

35 WATT, 70 VOLT ATTENUATOR (V-5335005A) 100 WATT, 70 VOLT ATTENUATOR (V-5335001A)

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.

SPECIFICATIONS

Features

- The 35 and 100 Watt models are single-gang construction. When installing the attenuators, a deep electrical outlet box (not included) must be used. A standard depth box will not work.
- 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 attenuators are available: 35 and 100 Watt (see Table 1).

Dimensions/Weight

- **35 Watt Attenuator**
4.50"H x 2.75"W x 2.94"D
(11.43cm x 6.99cm x 7.47cm)
1.0 lbs.(0.45 kg)
- **100 Watt Attenuator**
4.50"H x 2.75"W x 2.94"D
(11.43cm x 6.99cm x 7.47cm)
1.0 lbs.(0.45 kg)



35 Watt

100 Watt

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

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

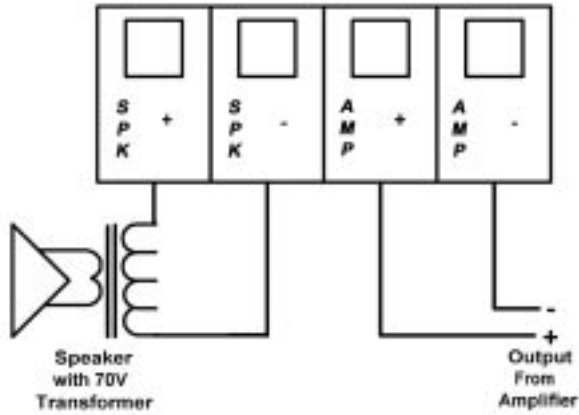


FIGURE 1

TECHNICAL ASSISTANCE

When calling, have a VOM and a telephone test set available and call from the job site. Call (540) 563-2000 and ask for PagePac Technical Support, or call (540) 767-1555 for Valcom 24-hour Faxback System 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

Table 1: Attenuator Specifications (70 Volt)

Part Number	V-5335005A	V-5335001A
Power Rating	35 Watts	100 Watts
Type Positions	Auto-Trans 10	Auto-Trans 10
Attenuation Per Step	3db	3dB
Total Attenuation	27dB	27dB
Insertion Loss	0.6dB	0.6dB
Mounting Plate	1-gang	1-gang