

Telex[®] Technical Data

Model 253 Desk Microphone



General Description

The Model 253 Desk Microphone is designed for single-zone paging applications. The microphone housing is constructed of a strong, one-piece, die-cast zinc alloy with a gray powder coat finish. The Model 253 is a low-impedance unit.

The 253 is equipped with a four-conductor, two-shielded cable to allow the installer to wire for external relay operation. The 253 is also equipped with a front press-to-talk bar with a locking lever located on the side of the microphone base.

The unit uses rugged, yet sensitive dynamic microphone elements that are capable of withstanding extremes of both temperature and humidity. The 253 should be used with amplifiers having an input impedance of 50 to 250 ohms.

Design Features

NOTE

Care must be taken when installing the microphone to ensure that cables do not run parallel to ac power lines, as hum may be induced into the audio circuit.

The Model 253 is a low-impedance, omnidirectional microphone. It includes a press-to-talk switch and lock-on lever with normally open switching for relay control.

WARNING

TO PREVENT THE POSSIBILITY OF ELECTRICAL SHOCK, NEVER OPERATE ANY BASE STATION MICROPHONE BEFORE FIRST CONNECTING BOTH AMPLIFIER CHASSIS AND OTHER ASSOCIATED EQUIPMENT TO EARTH GROUND.

Specifications

Element

Dynamic

Polar Pattern

Omnidirectional

Frequency Response

60 Hz to 10 kHz

Output Level at 1 kHz

Open Circuit: -80 dB (0 dB = 1V/ μ bar)

Power Level: -59 dB (0 dB = 1 mW/10 μ bars)

EIA Sensitivity: -152 dB

Impedance

Low (150 to 200 ohms)

Switches

Push-to-talk

Cable

7-feet (2.1 m) of 4-conductor, 2-shielded, black PVC jacket

Housing

Die-cast zinc alloy

Finish

Gray powder coat

Weight

2-1/4 lbs (1 kg)

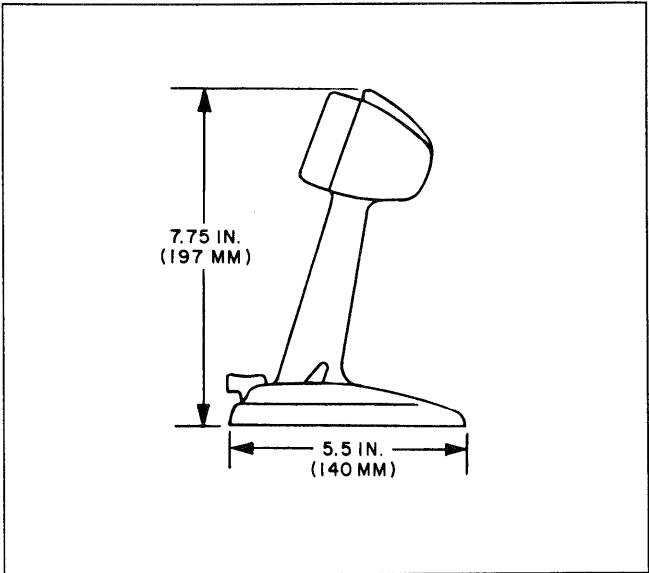
Dimensions

7-3/4 inches (197 mm) high by 5-1/2 inches (140 mm) wide

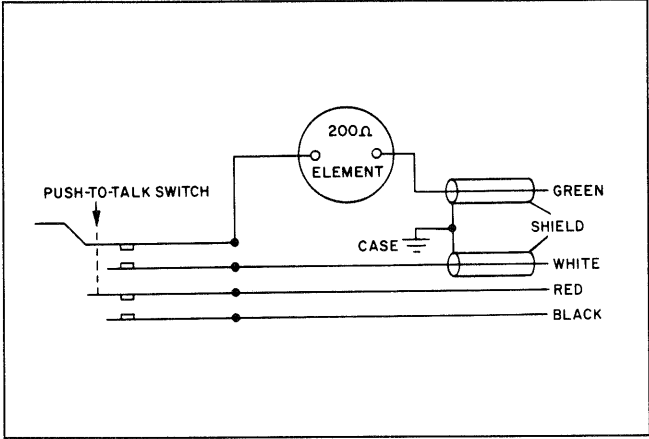
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Specifications subject to change without notice.



Dimension Drawing



Wiring Diagram

Ordering Information

Model 253 Microphone	Cat. No. 25003
Element Replacement	Cat. No. 25535

