

Sound Acoustics

Premium Residential & Commercial Audio/Video Products

SA-VC10/25/75/100

Commercial 25/70
Volume Controls

Owner's Manual

Introduction

Thank you for purchasing a Sound Acoustics commercial volume control. Sound Acoustics commercial volume controls are easy to install and are specially designed to fit standard single gang electrical boxes. All Sound Acoustics products are designed and engineered to the highest possible standards and provide professional installers with many unique features. Please read this manual to get the most from your Sound Acoustics products.

Package Contents:

- 1. Volume control, cover plate and knob assembly.
- 2. Two mounting screws.
- 3. Removable terminal block connector.

Installation:

- 1. Always ensure the amplifier is unplugged from the AC outlet before connecting or disconnecting any wires to the amplifier, volume control(s), or speakers.
- 2. Run an 18 awg 2 conductor stranded copper speaker wire from the amplifier to the volume control location.
- 3. Remove the volume control terminal block and loosen the 4 screws using a small slotted screwdriver.

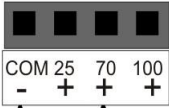
4. Wire Connections:

| AMPLIFIER | VOLUME CONTROL | SPEAKER |
|-----------|----------------|----------------------|
| C | -----AMP - | SPK ----- Com /Black |
| 25V | -----AMP + | SPK + ----- + 25/70V |
| 70V | -----AMP + | |

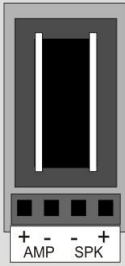
- 5. Use parallel wiring techniques to connect multiple volume controls to a single commercial amplifier. (see diagram below)
- 6. Use parallel wiring techniques to connect multiple speakers to a single volume control.
- 7. NOTE: Never exceed the volume control wattage rating by connecting higher wattage speakers or multiple speakers where the combined speaker wattage ratings exceed that of the volume control. Example: Using a 10 watt volume control: connect 10 commercial speakers with transformers tapped at 1 watt each for a total wattage of 10 watts. Connecting 10 commercial speakers tapped at 5 watts each equals 50 watts. This would overload a 10 watt volume control. The solution would be to use a VC-75.
- 8. Once the parallel wiring connections are made re-connect the terminal block to the volume control.
- 9. Place the volume control in a single gang electrical box and screw it into place using the included mounting screws.

25/70V AMPLIFIER

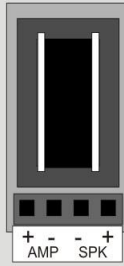
SPEAKER OUTPUT



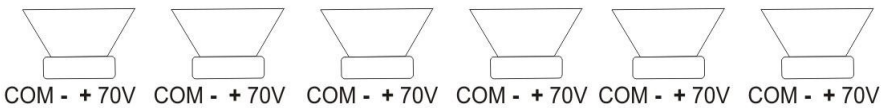
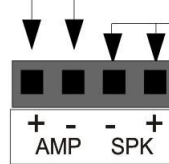
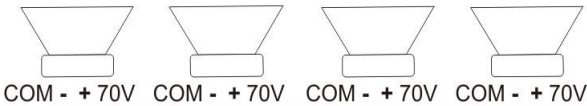
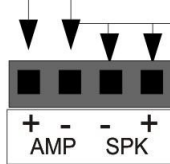
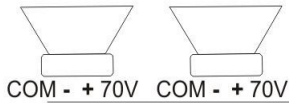
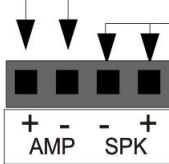
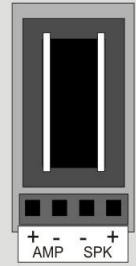
VOLUME CONTROL



VOLUME CONTROL



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Contact Information

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Warranty

Sound Acoustics commercial volume controls are warranted to be free from defects in workmanship and materials for a period of three (3) year without charge for parts or labour. The warranty applies only to the original owner. The owner's responsibilities are to provide proof of purchase and transportation to the dealer the unit was purchased from or transportation to the Sound Acoustics factory. This warranty does not apply to units which have been subject to misuse, abuse, neglect or improper installation, and does not apply to repairs or alterations by unauthorized personnel. This warranty specifically excludes responsibility for consequential damage.

Retention of your dated ORIGINAL BILL OF SALE is required to obtain service under the terms of the warranty.