



OSD Audio RSVC4 Audio 4x Speaker Selector INSTALLATION GUIDE

[Home](#) » [OSD AUDIO](#) » OSD Audio RSVC4 Audio 4x Speaker Selector INSTALLATION GUIDE 

Contents

- [1 OSD Audio RSVC4 Audio 4x Speaker Selector](#)
- [2 USE](#)
- [3 CONNECTIONS](#)
- [4 Specifications](#)
- [5 Warranty Information](#)
- [6 FREQUENTLY ASKED QUESTION](#)



OSD Audio RSVC4 Audio 4x Speaker Selector



The RSVC4 is a combination of a speaker selector and volume controller. It allows you to connect different loudspeakers to one amplifier without the risk of overloading. The RSVC4 resolves the impedance problem and controls the volume per pair of speakers. Each speaker pair can be switched on or off with the on/off button. This application is ideal for background music.

• INSTALLATION

The RSVC4 is designed for use in combination with a low-ohm amplifier rated at 2 x 80 W RMS. Any damage caused by use with amplifiers of a higher rating is not covered by the guarantee.

- **IMPORTANT**

DO NOT use the RSVC4 with an amplifier rated higher than indicated.

- **AMPLIFIER IMPEDANCE LOAD**

The more loudspeakers you use per amplifier, the greater the impedance or load. If, for example, you connect two pairs of speakers of standard 8 ohm, the impedance will drop to 4 ohm. The load is then twice as high. If you connect still more loudspeakers, the impedance will drop to 2 ohms. An amplifier like that can deal with 4 ohms of load. At any higher load, there is a real risk of damage. The RSVC4 solves that problem.

USE

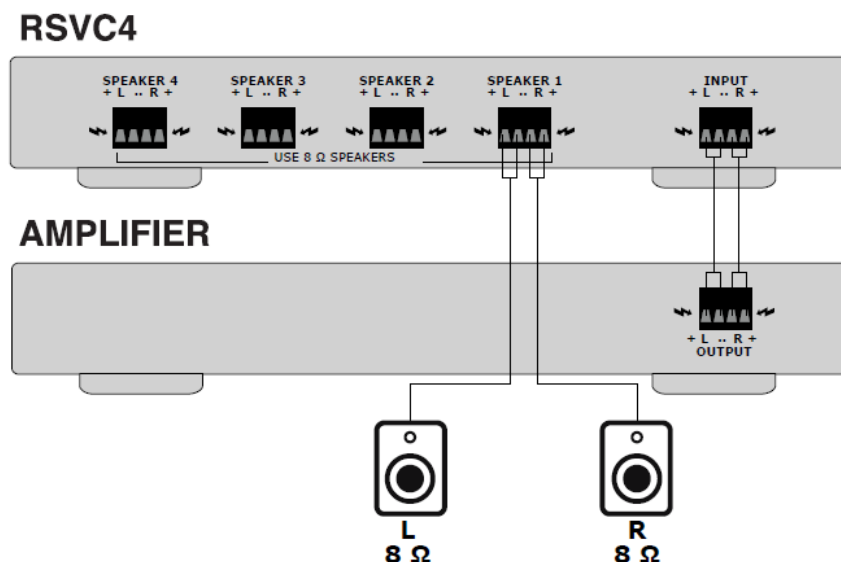
1. Make sure your amplifier is off.
2. Set the volume knob of the speaker pair you plan to connect (e.g. zone 1) to the maximum.
3. Set the corresponding knob (e.g. zone 1) to ON
4. Switch the amplifier on and choose a source
5. Slowly increase the volume of the amplifier until you get the desired sound level.
6. You can now use the RSVC4 to adjust the volume per zone and set accents.
7. You can switch off the loudspeakers by setting the knob to OFF or by turning the volume fully down (knob)
8. Never connect more than 2 speakers per zone output

- **LOUDSPEAKER CABLE TYPE**

We recommend the use of a flexible cable of 0.75 mm – 1.5 mm thickness.

- **PREVENTING INTERFERENCE**

When arranging the cables, keep the RSVC4 several inches away from any existing cables (e.g. electricity).



CONNECTIONS

- Feed each cable into the correct terminal on the rear, red and black
- Trim two millimeters of insulation from the cable before feeding it in. Press on the lug to open it and push the cable in.
- Now release the lug. The cable is fixed in place. The input from the amplifier to the RSVC4 (same cable!) is via

“AMPLIFIER”. Connect the loudspeakers via “SPEAKERS”. The RSVC4 needs NO main current.

- Make sure that positive and negative poles are connected correctly.

Specifications

RSVC4

- 4 Zone Speaker Selector W/ Volume Control
- Volume Control For 4 Sets Of Loudspeakers Resistor Based
- **Max. Power:** 2 X 80w (Input Level)
- **Loudspeaker Output Impedance:** 8Ω
- **Amplifier Input Impedance:** 4Ω
- **Dim. (H X W X D):** 2” X 12.4” X 9.4”
- **Weight:** 4.25lb

Warranty Information

All OSD Audio electronics products have a 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 speakers with a product of equal value and performance. In such cases, some modification to the mounting may be necessary and are not OSD Audios' 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 Optimal Speaker Design 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 another source, including retailers, mail-over dealers, and online sellers will not be honored or serviced under the existing OSD Audio warranty policy. Any sale of a product by an unauthorized source or another manner not authorized by OSD Audio shall void the warranty on the applicable product.

Damage to or destruction of components due to the 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@audiogeargroup.com for a Returned Merchandise Authorization (RMA) number#, and 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 speaker(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 decals, serial #, etc. has been altered, defaced or removed Normal wear and maintenance.

OSD Audio | Brea, CA | osdaudio.com

FREQUENTLY ASKED QUESTION

What is the purpose of the OSD Audio RSVC4 Speaker Selector?

The OSD Audio RSVC4 Speaker Selector is designed to allow you to connect and control multiple sets of speakers with a single amplifier or receiver.

How many speakers can I connect to the OSD Audio RSVC4 Speaker Selector?

The OSD Audio RSVC4 Speaker Selector allows you to connect up to four sets of speakers.

Can I control the volume of each set of speakers independently?

Yes, the OSD Audio RSVC4 Speaker Selector has independent volume controls for each set of connected speakers. This allows you to adjust the volume for each set individually.

Does the OSD Audio RSVC4 support different speaker impedance ratings?

Yes, the OSD Audio RSVC4 Speaker Selector is designed to support speakers with various impedance ratings, typically between 4 ohms and 16 ohms.

Can I connect the OSD Audio RSVC4 to a home theater receiver?

Yes, the OSD Audio RSVC4 Speaker Selector can be connected to a home theater receiver or any amplifier with speaker outputs.

Does the OSD Audio RSVC4 require external power?

No, the OSD Audio RSVC4 Speaker Selector does not require external power. It operates passively, using the power from the connected amplifier or receiver.

Can I use the OSD Audio RSVC4 to switch between different audio sources?

No, the OSD Audio RSVC4 Speaker Selector is specifically designed for switching and controlling multiple sets of speakers. It does not support switching between different audio sources.

Is the OSD Audio RSVC4 suitable for outdoor speaker setups?

Yes, the OSD Audio RSVC4 Speaker Selector can be used with outdoor speaker setups, allowing you to control multiple outdoor speakers from a central location.

Can I use the OSD Audio RSVC4 with bi-wired or bi-amped speakers?

Yes, the OSD Audio RSVC4 Speaker Selector supports bi-wired or bi-amped speaker setups, allowing you to connect and control multiple sets of speakers with these configurations.

Does the OSD Audio RSVC4 have protection circuitry for the connected speakers?

Yes, the OSD Audio RSVC4 Speaker Selector features protection circuitry to prevent damage to the connected speakers and amplifiers in case of short circuits or overload conditions.

Does the OSD Audio RSVC4 support banana plug connections?

Yes, the OSD Audio RSVC4 Speaker Selector has spring-loaded speaker connectors that can accept bare wire connections or banana plugs.

Can I use the OSD Audio RSVC4 with impedance-matching volume controls?

Yes, the OSD Audio RSVC4 Speaker Selector is compatible with impedance-matching volume controls, allowing for more precise control and better audio performance.

Does the OSD Audio RSVC4 have an A/B speaker switching capability?

No, the OSD Audio RSVC4 Speaker Selector does not have an A/B speaker switching capability. It is designed for connecting and controlling multiple sets of speakers simultaneously.

Can I connect the OSD Audio RSVC4 to a powered subwoofer?

No, the OSD Audio RSVC4 Speaker Selector is not designed for connecting powered subwoofers. It is primarily intended for connecting and controlling passive speakers.

Can I mount the OSD Audio RSVC4 on a wall or in a rack?

Yes, the OSD Audio RSVC4 Speaker Selector is designed to be wall-mountable or rack-mountable. It has mounting holes on the rear panel for easy installation.

DOWNLOAD THE PDF LINK: [OSD Audio RSVC4 Audio 4x Speaker Selector INSTALLATION GUIDE](#)