

TECHNICAL ASSISTANCE

When trouble is reported, verify there are no broken connections to the unit. Assistance in troubleshooting is available from the factory. When calling, you should have a VOM and a lineman's test set available and be calling from the job site. Call (540) 563-2000 and press 1 for Technical Support, or visit our website at <http://www.valcom.com>.

Valcom equipment is not field repairable. Valcom, Inc. maintains service facilities in Roanoke, VA. Should repairs be necessary, attach a tag to the unit clearly stating your company name, address, phone number, contact person, and the nature of the problem. Send the unit to:

**Valcom, Inc.
Repair and Return Dept.
5614 Hollins Road
Roanoke, VA 24019-5056**

WARRANTY

Warranty information may be found on our website at www.valcom.com/warranty.

INSTALLATION INSTRUCTIONS FOR

VALCOM

AMPLIFIED TRACK STYLE SPEAKERS



MODEL NO. V-1013B AND V-1014B

VALCOM ONE-WAY AMPLIFIED TRACK STYLE SPEAKERS

Valcom Track Style Speakers, V-1013B (one-watt) and V-1014B (five-watt), are weather resistant, self-amplified and provide voice paging as well as background music. These speakers have externally accessible volume controls that are adjustable by a screwdriver through the hole in the grille and are available in white, black and gray.

Model V-1013B-W	White	Model V-1014B-W
Model V-1013B-BK	Black	Model V-1014B-BK
Model V-1013B-GY	Gray	Model V-1014B-GY

DIMENSIONS/WEIGHT

- **V-1013B**- 5.80" Dia. x 8.80" H (14.73cm Dia. x 22.35cm H)
- 2.5 lbs. (1.13kg)
- **V-1014B**- 5.80" Dia. x 8.80" H (14.73cm Dia. x 22.35cm H)
- 3.1 lbs. (1.41kg)

The V-1013B requires -24VDC, 50mA (1 Valcom Power Unit) and the V-1014B requires -24VDC, 300mA (6 Power Units).

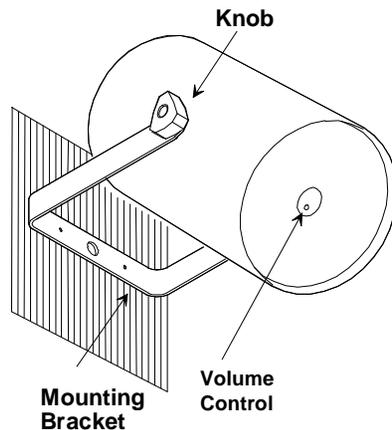


FIGURE 1

Note: *DO NOT connect this speaker directly to a 25/70/100 Volt amplifier as damage to both the amplifier and speaker may occur.*

INSTALLATION

1. Mount the bracket.
2. Remove knobs and mount speaker to bracket.
3. Attach knobs and position at the desired angle. Tighten knobs (See Figure

Typical coverage of these speakers is 600 square feet with good quality paging heard up to thirty feet in front of the speaker. Speakers should be spaced approximately twenty feet apart. The five-watt version is recommended for higher noise level areas.

CONNECTIONS

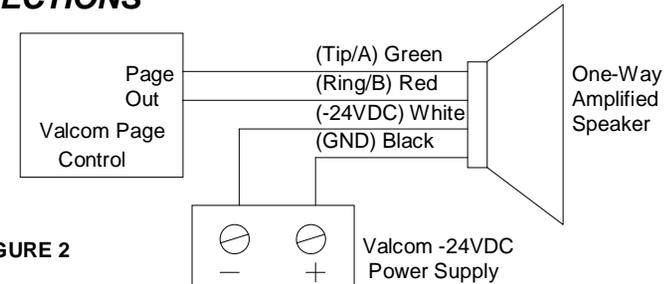


FIGURE 2

Recommended Quantity of Speakers per Specific Power Run

<i>Speakers per Power Run</i>		<i>Wire Run Length (Feet)</i>	
V-1013B	V-1014B	24AWG	22AWG
15	2	250	400
7	1	500	800
3	0	1000	1600

TROUBLESHOOTING CHART

SYMPTOMS	ACTIONS
No audio from speaker	<ol style="list-style-type: none"> 1. Verify volume control is turned up (clockwise). 2. Using a lineman's test set, check for proper audio level at Tip and Ring leads and if necessary at the source.
Low volume from speaker	<ol style="list-style-type: none"> 1. Verify volume control is turned up. 2. Check voltage at the speaker when in use, (-18 to -24VDC required). 3. Using a lineman's test set, check for proper audio level on Tip and Ring leads. It is possible that some low, level audio will be heard with only one side of Tip and Ring connected.
Loud squeal (feedback)	<ol style="list-style-type: none"> 1. Decrease volume of speaker (counterclockwise). 2. Increase the distance between telephone and speaker. 3. Install confidencer on the telephone in severe problem areas.