

# 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.

This equipment has received FCC type KX registration number and has a REN of 2.7A. The FCC Registration Number, BAF9I7-19317-RG-N, will be listed in the affidavits filed with the Telephone Company; it will also be recorded in the system log kept by installation and maintenance personnel. The local Telephone Company is to be notified of the FCC Registration Number when this equipment is installed.

### **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 (feet) 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.

#### **Applications**

- C. O. audible ringing
- Loud ring

#### **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**

- 6.50"H x 8.20"W x 10.40"D, plus mounting bracket
- (16.51cm H x 20.83cm W x 26.42cm D)
- 3.3 lbs. (1.5 kg)

#### **Power Requirements**

- 20 to 30Hz, 35mA maximum; however, the V-9947A is line driven and a separate power supply is not required.

#### **Environment**

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

## **INSTALLATION**

### **Lead Connections**

Connect the tip (green) and ring (red) leads of the ringer to the corresponding leads of the telephone line the ringer is to be used in conjunction with.

- 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).

### **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 feet to 25 feet 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 approximately one turn (see Figures 1 and 2). Make required adjustment and re-tighten the knob.

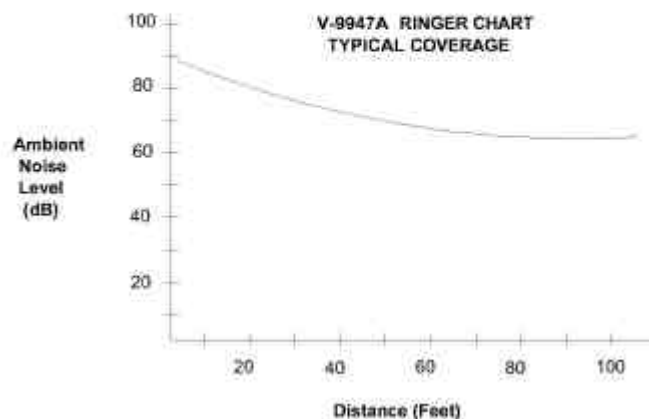
## **TECHNICAL ASSISTANCE**

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 be calling from the job site. Call (540) 563-2000 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 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**



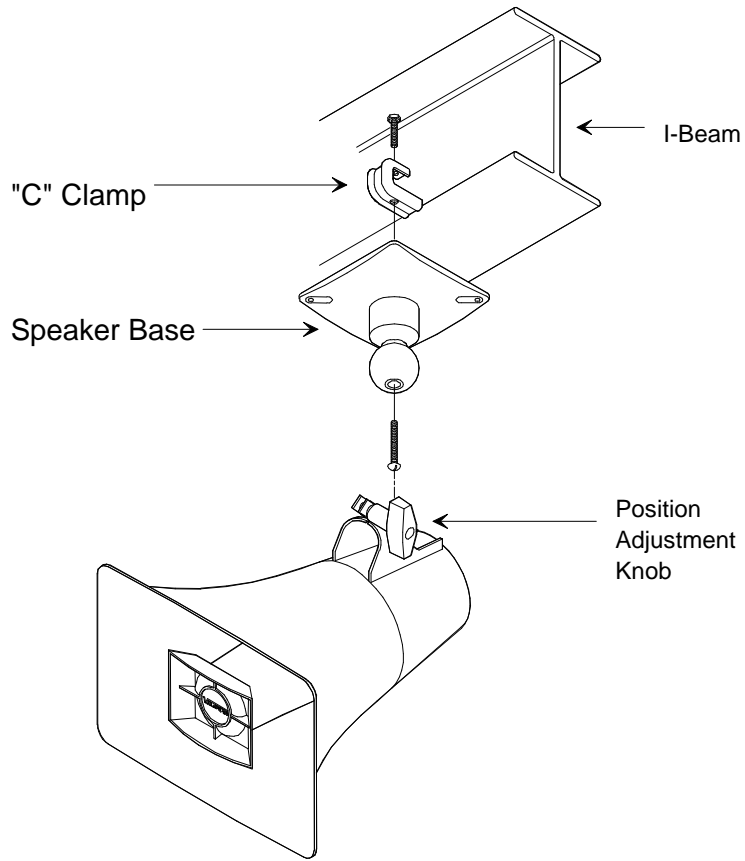


Figure 1 - Mounting to a Beam with a "C" Clamp

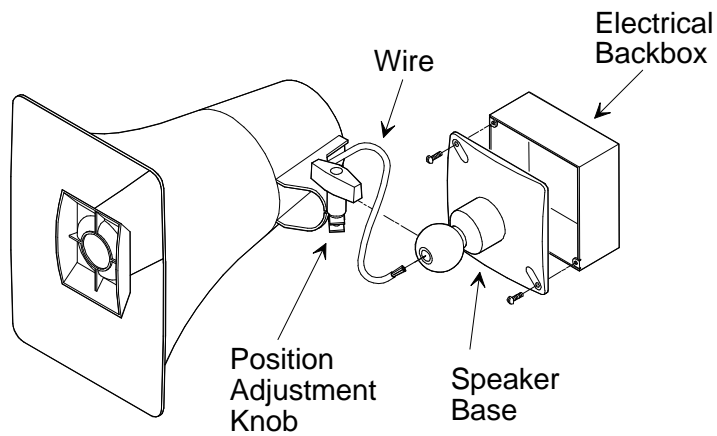


Figure 2 - Mounting to an Electrical Backbox

### VALCOM LIMITED WARRANTY

Valcom, Inc. warrants its products 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).

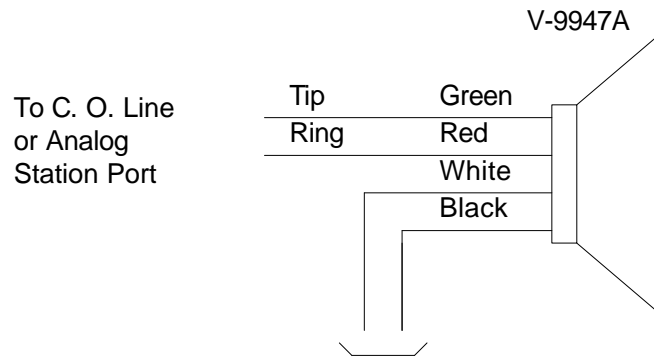
**This warranty is in lieu of and excludes all other warranties, expressed or implied and in no event shall Valcom, Inc. be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation or use of the product.**

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 L7A 1A5  
Phone: (905) 456-1072  
FAX: (905) 456-2269

**FIGURE 3**



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