

FACTOR

— ELECTRONICS —

Premium Residential & Commercial Audio/Video Products

VC10/25

Commercial 25/70
Volume Controls

Owner's Manual

Introduction:

Thank you for purchasing FACTOR ELECTRONICS commercial volume controls. All FACTOR ELECTRONICS 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 FACTOR ELECTRONICS products.

FACTOR ELECTRONICS commercial volume controls are easy to install and are specially designed to fit standard single gang electrical boxes.

Your FACTOR ELECTRONICS volume control includes:

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

Installation:

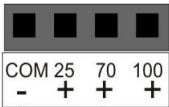
- 1. Always insure the amplifier is unplugged from the AC outlet before attempt connections.
- 2. Run an 18 awg 2 conductor stranded copper speaker wire from the amplifier to the volume control location.
- 3. Remove the volume control terminal block and loosen the 4 screws using a small slotted screwdriver.
- 4. Wire Connections:

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

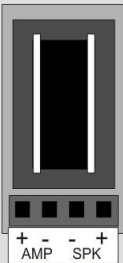
- 5. Use parallel wiring techniques to connect multiple volume controls to a single commercial amplifier. (see diagram below)
- 6. Use parallel wiring techniques to connect multiple speakers to a single volume control.
- 7. NOTE: Never exceed the volume control wattage rating by connecting higher wattage 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. Total wattage 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 into place using the uncluded mounting screws.

25/70V AMPLIFIER

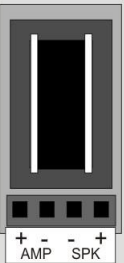
SPEAKER
OUTPUT



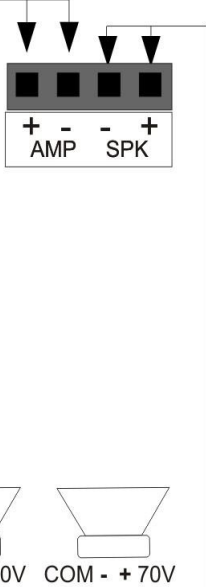
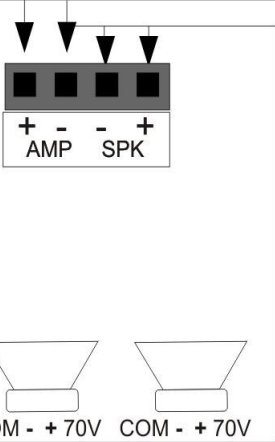
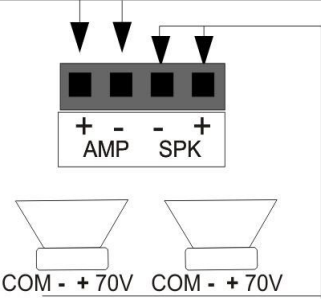
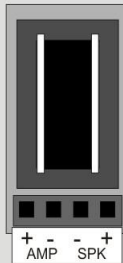
VOLUME CONTROL



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Warranty

Factor Electronics products are warranted to be free from defects in workmanship and materials for a period of ten (10) 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.