

35 WATT, 70 VOLT ATTENUATOR (V-5335005) 75 WATT, 70 VOLT ATTENUATOR (V-5335001) 3 WATT, VOICE-COIL 3.4V ATTENUATOR (V-5335010)

INTRODUCTION

A 70 Volt attenuator may be installed to control the volume of a single speaker or of a group of speakers. It can adjust the speaker output from no output up to the maximum output selected by the speaker power taps.

The Voice-Coil attenuator is used to control the volume of both cone and horn type voice-coil speakers (3.4 Volts).

SPECIFICATIONS FEATURES

- The 35-Watt model is single-gang construction, and the 75-Watt model is dual-gang construction. When installing the attenuators, the included deep electrical outlet box must be used. A standard depth box will not work.
- Voice-coil attenuators are provided in a deep, one-gang electrical outlet box. When installing the gang box and mounting the attenuator in the box, standard industry practices should be followed.

Nominal Specifications

 The 70 Volt attenuators consist of an auto-transformer and a 10-position switch mounted on a steel plate. Two different 70 Volt attenuators are available: 35 Watt and 75 Watt (see Table 1).

Dimensions/Weight

- 35 Watt Attenuator 4.5"H x 2.75"W x 2.25"D (11.43cm x 6.99cm x 5.72cm) 1.0 lbs.(.45 kg)
- **75 Watt Attenuator** 4.5"H x 4.5"W x 2.5"D (11.43cm x 11.43cm x 6.35cm) 1.0 lbs.(.45 kg)







35 Watt

75 Watt

3 Watt

• 3 Watt Attenuator 4.5"H x 2.75"W x 3.0"D (11.43cm x 6.99cm x 7.62cm) .89 lbs. (.40 kg)

INSTALLATION

70 Volt Attenuator

A 70 Volt attenuator must have a power rating that is greater than the sum of all outputs from the individual speakers it controls. For example, if an attenuator is controlling 3 horn speakers and each has an output of 5 Watts, the attenuator rating must exceed 15 Watts (5 + 5 + 5). In this case, the 35-Watt model would be used (see Table 1).

Voice-Coil Attenuator

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There is a limit to the number of speakers that may be controlled by a single attenuator. As a general rule, the limit is 12 cone-type or 3 horn-type speakers per attenuator. When using both horn and cone speakers on a single speaker run, for the purpose of calculating maximum load per attenuator, each horn-type speaker is worth 4 cone types (3 Watts maximum load).

See Figure 1 for wire connections between the amplifier equipment, the speaker(s) and 70 Volt attenuator.

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TECHNICAL ASSISTANCE

When calling, have a VOM and a telephone test set available and call from the job site. Call (540) 427-3900 and ask for PagePac Technical Support, or call (540) 427-6000 for Valcom 24-hour Automated Support or visit our websites at http://www.pagepac.com and www.valcom.com.

Should repairs be necessary, attach a tag to the unit clearly stating company name, address, phone number, contact person, and the nature of the problem. Send the unit to:

Valcom, Inc.
PagePac® Repair Dept.
5614 Hollins Road
Roanoke, VA 24019-5056

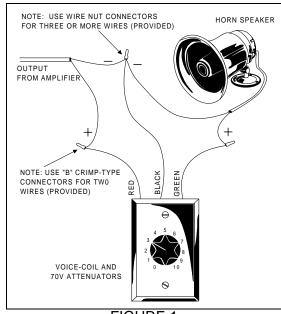


FIGURE 1

Table 1: Attenuator Specifications (70 volt)

Part Number	V-5335010	V-5335005	V-5335001
Power Rating	3 Watts	35 Watts	75 Watts
Type Positions	Auto-Trans 10	Auto-Trans 10	Auto-Trans 10
Attenuation Per Step	N/A	3 dB	3 dB
Total Attenuation	N/A	30 dB	30 dB
Insertion Loss	N/A	0.6 dB	0.6 dB
Mounting Plate	1-gang	1-gang	2-gang

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