

## Limited Warranty

With the exceptions noted in the next paragraph, Vanco warrants to the original purchaser that the equipment it manufactures or sells will be free from defects in materials and workmanship for a period of 2 years from the date of purchase. Should this product, in Vanco's opinion, prove defective within this warranty period, Vanco, at its option, will repair or replace this product without charge. Any defective parts replaced become the property of Vanco. This warranty does not apply to those products which have been damaged due to accident, unauthorized alterations, improper repair, modifications, inadequate maintenance and care, or use in any manner for which the product was not originally intended.

Items integrated into Vanco products that are made by other manufacturers, notably computer hard drives and liquid crystal display panels, are limited to the term of the warranty offered by the respective manufacturers. Such specific warranties are available upon request to Vanco. A surge protector, power conditioner unit, or an uninterruptible power supply must be installed in the electrical circuit to protect against power surges.

If repairs are needed during the warranty period the purchaser will be required to provide a sales receipt/sales invoice or other acceptable proof of purchase to the seller of this equipment. The seller will then contact Vanco regarding warranty repair or replacement.

## Technical Support

Please read this product manual prior to calling or installing this unit, since it will familiarize you with the capabilities of this product and its proper installation.

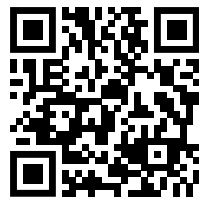
### Vanco Tech Support

Phone: 1-800-626-6445

Email: [techsupport@vanco1.com](mailto:techsupport@vanco1.com)

Web: [www.vanco1.com](http://www.vanco1.com)

**Please have the part number, serial number, and invoice available when requesting support.**



A Vanco Brand



VCRV100 & VCSV100 Manual

## Rotary Knob & Slider 70/100V In-Wall Volume Controls

### Safety Instructions

**For optimum performance and safety, please read these instructions carefully before use and keep this manual for future reference.**

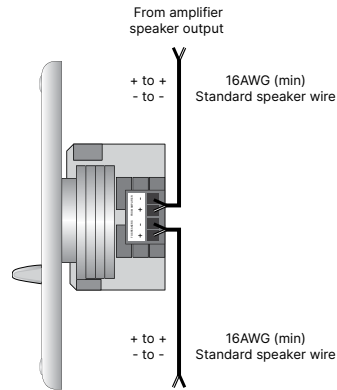
- To prevent electric shock, please ensure that all apparatus is properly grounded.
- Do not expose this apparatus to rain or place it near water. Any liquid that goes into the apparatus may cause a failure, fire, or electric shock.
- Never insert anything metallic into the open parts of this apparatus. This may cause a danger of electric shock.
- If a third-party power supply is used, please ensure that the power supply specifications meet the product requirements.

### Product Specifications

Peak RMS power rating (both)	350W
Continuous RMS power (both)	105W
Frequency response	DC to 500kHz +/- 0.1db
Mounting depth	Rotary: 1.8" (45mm) / Slider: 1.6" (42mm)
Electrical box junction	Single gang junction box
Speaker	70V or 100V (single or multiple speakers)
Connection	Removable screw terminals

## Connection

1. Pull speaker wires through the installed J-box for the volume control.
2. Connect wires from the amp speaker 'OUT' to the 'TO AMP' terminal on the volume control.
3. Strip approximately 1/4" of insulation from each conductor. Twist ends so there are no loose ends that can cause shorts.
4. Insert the bare wires into the appropriate slot. Maintain proper polarity.
5. Tighten each terminal. Pull to test connection.
6. Repeat steps 2-5 to connect speaker wires to the 'TO SPEAKERS' terminal.

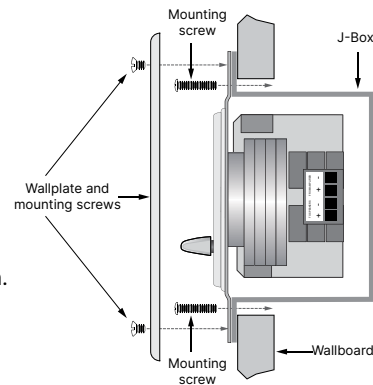


Use the speaker wire gauge table to determine proper wire gauge.

Speaker Wire Gauge Table	
Speaker Wire Length	Speaker Wire Gauge
150ft (46m)	16AWG
400ft (122m)	14AWG

## Installation

1. Mount in an appropriate low voltage J-box.
  - Do not install in a box with 110VAC devices. This may be an electrical code violation in some areas.
2. Carefully slide the connected volume control into the J-box. Do not pinch wires.
3. Secure volume control and wallplate as shown.



## Connecting Multiple Volume Controls

1. Use the same basic instructions for connecting the VCs to speakers as described in 'Connections'
2. Connect all + wires to the + terminal on the amp. Connect all - wires to the - terminal on the amp.
3. Multiple volume controls can be connected, provided amplifier and speakers utilized are matched correctly and are within their power specifications.

