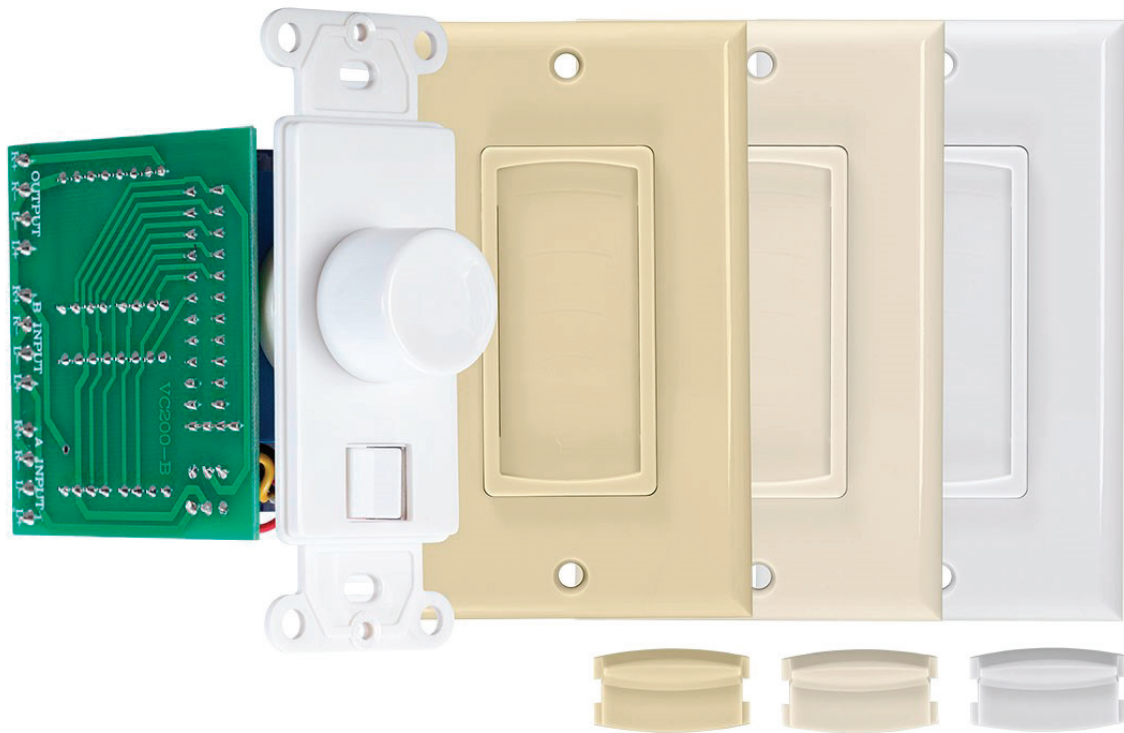




Monoprice™
60W Volume Control with A/B Switch

P/N **38176**
Quick Start Guide

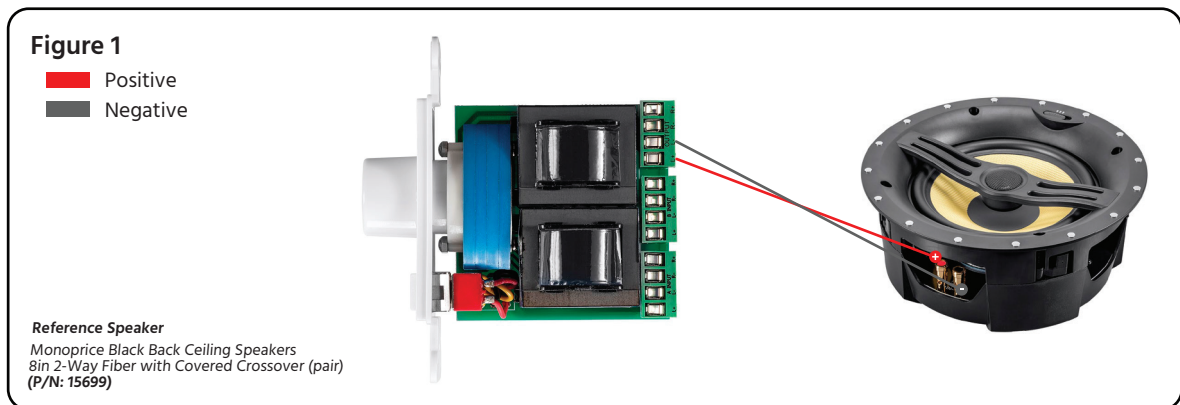
INTRODUCTION

This volume control allows you to route signals from two amplifiers into a single volume controller. Using the A/B selector switch on the panel, you can choose between the signal from Amplifier A or Amplifier B. It is compatible with amplifiers delivering up to 120 watts of output power, and each volume control can only be connected to one pair of speakers.

CONNECTION INSTRUCTIONS

Left Channel Speaker Connection

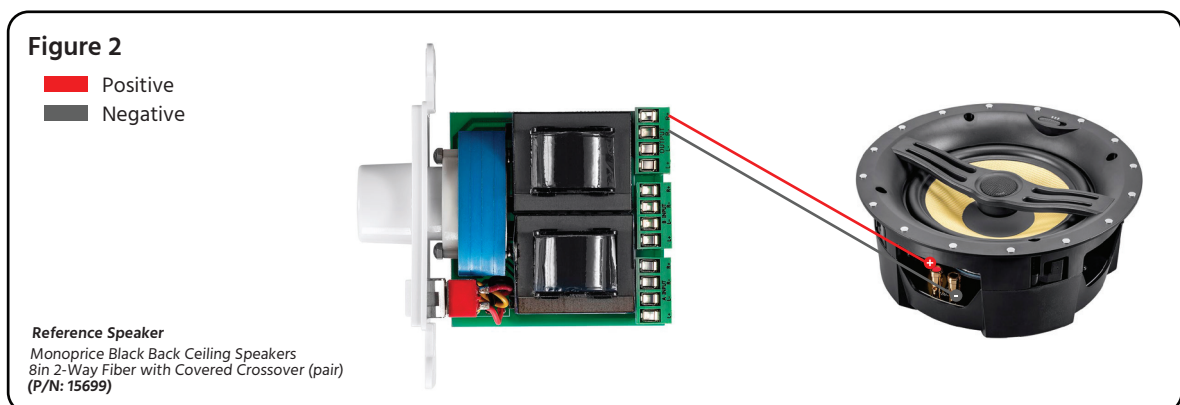
- 1 Connect the left channel speaker wires to the left speaker, noting the wire color or marking used for the positive (+) and negative (-) connections.



- 2 For optimal performance, always use the same wire color or marking for positive and negative connections.
- 3 Connect the other end of the left channel speaker wires to the L+ and L- output terminals on the volume control, ensuring correct polarity alignment. (See Figure 1)

Right Channel Speaker Connection

- 1 Connect the right channel speaker wires to the right speaker, noting the wire color or marking used for the positive (+) and negative (-) connections.



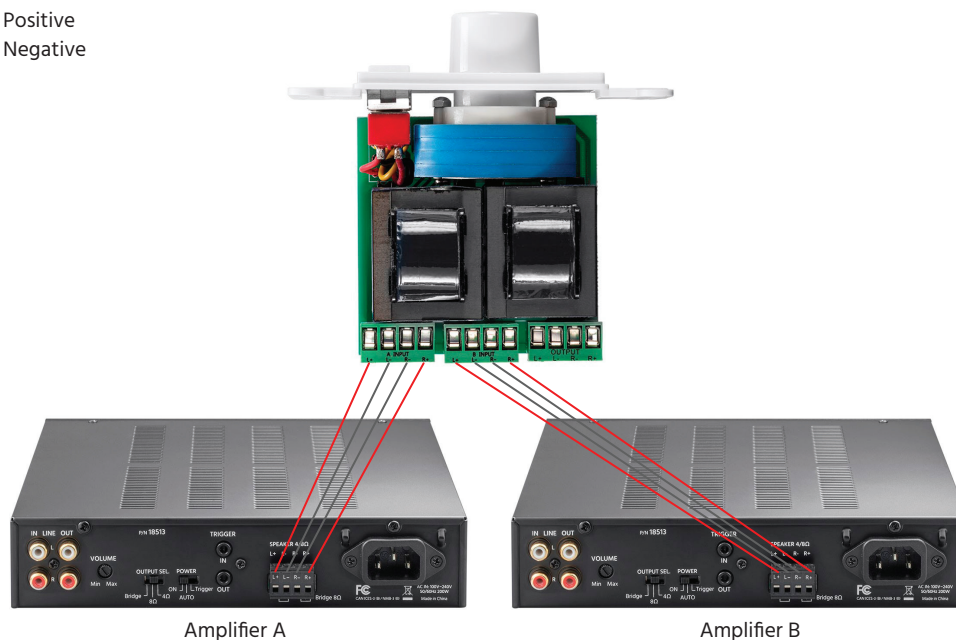
- 2 Connect the other end of the right channel speaker wires to the R+ and R- output terminals on the volume control, ensuring correct polarity alignment. (See Figure 2)

Amplifier Connection

- 1 Connect the left channel amplifier wires to the L+ and L- input terminals on the volume control, noting the wire color or marking used for positive (+) and negative (-) connections. **(See Figure 3)**
- 2 Connect the right channel amplifier wires to the R+ and R- input terminals on the volume control, noting the wire color or marking used for positive (+) and negative (-) connections. **(See Figure 3)**

Figure 3

Positive
Negative



Reference Amplifier
Monoprice Unity 100-Watt Bridgeable Power Amp (P/N: 18513)

Installation

- 1 Insert the volume control into the mounting box, ensuring that no wires are loose, pinched, or short-circuited.
- 2 Secure it in place using the provided screws.
- 3 Attach the volume knob onto the volume control shaft.

SETUP AND CALIBRATION

1. Ensure the amplifier is turned off and unplugged from the power source.
2. Identify the speaker pair that you want to have the highest volume, then turn the corresponding volume control clockwise to the maximum position.
3. If all zones require the same volume level, set all volume controls to the maximum position.
4. Set the amplifier's volume to the minimum level.
5. Plug in and turn on the amplifier. Begin audio playback and slowly increase the amplifier's volume until the desired maximum level is reached in the selected room without distortion.
6. If distortion is audible, reduce the volume until it is no longer present.

TECHNICAL SPECIFICATIONS

P/N	38176
Power Handling (per channel)	Maximum 120 watts, 60 watts RMS continuous power
Minimum Speaker Impedance	4 Ω
Impedance Matching Type	Autoformer-based
Quick-Connect Terminals	4-pole screw-type, compatible with cables up to 12 AWG
Note	12 steps, including off; total attenuation of 48 dB
Frequency Response	20 Hz – 20 kHz, $\pm 1.0/-0.5$ dB at rated power

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