

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 ask for Technical Support, or call (540) 767-1555 for Valcom 24-hour Faxback System 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**

VALCOM LIMITED WARRANTY

Valcom, Inc. warrants its products to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. The obligation under this warranty shall be limited to the replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Valcom, Inc. indicates the validity of the claim,
2. the defect is not the result of damage, misuse, or negligence after the original shipment,
3. the product has not been altered in any way or repaired by others and that factory sealed units are unopened (A service charge plus parts and labor will be applied to units defaced or physically damaged),
4. freight charges for the return of products to Valcom are prepaid,
5. all units 'out of warranty' are subject to a service charge. The service charge will cover minor repairs (Major repairs will be subject to additional charges for parts and labor).

This warranty is in lieu of and excludes all other warranties, expressed or implied, and in no event shall Valcom, Inc. be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation, or use of the product.

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.

Headquarters:
Valcom, Inc.
5614 Hollins Road
Roanoke, VA 24019-5056
Phone: (540) 563-2000
FAX: (540) 362-9800

In Canada:
CMX Corporation
35 Van Kirk Drive #11 and 12
Brampton, Ontario L7A1A5
Phone: (905) 456-1072
FAX: (905) 456-2269

INSTALLATION INSTRUCTIONS FOR



TALKBACK PENDANT SPEAKERS



MODEL NO. V-1019B

VALCOM TALKBACK PENDANT SPEAKERS

Valcom Talkback Pendant Speaker, V-1019B, is a 45-ohm talkback speaker designed to be used with Valcom "handsfree" talkback control units. The distance you can be away from the speaker and still have good talkback depends on the ambient noise level. The speaker is weather-resistant and is available in white, black and gray.

Model V-1019B-W	White
Model V-1019B-BK	Black
Model V-1019B-GY	Gray

DIMENSIONS/WEIGHT

- 5.80" Dia. x 8.80" H (14.73cm Dia. x 22.35cm H)
- 2.5 lbs. (1.13kg)

INSTALLATION

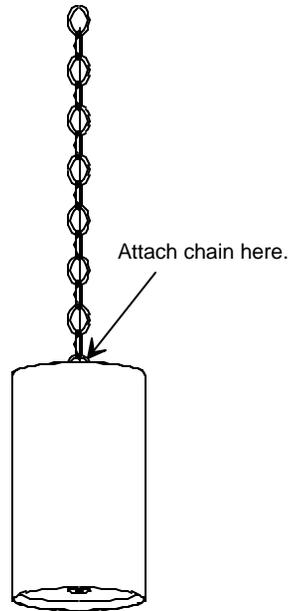
The V-1019B Talkback Pendant Speaker is designed to be suspended from a ceiling using the enclosed chain. The chain is not attached to the ring at the top of the speaker to prevent damage to the speaker's finish during shipping. To install the chain, open the link on the end of the chain and loop the 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.

COVERAGE

The distance you can be away from a speaker and still have good talkback depends on the ambient noise level. The pendant speaker will cover approximately 250 square feet when mounted 8' from the floor (talkback from 10'). Speaker coverage is dependent on mounting height; the greater the mounting height, the larger the area covered.

Remember: *The speaker is no better than your ears. If you cannot carry on a conversation at normal voice levels over the required talkback distance, then talkback page equipment will not function satisfactorily.*

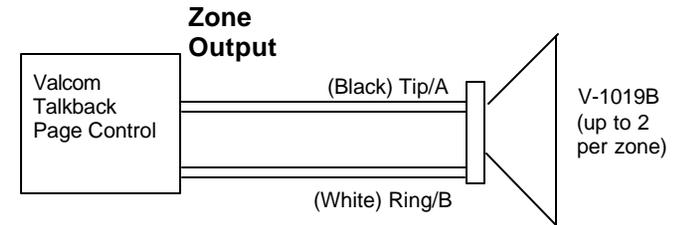


CONNECTIONS

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

Two conductor twisted wire is required for the 45-ohm talkback speakers. Standard 22 or 24 gauge station wire is acceptable. Shielded wire is not required or recommended. Connections are as follows:

- Speaker out from page control to speaker tip.
- Speaker common to speaker ring.



LIMITATIONS

- Two talkback speakers maximum per zone. When mixing talkback and one-way paging, use a maximum of two talkback and forty one-way speakers per zone.
- 800 feet maximum cable length to speaker from page control. Do not split pairs to speakers.
- Do not use talkback in noisy areas (80dB or greater).
- Do not mount close to, or point at, noise production equipment such as fans, air conditioners, machinery or compressors.

TROUBLESHOOTING CHART

SYMPTOMS	ACTIONS
No sound in page mode	<ol style="list-style-type: none"> 1. Check tip and ring for audio at speaker. 2. Check tip and ring for audio at control unit.
Low sound in page mode	<ol style="list-style-type: none"> 1. Check volume controls at page control.
Poor listening in talkback mode	<ol style="list-style-type: none"> 1. Check talkback volume control at page control. 2. Set control where audio is clearly audible.