

V-9947A

LINE POWERED LOUD RINGER/HORN

INTRODUCTION

The V-9947A, is a Line Powered Loud Ringer/Horn which provides amplified electronic tones for signaling in large or noisy areas. This instruction contains the specifications and information necessary to install, operate and maintain the V-9947A.

SPECIFICATIONS

Design

The V-9947A is a ringer/horn containing circuitry to generate incoming call indication via a warble or single tone when activated by 70-120VAC ring voltage (Ringer Equivalency Number 2.7A).

To plan a system utilizing the V-9947A, refer to the Ringer Distance Chart to determine approximate distances covered. The number given (ft) is the side to side distance for mounting the speakers. It is also the distance in front of the speaker that a good quality signal can be heard.

Application

- PABX station ringer

Features

- Omni-directional mounting bracket.
- Self-contained tone generator, amplifier, volume control and horn speaker.



- Single or warble tone output.
- Activated by 70-120VAC ring voltage.
- Tones continuous for duration of ring cycle.
- Weatherproof.
- Units may be multiplied for simultaneous access.
- Separate power supply not required.

Dimensions/Weight

- 6.5"H x 8.2"W x 10.4"D, plus mounting bracket.
- (16.51cm H x 20.83cm W x 26.42cm D)
- 3.3 lbs. (1.5 kg)

Power Requirements

- 20-30Hz, 35mA maximum.

Environment

- Temperature: -20 to +55° C
- Humidity: 0-95% non-precipitating

INSTALLATION

Lead Connections

Connect the tip (green) and ring (red) leads of the ringer to the PBX Analog station port.

- To produce a warble tone, the black and white leads remain unconnected.
- To produce a single tone, connect the black and white leads to each other (See Figure 3).

The V-9947A is not intended for direct or indirect connection to the public telephone network or any telephone line providing dial tone. When used with a customer premise telephone system such as a key system or PABX system, these units are interfaced to the system via a fully protected page port or system central office port, which is a fully protected interface device. Also, the host system must be configured to disallow central office trunk conferencing in order to prevent indirect connection to the public network.

Connecting Speaker to Base

The speaker may be attached to the base before or after the base is mounted.

- Loosen position adjustment knob.
- Insert the ball of the base into the socket of the speaker.
- Tighten the position adjustment knob.

Mounting

The V-9947A should be mounted 12' to 25' high to obtain optimum results. This ringer may be used for either interior or exterior signaling applications.

- Mount the base to a wall using the two holes provided. Knockout holes are provided for punch out should additional holes be desired.
- A "C" clamp is provided with the ringer to allow mounting to a beam. Place the bolt through the hole in the bottom of the base to secure

the "C" clamp to the beam. (See Figure 1). It is suggested that the horn be mounted to the underside of the "I" beam so as to provide the maximum of positioning adjustments.

- Connection to an electrical backbox is accomplished by channeling wire through the ball of the base and making appropriate connections. The base has holes punched for a double-gang square box, but by punching out additional knockout holes, the base can be mounted to a single-gang or octagon box. (See Figure 2).

The V-9947A may be rotated or moved up and down to obtain the desired position by loosening the position adjustment knob at the bottom of the unit (See Figures 1 and 2) approximately 1 turn. Make required adjustment and re-tighten the knob.

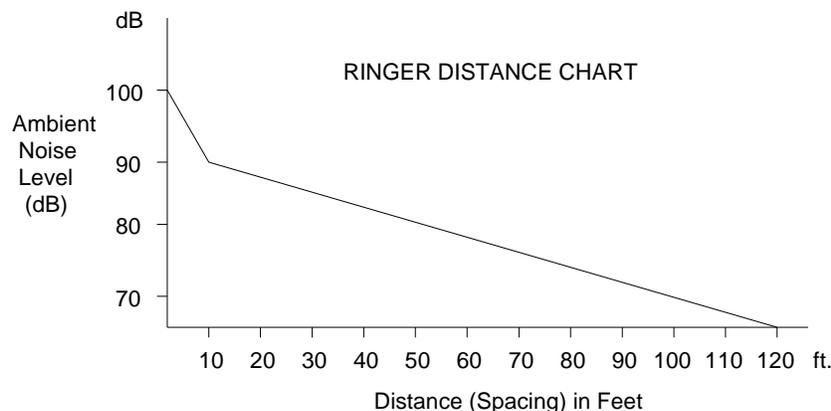
TECHNICAL ASSISTANCE

When trouble is reported, verify there are no broken connections between the telephone and the ringer. Ascertain volume control is turned up.

Assistance in troubleshooting is available from the factory. When calling, you should have a VOM and a test set available and call from the job site. Call (540) 563-2000 and press 1 for Technical Support or visit our website at 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 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



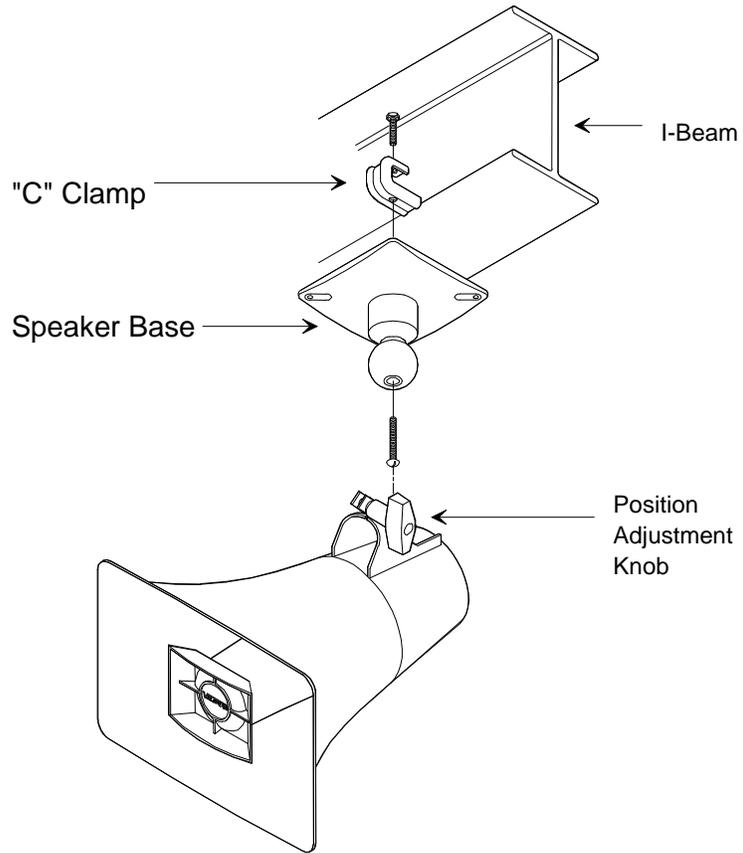


Figure 1 - Mounting to a Beam with a "C" Clamp

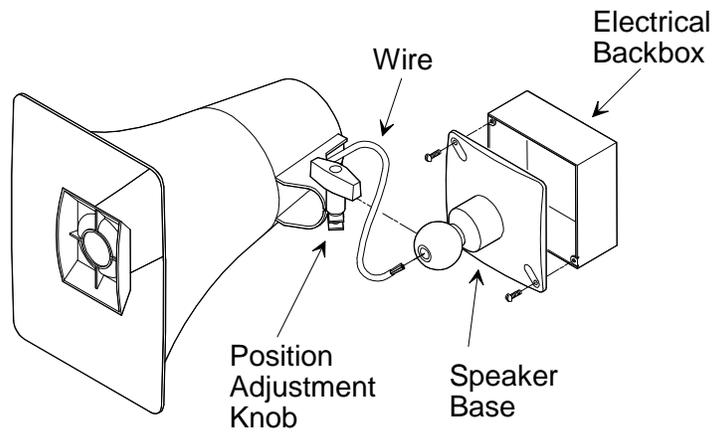


Figure 2 - Mounting to an Electrical Backbox

VALCOM LIMITED WARRANTY

Valcom, Inc. warrants its products only to the original purchaser, for its own use, 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. This Limited Warranty obligation 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 Limited 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, maintenance, installation, removal or use of the product. The maximum liability of Valcom under this warranty is limited to the purchase price of the specific Product covered by the warranty.

Disclaimer. Except for the Limited Warranty provided herein, the product is provided "as-is" without any warranty of any kind whatsoever including, without limitation, any **WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.**

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.

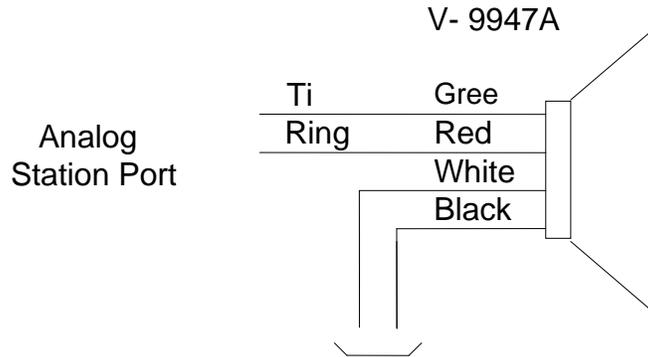
Headquarters:

Valcom, Inc.

5614 Hollins Road Roanoke, VA 24019-5056

Phone: (540) 563-2000 FAX: (540) 362-9800

FIGURE 3



- Connect together to Produce single tone
- Warble tone is produced when not connected.