

## MULTI-ZONE MICROPHONE V-5335405

### **INTRODUCTION**

Your high fidelity desk microphone provides high quality, low noise single and multi-zone paging capability to existing paging products. A cardioid electret element suppresses background noise, and is housed on the end of a flexible tube. You can page through a momentary push-button for short pages, or make a long page with a lock-on button. Front panel LEDs indicate paging status (see Figure 1).

The back panel is shown in Figure 2. An attached wall socket transformer provides power to the unit. Connections for tip and ring, busy buss, and dry contact closure are made at a compression screw terminal block. You can adjust the output volume level by screwdriver. The multi-zone model has a switch for selecting dedicated single zone paging.

### **SPECIFICATIONS**

#### **FEATURES**

- DTMF Pad for Multi-Zone Access
- Can be Switched to Dedicated Single-Zone
- Momentary Push or Lock-On Page Button
- Front Panel LEDs

#### **Power Requirements**

- 120 VAC, 60 Hz

#### **Dimensions/Weight**

- Base: 7"W x 3"H x 5"D  
(17.78cm x 7.62cm x 12.7cm)
- Gooseneck: 14"H (35.56cm)
- 2.50 lbs (1.13 kg)

### **OPERATION**

To make a short page, press and hold the larger, momentary contact push-button. To make a longer page, press the smaller locking push-button; when the page is over, press this push-button again to



deactivate. On the multi-zone model, use the DTMF pad to select zone addresses or implement paging features; Refer to your Page Controller Manual for zone options.

The three LEDs on the front panel show paging status. A flashing yellow LED indicates a long term page. The red LED indicates a busy condition on the system. The green LED indicates that the microphone is on and ready to initiate a page (even when the unit is paging).

The volume can be adjusted by using the screwdriver-accessible output level at the back panel (see Figure 2).

### **INSTALLATION**

The microphone has rubber feet for placing directly on a desktop. Connect the transformer to a standard 120 VAC 60 Hz wall socket. Figure 3 shows the wiring connections at the microphone terminal block. Multiple microphones may be wired to an amplifier in either a star or daisy chain configuration, as shown in Figure 4. Choose the configuration that minimizes the length of wiring runs.

Figure 5 shows the wiring diagram for connecting microphones to a PagePac D-Series AmpliCenter amplifier. An additional terminal block is recommended with the star configuration for connecting the various incoming wires at the amplifier end.

**Note:** The shielding for the wires should NOT be connected to the GND screw at any microphone in the star configuration.

**Note:** The Shield should remain continuous to the end of the wire run and should only be grounded at the amplifier.

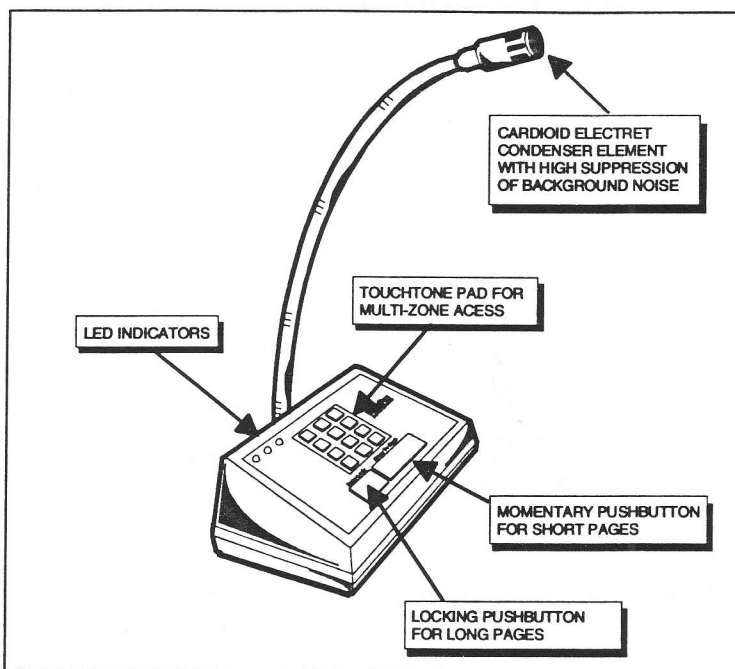
Figure 6 shows the wiring diagram for connecting microphones to a Paging Controller Unit.

## **TECHNICAL ASSISTANCE**

When calling, have a VOM and a telephone test set available and call from the job site. Call (800) 782-5266 and ask for PagePac Technical Support, or call (540) 427-6000 for Valcom 24-hour Automated Support or visit our websites at <http://www.pagepac.com> and [www.valcom.com](http://www.valcom.com).

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.**  
**PagePac® Repair Dept.**  
**5614 Hollins Road**  
**Roanoke, VA 24019-5056**



**Figure 1. Multi-Zone Microphone Features**

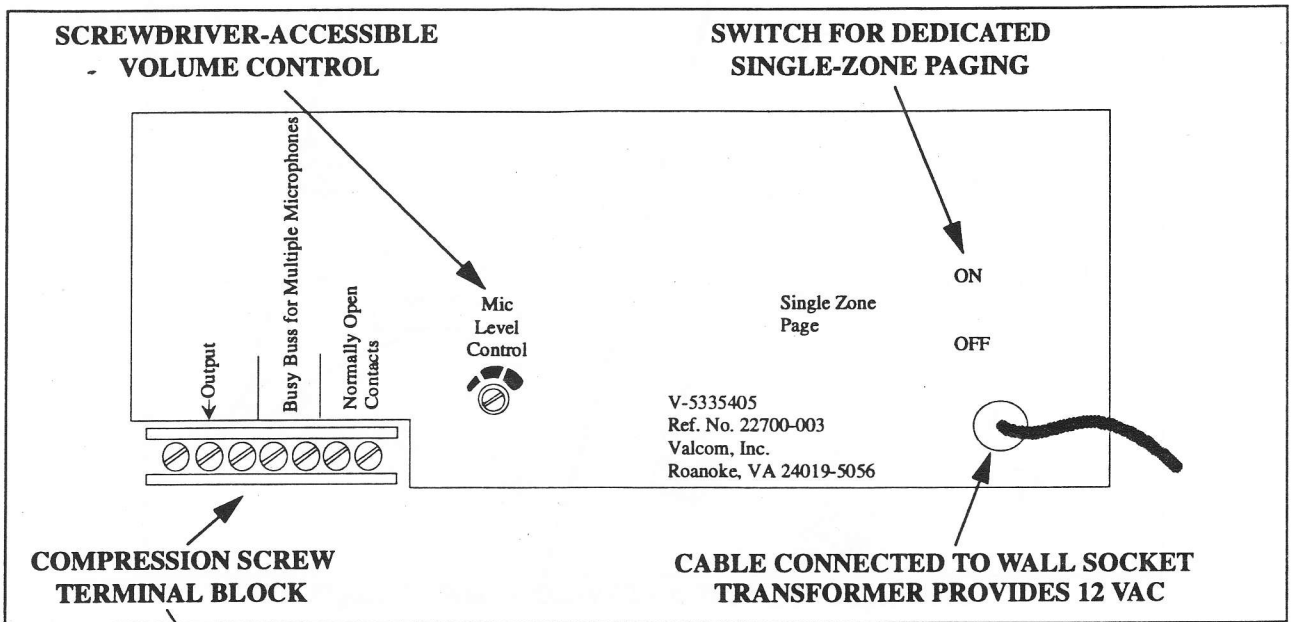


Figure 2. Back Panel Controls and Connectors

Enlarged View

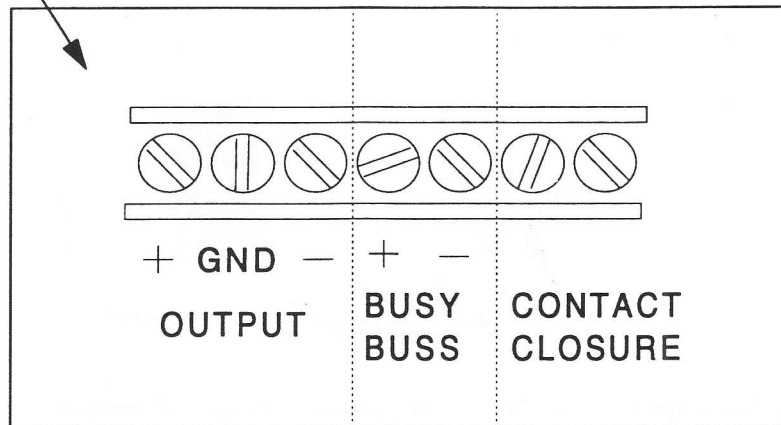


Figure 3. Wiring Connections on Microphone Terminal Block

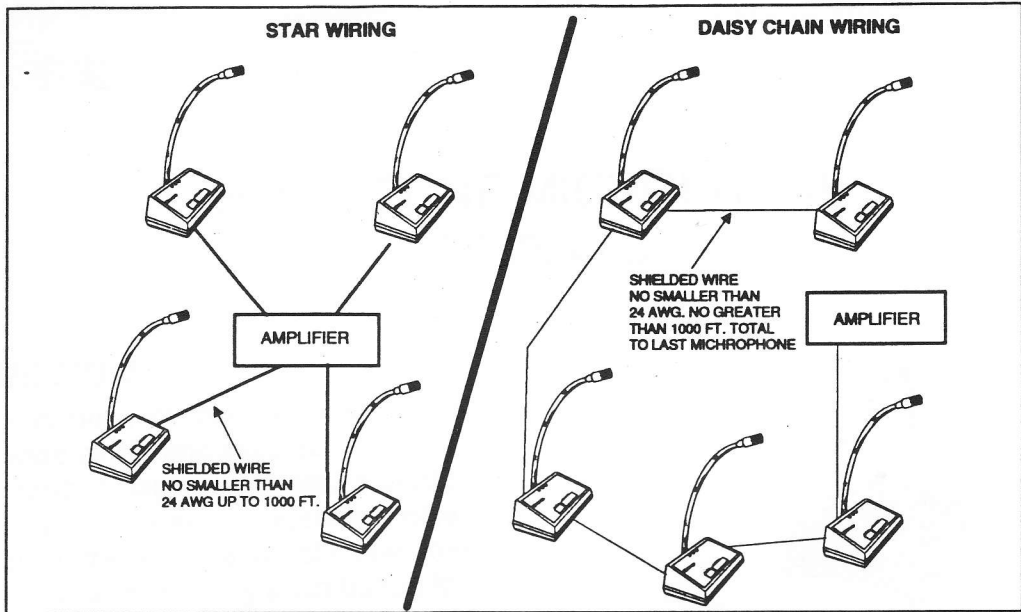


Figure 4. Star or Daisy Chain Wiring Configurations

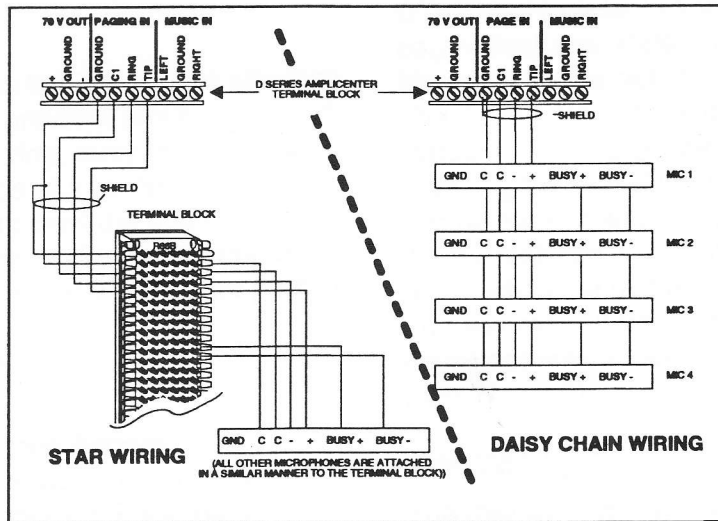


Figure 5. Typical Connections to a D-Series AmpliCenter

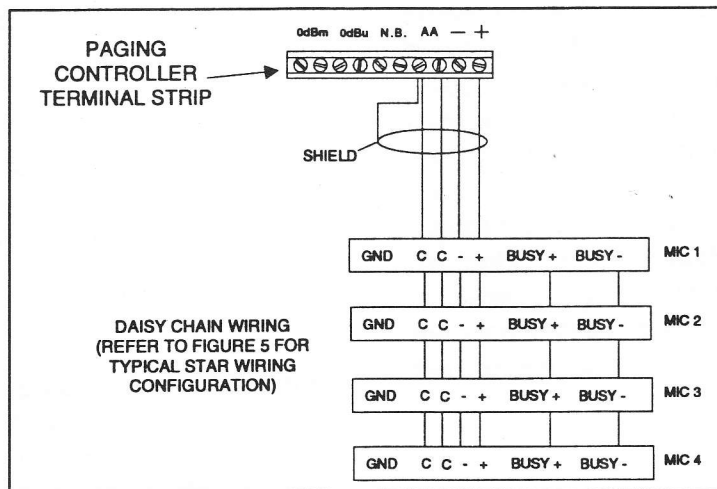


Figure 6. Typical Connections to Paging Controller Unit