

## 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**

## WARRANTY

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).

## INSTALLATION INSTRUCTIONS FOR



## AMPLIFIED PENDENT SPEAKERS



**MODEL NO. V-1015B**

## VALCOM ONE-WAY AMPLIFIED PENDENT SPEAKERS

Valcom Pendent Speaker, V-1015B (five-watt), is self-amplified and provides voice paging as well as background music. This speaker has an externally accessible volume control that can be adjusted by a screwdriver through the hole in the grille. It is weather-resistant and available in white, black, gray and custom colors.

Model V-1015B-W	White
Model V-1015B-BK	Black
Model V-1015B-GY	Gray

## DIMENSIONS/WEIGHT

- 5.80" Dia. x 8.80"H (14.73cm Dia. x 22.35cm H)
- 3.2 lbs. (1.45kg)

The V-1015B requires -24VDC, 300mA (6 power units).

**Note:** To expand a 25/70/100 Volt system, add a V-1095 in line before connecting this speaker or damage to both the amplifier and speaker may occur.

## INSTALLATION

The V-1015B Pendent Speaker is designed to be suspended from a ceiling using the enclosed chain. The chain is not attached to the ring at the top of the speaker to prevent damage to the speaker's finish during shipping. To install the chain, open the link on the end of the chain and loop the link through the ring located on the top of the speaker and close the link. Make sure the chain is securely fastened to the ceiling.

**NOTE:** An additional 6 feet length of chain is available. Order Part Number V-1093-BK.

The area covered by a pendent speaker is determined by the suspended height of the speaker.

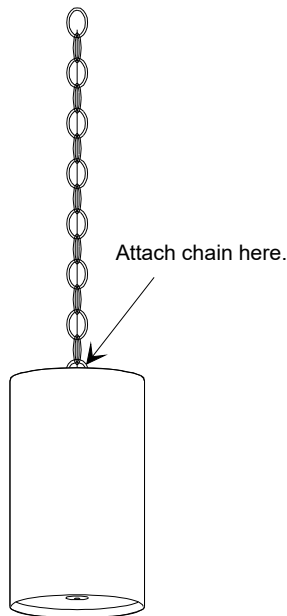


FIGURE 1

Suspended Height	8	10	12	16	20
Spacing	16	20	25	30	35
Approximate Coverage	250	350	500	800	1000

## CONNECTIONS

**Note:** The cable is for electrical connections only. Under no circumstances should the speaker be suspended from this cable.

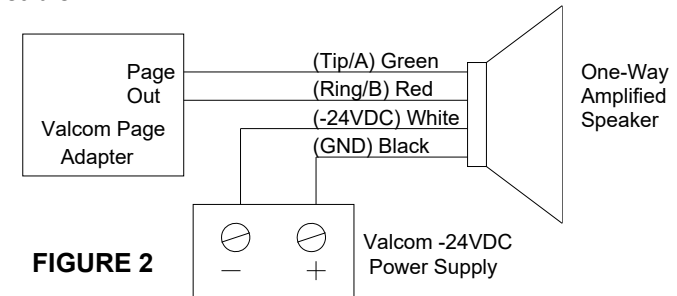


FIGURE 2

## Recommended Quantity of Speakers per Specific Power Run

Speakers per Power Run	Wire Run Length (Feet)	
	24 AWG	22 AWG
V-1015B		
2	250	400
1	500	800
0	1000	1600

## TROUBLESHOOTING CHART

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