



SS2V70 70V 2-Zone 100-Watt Speaker Selector

P/N 38165

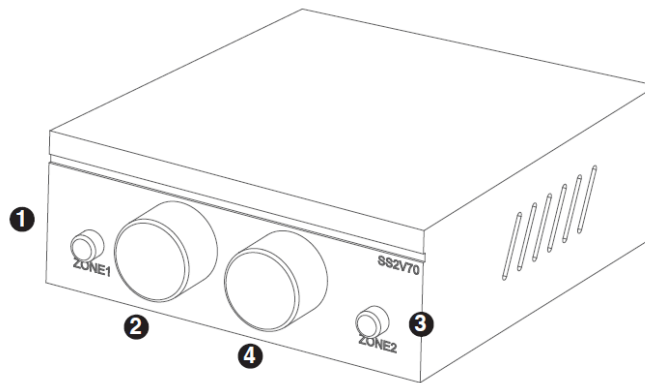
Quick Install Guide

INTRODUCTION

This SS2V70 70V 2-Zone 100-Watt Speaker Selector features two independent mono 70V 100-watt speaker zones, each with its own on/off switch and volume control knob. It has a single 2-conductor input and a pass-through output, allowing multiple speaker selectors to be daisy chained. It supports up to 80 watts of 70V speakers connected to each zone.

PRODUCT OVERVIEW

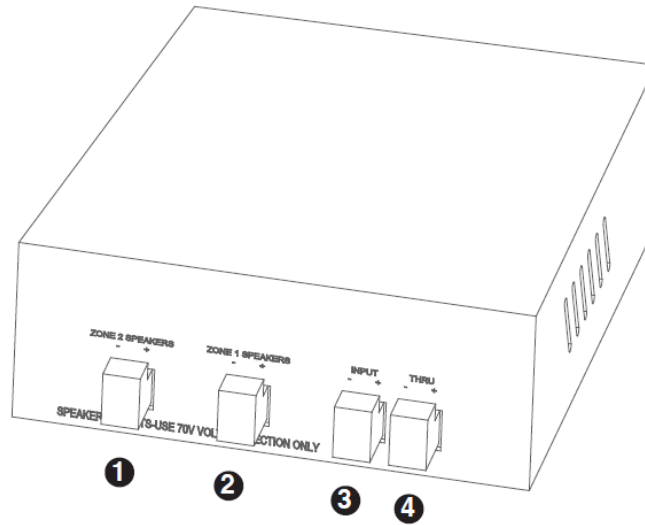
Front Panel



1. Zone 1 On/Off Switch
2. Zone 1 Volume Control

3. Zone 2 On/Off Switch
4. Zone 2 Volume Control

Rear Panel



1. Zone 2 Speaker Output
2. Zone 1 Speaker Output
3. Input From Amplifier
4. Pass-Through Output

POWER RATINGS

Unlike ordinary speaker systems, which require complicated impedance calculations for multiple speaker arrays, constant voltage (70V) systems simply add the wattage ratings of each speaker together. However, unlike ordinary systems that can use their full power output, constant voltage systems can use only 80% of the rated wattage of the amplifier and the connected speaker selector. This speaker selector is rated for 100 watts, so the connected speaker arrays must be equal to or less than 80 watts each. If each speaker is set to 5 watts, for example, you can connect up to 16 speakers in each array.

INSTALLATION

Perform the following steps to connect this speaker selector to your 70V audio system.

1. Power off and unplug the amplifier.
2. Strip about 1/4" of insulation from both ends of three 2-conductor speaker wires, then twist the ends tightly so there are no stray wire strands.

3. Remove the **ZONE 1** terminal block from the rear of the speaker selector.
4. Using a small flathead screwdriver, loosen the two screws in the terminal block.
5. Insert the stripped ends of one end of one of the speaker wires into the terminal block, taking care to match the polarity, then tighten the screws. Ensure that there are no stray wire strands.
6. Connect the other end of the speaker wire to the first speaker in the 70V speaker array, taking care to match the polarity.
7. Insert the terminal block back into the rear of the speaker selector.
8. Repeat steps 3-7 for the second speaker zone and speaker array.
9. Remove the **INPUT** terminal block from the rear of the speaker selector.
10. Using a small flathead screwdriver, loosen the two screws in the terminal block.
11. Insert the stripped ends of one end of one of the speaker wires into the terminal block, taking care to match the polarity, then tighten the screws. Ensure that there are no stray wire strands.
12. Connect the other end of the wire to the 70V and Common terminals on your amplifier, taking care to match the polarity.
13. Insert the terminal block back into the rear of the speaker selector.
14. (Optional) Connect a speaker wire to the **THRU** terminal block on the speaker selector, then connect the other end to the **INPUT** terminal block on a second speaker selector using the same procedure as described above. Repeat as desired.
15. Turn the two **Zone Volume Controls** fully clockwise to the full on position. Ensure that each **Zone On/Off Switch** is in the on position.
16. Set the volume control on your amplifier to the minimum position.
17. Start audio playback, then slowly increase the volume on the amplifier until the volume is at the highest level you will want with no distortion. If distortion occurs, reduce the volume level on the amplifier until distortion can no longer be heard.
18. Reduce the volume controls on the speaker selector to a comfortable listening level. From here on, leave the volume control on the amplifier alone and use the **Zone Volume Controls** on the speaker selector to control the volume levels.

ONLINE SUPPORT

Monoprice is pleased to provide free online support. For order related issues, contact the Customer Service department through the Live Chat link on our website

www.monoprice.com or via email at support@monoprice.com

For technical issues, contact the Technical Support department through the online chat button on our website www.monoprice.com or by sending a message to

tech@monoprice.com

Check the website for support times and links.

SPECIFICATIONS

Model	38165
Frequency Response	20Hz ~ 22kHz \pm 0dB
Power Handling	100 watts per zone
Maximum Usable Speaker Wattage	80 watts per zone
Supported Wire Gauge	16 AWG
Volume Attenuation	33dB, 10 steps plus full off
Attenuation Levels	OFF, 2 steps @6dB, 7 steps @3dB, ON