



Unitrol Series LM Microphone Adapters

1: OPERATION

LM Adapters permit common use of the radio microphone for public address and radio transmissions.

The microphone is switched-in for public address announcements by the MIC switch in the Touchmaster sirens or by the RM switch in the Omega Series Controllers.

2: INSTALLATION

MOUNTING: Mount the LM Adapter where desired, within 36" of the siren. Use #6 screws to secure it into place.

MICROPHONE: Plug the microphone into the LM Adapter jack.

CABLES: Plug one cable into the radio's microphone jack. Plug the other cable into the 8-pin connector on the back of the Unitrol siren controller.

3: RADIO REBROADCAST

Incoming radio calls can be amplified over the siren speaker by making these connections and setting the public address switch to the RAD position.

See item 5 for Gain Control information.

Inspect the Adapter cable and the 8-pin connector. If a section of 2-conductor zip cord exists at either end, the zip cord ends must be extended and spliced into the radio speaker wires as shown in figure 1.

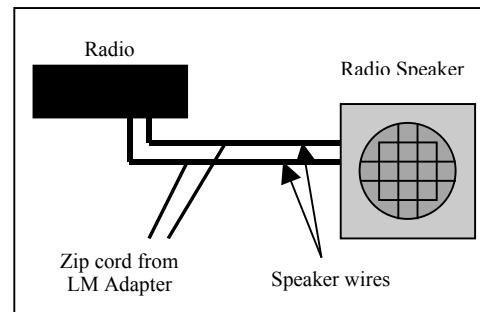


Figure 1

4: MICROPHONE GAIN

Adjust gain control if squeal or engine whine occurs. Rotate counter-clockwise (Decreasing gain) while making a test count, under the conditions that caused the squeal or whine.

Control is located as follows:

Touchmaster: Insert a 1/8" wide blade screwdriver through the hole in the faceplate between the letters HI and MD until the tip engages in control's slot.

Omega: Control is located on the front of the Omega 90 amplifier.

5: RADIO GAIN

The radio's volume control determines loudness of amplified calls. Adjust gain control if normal volume settings cause improper outside levels.

Rotate counter-clockwise (decrease) or clockwise (increase) until desired level is established.

Controls are located as follows:

Touchmaster: Right rear side of cabinet.

Omega: Identified Radio Gain on controllers