



# Imagine<sup>®</sup>

**BUFFALO**  
ELECTRONICS, INC.

The Imagine VC-5A is designed with premium grade proprietary autoformers and the highest quality components to reliably deliver smooth superior performance, excellent frequency response and maximum power transfer. Our experienced Engineering Department designs Imagine products to the highest possible standards. Each volume control is visually inspected and 100% electrically tested at our factory to guarantee uniform precision and audio accuracy.

Operating the VC-5A will confirm our attention to detail. The low profile knob turns easily with the feel of a fine instrument, and each switch position changes volume level smoothly without abruptness. A mixture of subtle 1.5dB and 3dB volume steps allow for maximum room control.

The VC-5A *automatically* protects the amplifier, using built-in impedance limiting, for worry free protection today ... and tomorrow. More listening rooms can be added without the need to reconfigure the existing system. Multiple VC-5A volume controls and loudspeakers, up to 32 speaker pairs, can be connected to the amplifier without the need for separate impedance matching devices. (Please refer to the Automatic Impedance Protection Chart for details.)

Imagine volume controls are designed with the installer and decorator in mind. The installer will appreciate the unequaled material quality and ease of installation. For the decorator a superior fit and finish along with an understated control knob design is all part of the Imagine experience. Select Decora<sup>™</sup> or standard wall plates in either white or ivory.

## 50 WATT STEREO VOLUME CONTROL

### PRODUCT FEATURES:

- Automatic Impedance Protection (no adjustments)
- Connect up to 32 speaker pairs
- Handles 150 Watts Music Power
- 1.5 dB and 3 dB steps for maximum room control
- Smooth 11-position soft detent switch for easy accurate level adjustments, includes Off
- Connectors accept 12 gauge speaker wire
- Low profile easy to grip knob
- Superior materials with robust construction
- Include our matching ABS Wall Plate

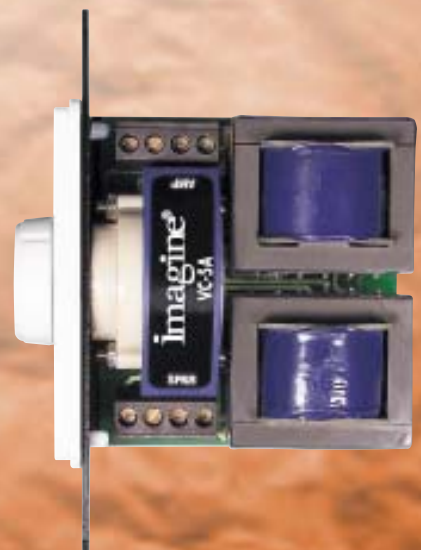
### PRODUCT SPECIFICATION:

- Input Power: 50 Watts RMS continuous (8 ohms)
- Frequency response: 35 Hz - 20 kHz, +0 dB - 2 dB
- Insertion loss: 0.5 dB  
(obtained with superior quality autoformers)
- Isolation: Left and right channels are completely isolated
- Attenuation: Position 1 = off; Positions 2-7 = 1.5 dB, Positions 8-11 = 3.0 dB, Total attenuation = 25.5 dB
- Mounts in any standard electrical box or P-ring
- Approximate shipping weight: 1 Lb



## VC-5A

WITH AUTOMATIC IMPEDANCE PROTECTION





# Imagine

## INSTALLATION INSTRUCTIONS

# VC-5A

50 WATT STEREO VOLUME CONTROL  
WITH AUTOMATIC IMPEDANCE PROTECTION

### MOUNTING REQUIREMENTS:

This unit is wall mounted and can be installed in any standard electrical box or P-ring. Mount the device at the same height as installed light switches for best appearance.

### PREWIRE RECOMMENDATIONS:

For most applications we recommend 12 to 14 gauge stranded copper speaker wire. When running speaker wire inside walls most states and municipalities specify that you must use a special type of speaker wire that is fire rated such as CL-2 or CL-3.

In order to avoid noise, interference and code violations never install low voltage devices inside or near 115-Vac wiring. When running speaker cables stay a minimum of 1 foot away from 115-Vac and telephone lines. You may install a volume control with other low voltage devices such as an IR repeater.

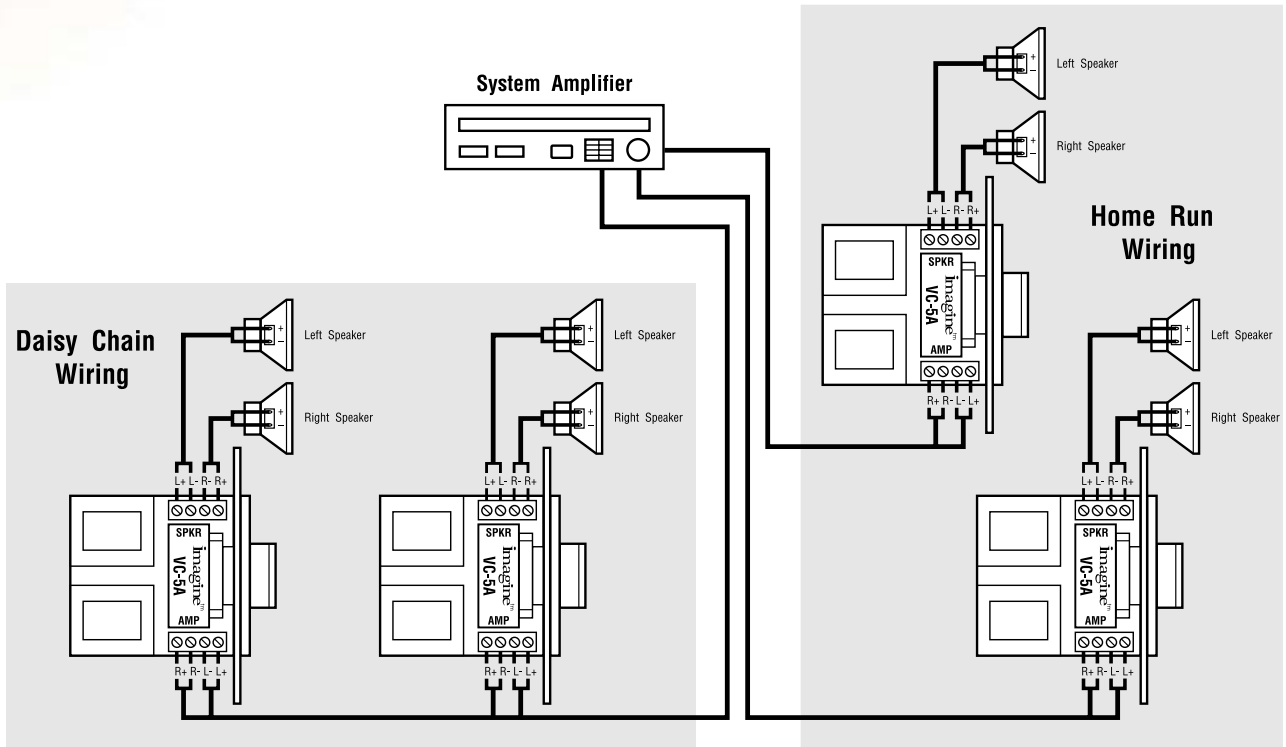
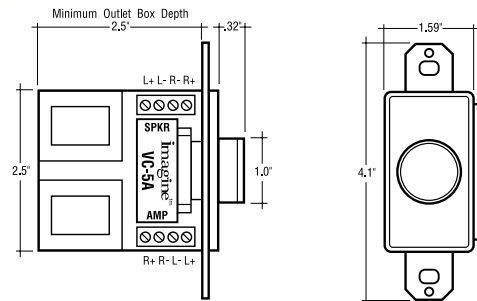
Multiple Imagine volume controls can be installed using home run wiring or daisy chain wiring. We recommend the home run wiring method in case changes or enhancements are required in the future.

### ROOM PLACEMENT:

The volume control should be easily accessible and convenient for the homeowner to operate the system. We recommend mounting the device for easy access near room entries or work areas.

### AUTOMATIC IMPEDANCE PROTECTION CHART

Amplifier Impedance	8-0HM Speakers	4-0HM Speakers
8-0HM Output	4 Pairs	2 Pairs
4-0HM Output	8 Pairs	4 Pairs
2-0HM Output	16 Pairs	8 Pairs
1-0HM Output	32 Pairs	16 Pairs



**BUFFALO**  
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[http:// www.buffaloelectronics.com](http://www.buffaloelectronics.com)

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