



120-Watt Rotary Resistance Speaker Volume Control

P/N 38168

Quick Install Guide

INTRODUCTION

This 120-Watt Speaker Volume Control features audiophile sound quality, with virtually no high-end or low-end roll-off. It has a non-shorting design, which prevents amplifier damage, and color-coded, right-angle, solderless speaker terminals with easy top termination. It uses a 12-position switch, which offers a total of 36dB attenuation, with Off, two 6dB, seven 3dB, and full on settings. The package includes white, almond, and ivory plastic inserts and knobs.

INSTALLATION

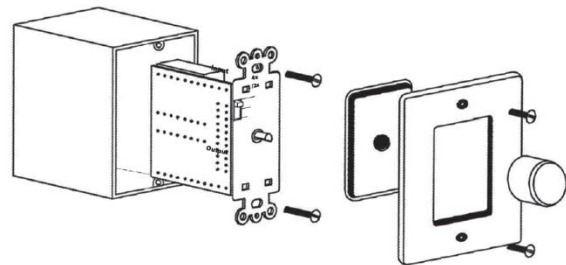
Perform the following steps to install this volume control to your stereo system. These instructions assume that you have already installed the speaker pair and low-voltage mounting bracket at the desired locations.

1. Ensure that the amplifier is turned off and unplugged from its power source.
2. Run an in-wall rated speaker wire from the left-channel speaker to the low-voltage mounting bracket.
3. Connect the wire to the left channel speaker, taking note of the wire colors or markings used for the **positive (+)** and **negative (-)** connections.

For best results, always use the same wire colors or markings for the positive and negative connections.

4. Connect the other end of the left-channel speaker wire to the **L+** and **L- Output** terminals on the volume control, taking care to match the polarity.
5. Run an in-wall rated speaker wire from the right-channel speaker to the low-voltage mounting bracket.
6. Connect the wire to the right channel speaker, taking note of the wire colors or markings used for the **positive (+)** and **negative (-)** connections.
7. Connect the other end of the right-channel speaker wire to the **R+** and **R- Output** terminals on the volume control, taking care to match the polarity.
8. Run an in-wall rated speaker wire from the low-voltage mounting bracket to the amplifier.
9. Connect wire to the **L+** and **L- Input** terminals on the volume control, taking note of the wire colors or markings used for the **positive (+)** and **negative (-)** connections.
10. Connect the wire the left-channel speaker output on the amplifier, taking care to match the polarity.
11. Run a second in-wall rated speaker wire from the low-voltage mounting bracket to the amplifier.
12. Connect the right-channel amplifier wire to the **R+** and **R- Input** terminals on the volume control, taking note of the wire colors or markings used for the **positive (+)** and **negative (-)** connections.
13. Connect the wire the right-channel speaker output on the amplifier, taking care to match the polarity.

14. Install the volume control into the low-voltage mounting bracket, taking care to ensure that the wires do not come loose from their connections or become pinched or shorted.



15. Turn the knob on the volume control fully clockwise to the maximum position.
16. Set the volume control on the amplifier to the minimum level.
17. Plug in and power on the amplifier.

18. Start audio playback, then slowly increase the volume control on the amplifier until the volume level is at the maximum level you will want with no distortion. If distortion can be heard, reduce the volume level until distortion can no longer be heard.
19. Leave the volume control on the amplifier at the set position, then use the installed volume control to set the volume to a comfortable listening level.

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