

McMARTIN

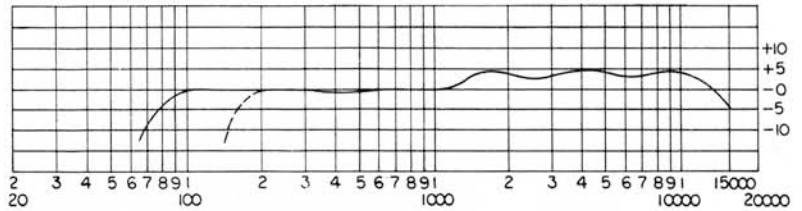
44 series microphone specifications



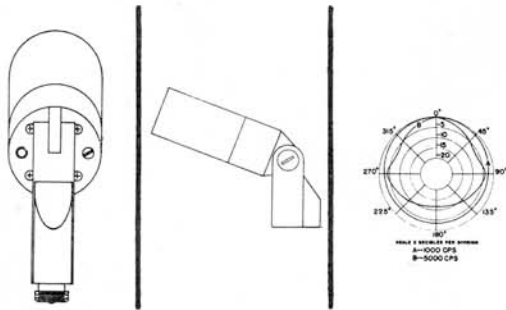
The 44 Series consists of two microphones with on-off switch for general purpose public address and recording applications. The two models are:

1. 44C ceramic type hi impedance
2. 44D dynamic 150 ohm impedance

The 44 series features a recessed front grill for extra protection. The case is of satin chrome finished die cast zinc alloy combined with cycolac. This combination of materials guarantees many years of fine service. A unique feature of the Model 44D is the fact that the user may adjust the low end frequency response. (See line drawing below). This feature is usually found only on much more expensive microphones. It allows the user to tailor his low end response (if necessary) to eliminate excess bass boom, air conditioning rumble, etc.



200 CPS CUTOFF LOW IMPEDANCE SENSITIVITY: 0=80 Db \pm 3Db
Re 1 VOLT PER MICROBAR



With the screw in the right-hand vent the microphone is adjusted for full frequency response. To obtain 200 cps low frequency cut-off move the screw to the left-hand vent.

GUARANTEE:

All McMARTIN microphones are individually and thoroughly tested before leaving the factory and are guaranteed against defective materials and workmanship for one year, providing that instructions are fully complied with and that units are not opened or tampered with in any way.

SPECIFICATIONS:

| MODEL | 44C | 44D (150 ohm) |
|--------------------------|---|----------------------------------|
| Type | Ceramic | Dynamic |
| Impedance | Hi | 150 ohm |
| Response | 60-10,000 C.P.S. | 80-15,000 C.P.S. |
| Output Level | -58 db | -80 db |
| (RE 1 volt per Microbar) | | |
| Switch | ON-OFF ON ALL MODELS | |
| Mounting | Standard 5/8"-27 female thread in base — All models | |
| Connector | MC1M | MC2M |
| Amphenol screw on type | | |
| Cable | 12 ft. (1 conductor shielded) | 12 ft. (2 conductor shielded) |

Polar Pattern: All models are omni-directional

CAUTION:

The amplifier chassis and other associated equipment should be connected to an earthen ground to avoid shock hazard during operation of the system.

ARCHITECT AND ENGINEERS SPECIFICATIONS:

Model 44D 150 ohm. The microphone shall be uniform from 80-15,000 C.P.S. adjustable to 200-15,000 C.P.S. sensitivity shall be -80 db at low impedance.

The case shall be a combination of die cast zinc alloy (satin chrome finish) and hi impact cycolac. The microphone shall have an on-off switch. The diaphragm shall be of "dynaflex plastic having high impact strength and shall be independent of the effects of temperature and humidity.



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