



NEUMANN
M-49b
Remote Control Directional-
Pattern Microphone System

Fast becoming a favorite in international broadcasting, this microphone permits remote control of the directional characteristic. A smooth, continuous fader-control selects any of the basic directional patterns (non-directional, bi-directional, and cardioid) and any intermediate pattern. Wide frequency response with extremely low distortion, a slight roll-off of frequencies below 40 cycles to prevent shock-noise interference, and extreme ruggedness, make the M-49b the ideal "work-horse" for studio and remote recording, as well as single-mike pick ups from concert halls.

Dimensions: Microphone: 3" dia.; 6 $\frac{1}{4}$ " length. Power supply:

8 $\frac{1}{2}$ " x 4" x 4 $\frac{3}{4}$ "

Weight: Microphone: 1 $\frac{3}{4}$ lbs.
Power supply: 5 $\frac{1}{2}$ lbs.

Frequency range: 30-20,000 cps

Output impedance: 50/200 switchable

Field pattern: Continuously variable through all characteristics — omnidirectional, cardioid and figure-eight and all intermediate pattern configurations

Non-linear distortion: less than 0.3% entire range to 110 dB absolute.

Complete microphone system consists of microphone, power supply (type NN-48), interconnect cable (type C-26), AC power cable, XLR output connector, and MZ-49 swivel mounting harness.