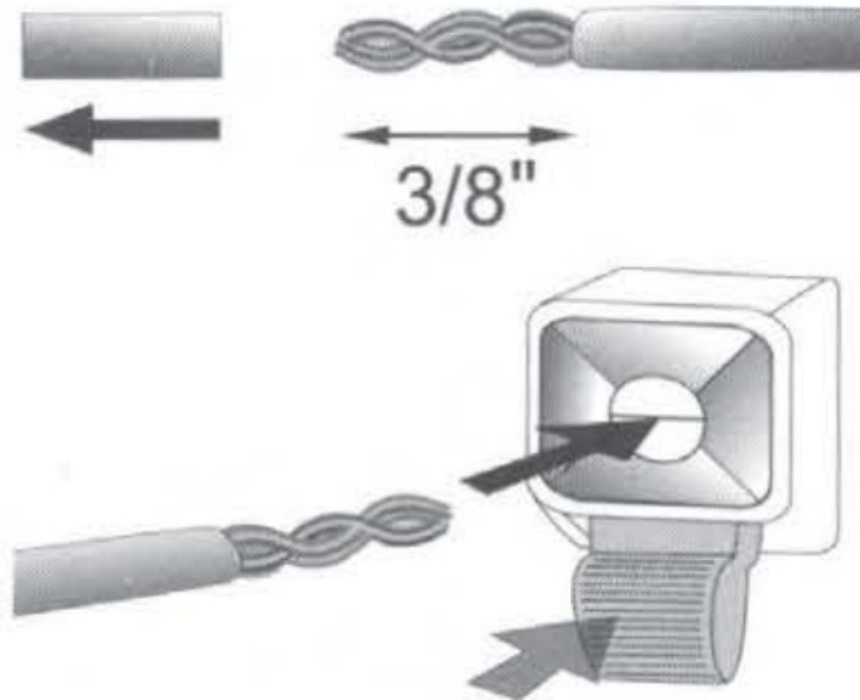
The OSD ISS4, ISS6 and ISSB are low-profile speaker selector boxes that allow you to distribute a stereo highlevel (amplified) signal into multiple zones. All models include a manually activated impedance protection circuit that can be turned ON to prevent the impedance presented to your receiver from dropping below an unsafe level of 5 Ohm, regardless of the number and impedance ratings of your speakers. The protecting switch can also be turned off when used as part of a planned system of impedance matching volume controls, allowing you to get most out of your amplifier. If you are unsure, consult a professional contractor.

### Connecting your OSD Speaker Selector

The terminals on the rear of the speaker selector will accommodate up to 14 gauge cable which will suffice for even long connections (greater than 100 Feet of wire) . For shorter distances, 16- or 18-gauge wire will suffice. For behind-the-wall installations, we recommend using UL Class 3 approved cable (marked "CL3") for compliance with local building codes. When connecting a speaker and amplifier, it is important to retain the correct polarity. To do this, be sure that the wire is attached to the+. red. or positive terminal on the speaker connects to the+. red, or positive terminal on the rear of the selector box. Similarly, the -, black, or negative terminal on the speaker must connect to the respective -, black, or negative terminal on the selector box. Polarity should also be maintained when connecting your amplifier's output to the amplifier on the selector box.

### Connecting Speaker Cables

1. Route the speaker cables from the amplifier and from each speaker zone to the speaker selector.
2. Strip 3/8" insulation from the end of the cable and twist the exposed end to avoid fraying.
3. Press on a "push-pin" terminal to reveal an eye into which the twisted cable is inserted; release the terminal to lock



## Specifications

Listening Zones Protection Circuit High Power Resistors Power Handling with Protection Circuit ON Power Handling with Protection Circuit OFF Dimensions: H x W x D

	ISS4	ISS6	ISS8 J
Listening Zones	4	6	8
Protection Circuit High Power Resistors	2 x 10 ohm/15 watts per channel	2 x 10 ohm/15 watts per channel	3 x 10 ohm/15 watts per channel
Power Handling with Protection Circuit ON	70 watts/channel	70 watts/channel	100 watts/channel
Power Handling with Protection Circuit OFF	140 watts/channel	140 watts/channel	200 watts/channel
Dimensions: H x W x D	218 x 112 x 49 mm 8.5' x 4.4" x 1.93'	433 x 112 x 49 mm 17" x 4.4" x 1.93"	433 x 112 x 49 mm 17" x 4.4" x 1.93"

Never place a speaker selector where it is exposed to excessive moisture or heat. Leave at least 1" of space above the unit for heat dissipation.



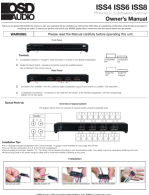
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## Documents / Resources

	<p><a href="#">OSD AUDIO ISS4 Protected Loudspeaker Switcher</a> [pdf] Owner's Manual ISS4, ISS6, ISS8, ISS4 Protected Loudspeaker Switcher, ISS4, Protected Loudspeaker Switcher, Loudspeaker Switcher, Switcher</p>
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## References

-  [OSD | Premium Audio Products | Optimal Speaker Design](#)

Manuals+.