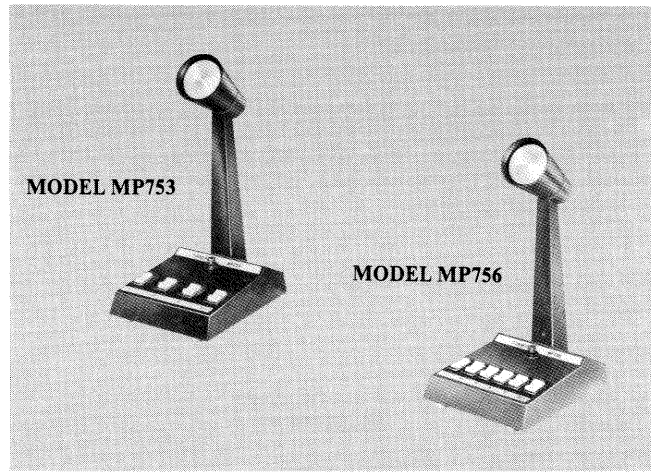


Telex Technical Data

MP Series Multi-zone Paging Microphones



General Description

Telex "MP" Series microphones are designed for multi-zone paging. Each microphone features an all-call switch, for simultaneous activation of all paging zones, and a paging indicator lamp.

MP753: 3 zones, with all-call and paging lamp

MP756: 11 zones, with all-call and paging lamp

Note: The paging switches are not intended to handle public address amplifier output currents. External relays are required for this purpose. Consult the application information on the following pages for further details.

Specifications

Microphone Type

Omni-directional Dynamic

Frequency Response

60 Hz to 10 kHz

Sensitivity (0 dB = 1 mW/10 μ bar)

-58 dB

Impedance

200 ohms (low)

Paging Indicator Lamp Power Requirement

24 vdc

Microphone Switches

All switches are SPDT momentary rocker types.

Cable

MP753: Attached, 10 ft (3m), 8-conductor cable (2 conductors for microphone are shielded).

MP756: Cable supplied by installer. See Application Information.

Case Material

Die-cast zinc alloy

Finish

Black textured enamel

Dimensions (height x width x depth)

9" x 4" x 6" (229 mm x 102 mm x 152 mm)

Ordering Information

Description

Order Number

MP753 Paging Microphone 75007
3 zone, with all-call and paging lamp

MP756 Paging Microphone 75008
11 zone, with all-call and paging lamp

Replacement lamp 75187

Replacement microphone element 75328

Replacement switch, white 57516-000

Replacement switch, red 57516-001

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Application Information

Figures 1 and 2 show standard wiring configurations for the MP753 and MP756 microphones.

Microphone Element: The microphone may be directly connected to the PA amplifier in either a balanced or unbalanced configuration.

Paging Lamp: The paging lamp is wired so that it is activated by any zone paging button or by the all-call button.

Relays: All zone speaker relays are DPDT, 24 VDC types*. The relays and paging lamp require a 24 vdc power source.

Cables: The MP753 is supplied with an attached, 10 ft (3m) shielded cable. The MP756 is supplied without cables, and installer-supplied cables are soldered directly to switch terminals (accessible with the bottom cover plate of the microphone removed). Twisted-pair shielded cable (24 AWG stranded) is recommended for mic signal routing to paging amplifier input. Unshielded, 24 AWG stranded cable is recommended for low-current connections from microphone switches to relays. Speaker-level connections to relays should use standard speaker cable.

* Such as the Atlas/Soundolier model PSR-212 (12 relay pack) or model PSR-206 (6 relay pack). These relay packs include a built-in 24 vdc power supply. Since these relays use bussed contacts, they cannot be used to switch the paging lamp. Use a separate, unbusssed relay for this purpose.

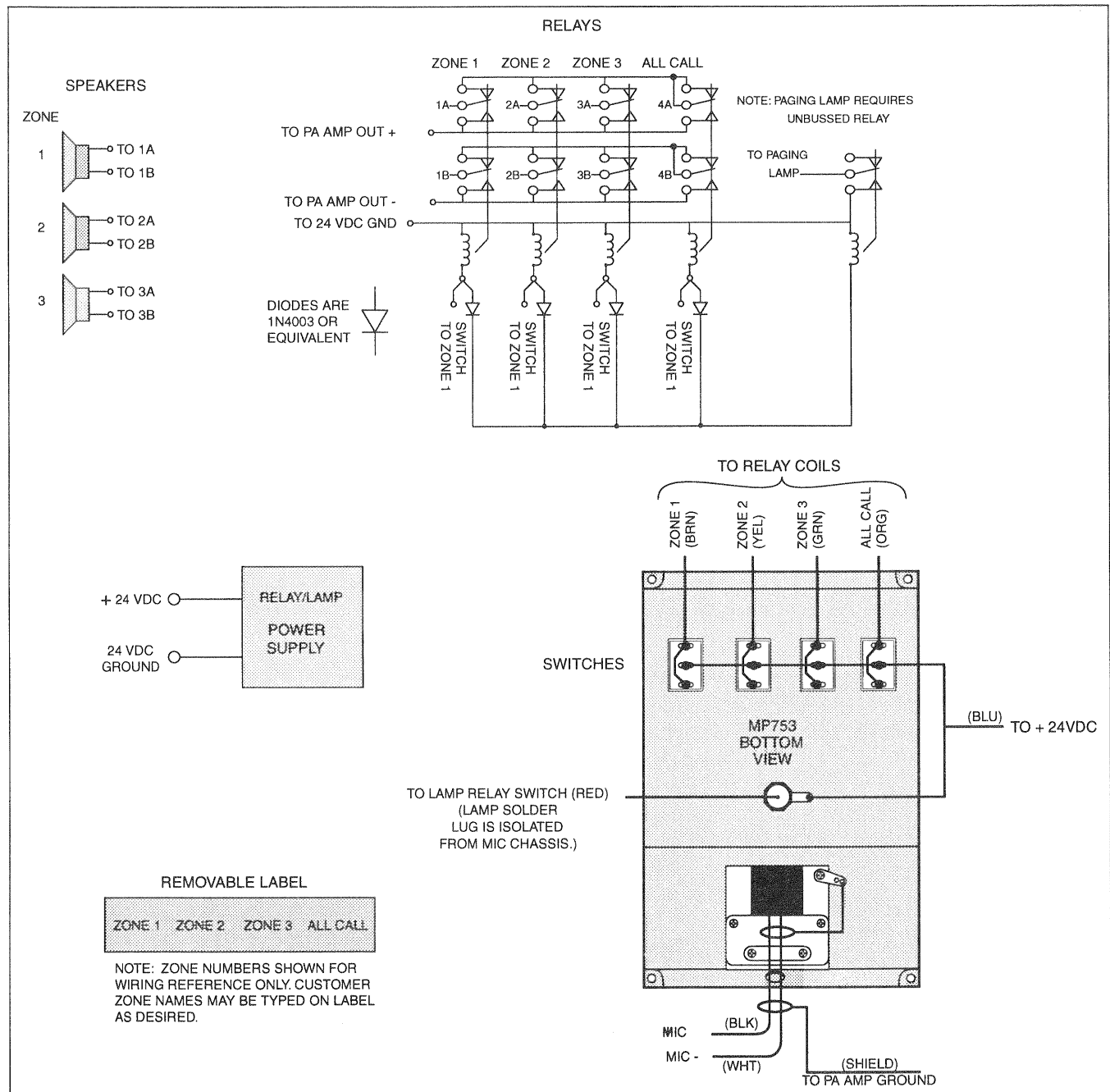


Figure 1
Three-zone Paging System with "All Call" using an MP753 Microphone

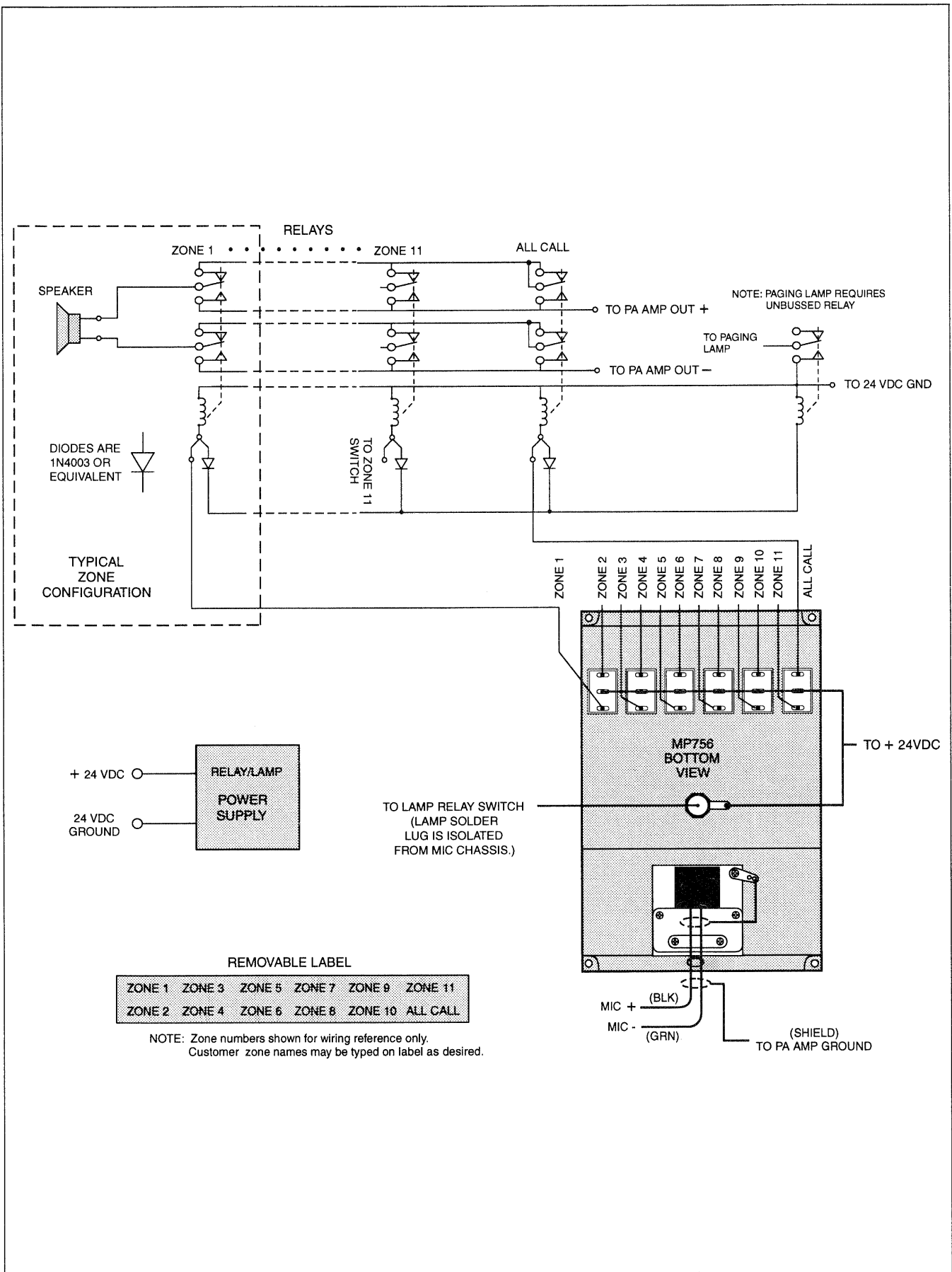


Figure 2
Eleven-zone Paging System with "All Call" using an MP756 Microphone

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