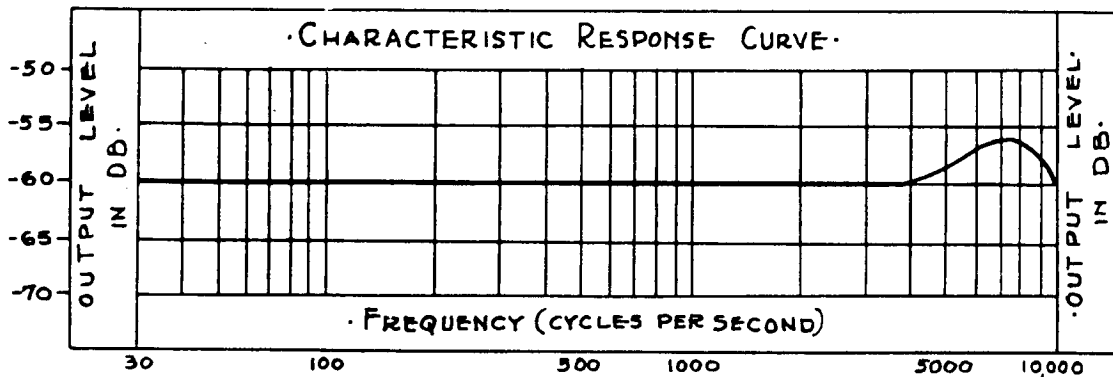


MODEL AR43 MICROPHONE



SPECIFICATIONS

| | |
|--------------------------------|---|
| CELL ARRANGEMENT. | 12 "SOUND CELLS" - SERIES "BIMORPHS" - 2 "BIMORPHS" PER CELL IN PARALLEL 6-2 CELL FRAMES - 2 CELLS IN PARALLEL PER FRAME. 2 BANKS - 3 FRAMES IN PARALLEL - CONNECTED IN SERIES. |
| INTERNAL IMPEDANCE. | CAPACITIVE .0035 MFD. APPROX. - CORRESPONDING TO 454,300 OHMS AT 100 C.P.S. AT 23°C. |
| LOAD RESISTANCE (RECOMMENDED). | 2 MEGOHMS OR HIGHER. |
| OUTPUT LEVEL. | -60 DB.* |
| FREQUENCY RESPONSE. | SEE CURVE --- SLIGHTLY DIRECTIONAL ABOVE 5000 C.P.S. |
| DIRECTIVITY. | NON DIRECTIONAL TYPE. |
| SIZE OF CASE. | 3 INCH SPHERICAL DIAMETER. |
| FINISH. | SATIN CHROME. |
| WEIGHT. | 11 OUNCES NET. |
| THREAD. | $\frac{5}{8}$ " -27 WITH ADAPTER $\frac{5}{8}$ " -27 TO $\frac{1}{8}$ " STRAIGHT PIPE THREAD. |
| CONNECTOR. | PLUG (3 PRONG "AMPHENOL") |
| SOCKET. | FURNISHED (BRUSH CO-3) WITH $\frac{1}{8}$ " PIPE ADAPTER. |
| CABLE. | NOT FURNISHED - NO. 8951 RECOMMENDED - 160 FEET. REDUCES LEVEL 6 DB. |

*ZERO REFERENCE - 1 VOLT PER DYNE PER SQUARE CM.

REMARKS - - - - -

HIGH FIDELITY WITH HIGHEST LEVEL IN SOUND CELL TYPE MOST IMPORTANT USES ARE IN BROADCASTING, SOUND RECORDING AND SOUND METERS.