

SHURE**MICROPHONES AND ELECTRONIC COMPONENTS**

EVANSTON PHONE DA-8-9000 • CHICAGO PHONE SH 3-1600

DATA SHEET**MODEL "525"
STUDIO MICROPHONE****OMNI-DIRECTIONAL DYNAMIC
Multi-Impedance****Specifications**

Response Frequency Characteristic: From 40 to 15,000 c.p.s. uniformity insured to plus or minus $2\frac{1}{2}$ db. It is especially designed to meet the exacting requirements of TV, radio broadcasting and all studio applications.

Polar Pattern: Omni-directional.

1000 C.P.S. Response

Model 525 "L" Position

| | | |
|----------------------------|-------|-------|
| Open Circuit Voltage Level | — 88 | db* |
| Power Level into 50 ohm | — 61 | db** |
| RETMA Microphone Rating | | |
| GM (Sensitivity) | — 153 | db*** |

Model 525 "M" Position

| | | |
|----------------------------|-------|-------|
| Open Circuit Voltage Level | — 83 | db* |
| Power Level into 150 ohms | — 61 | db** |
| RETMA Microphone Rating | | |
| GM (Sensitivity) | — 154 | db*** |

Model 525 "H" Position

| | | |
|----------------------------|-------|-------|
| Open Circuit Voltage Level | — 81 | db* |
| Power Level into 250 ohms | — 61 | db** |
| RETMA Microphone Rating | | |
| GM (Sensitivity) | — 152 | db*** |

(*) 0 db 1 Volt Per Microbar.

(**) 0 db 1 Milliwatt with 10 Microbar.

(***) RETMA Standard SE-105, August 1949.

Rated Impedances: Model 525 is equipped with a multi-impedance switch furnishing a choice of three impedances—"L" (50 ohms); "M" (150 ohms); "H" (250 ohms).

Cable: 20 foot (6.1m) Broadcast 2-conductor shielded cable with Cannon XL-3-11 connector attached.

Swivel Adapter: Model 525 may be used with the Model A25 swivel adapter which is furnished with the microphone. It has a self-adjusting "positive action" lifetime swivel which permits the microphone to be tilted thru 90° from vertical to horizontal.

Dimensions: See Fig. C.

Finish: Non-reflecting "Baked Bronze" and Beige case.



MODEL 525

Architect's Specifications

The microphone shall be a moving coil type microphone with a frequency range of 40 to 15,000 c.p.s. This unit shall have an omni-directional horizontal polar characteristic. The microphone shall be equipped with a three-position impedance change switch for adjusting the microphone impedance to 50 ohms, 150 ohms, or 250 ohms. The microphone rating G_M (sensitivity) at 1000 c.p.s. shall be within ± 2 db of the following levels.

"L" Position of switch.....—153 db

"M" Position of switch.....—154 db

"H" Position of switch.....—152 db

RETMA Standard SE-105 August 1949.

The microphone shall be provided with a swivel adapter adjustable through 90° from vertical to horizontal, a lavalier cord, a belt clip, and a detachable Cannon cable connector capable of connecting to a two-conductor shielded cable.

The microphone swivel adapter will mount on a stand having $\frac{5}{8}$ "-27 thread. The overall dimensions shall be $8\frac{1}{2}$ " (216.7mm) $\pm \frac{1}{4}$ (6.4mm) inches in length, and 1 (25.4mm) $\pm \frac{1}{8}$ (3.2mm) inches in diameter.

SHURE

The Mark of Quality