TELEFUNKEN

microphones

for

life-like fidelity

TAKES THE PLACE OF 5 OR 6 ORDINARY MICROPHONES

AMERICAN ELITE, INC.
MIGHTY MIDGET — 201M

The 201M can be used as a non-directional or cardioid microphone. A switch mounted inside the head changes the microphone’s directional characteristic; a red rim appearing at the base of the head in the non-directional position.

The microphone’s extremely uniform frequency response and wide dynamic range in the cardioid pattern, as well as its slight rise in the upper range in non-directional operation, make it the world’s most advanced transducer.

The microphone is indifferent to changes of temperature and humidity conditions. Its construction ensures continuous dependable operation at 175°F without affecting its performance.

The 201M is an ALL NEW type of condenser microphone, especially suited for broadcasting, TV, recording, and motion pictures. Its compactness and extreme sensitivity make it easily adaptable in any field.

MODEL 201M

Microphone, power supply, cables and plugs Price Complete $490.00

Condenser Microphone 201 M
Frequency response .................................................. ± 4 db 30—16,000 cps.
Output impedance .................................................. 30/50, 200/250 ohms, balanced
Field pattern .......................................................... non-directional or cardioid
Output level at 1000 cps.
matched with 200 Ohms ........................................... cardioid 1.5 mV per dyne/cm² (t=54 db)
omni-directional 1.1 mV per dyne/cm² (t=57 db)
Residual noise level equivalent ............................... 24 db loudness
Non-linear distortion .................................................. less than 1%
Max. operating temperature ........................................ 175°F
Max. relative humidity ............................................. 95 1/4%
Tubes ................................................................. 6 AU 6
Heater Voltage ....................................................... 6.3 ± 0.2 Volts
Heater Current ...................................................... approx. 0.3 Amps.
Plate Voltage ....................................................... 450 Volts
Dimensions .......................................................... ⅜" diam., 7¼" long
Weight ............................................................... 4 ozs.

Portable Power Supply Unit ELA M 910
Mains voltage ....................................................... 110/125/150/220/240 Volts, 40 – 60 cps.
Power consumption ................................................ approx. 16 watts
Pilot lamp ............................................................ 6.3 V, 0.3 Amps.
Fuse (for 110 – 240 Volts) ......................................... 0.5 Amps.
Dimensions .......................................................... 7¾" x 4¼" x 6¼"
Weight ............................................................... 6¼ lbs.

Mounting Armature ELA M 912
with ⅜" pipe thread, for mounting microphone on M 904
Weight ............................................................... 4 ozs.
Price ............................................................... $17.50

TECHNICAL DATA

EQUIPPED WITH 30 FEET OF WELL-SHIELDED, LOW-LOSS SYNTHETIC RUBBER-JACKETED CABLE AND PLUGS. STANDARD THREAD FITTINGS. SPARE PARTS ARE AVAILABLE.
MIRACLE MICROPHONE — U-47M

The extremely smooth frequency response, the wide dynamic range, the absence of distortion and noise, and the readily changeable field of pattern, make the U-47M microphone the ideal instrument for quality sound transmission. A small outside switch provides either a highly directional or non-directional characteristic.

MODEL U-47M
Microphone, power supply, cables and plugs Price Complete $390.00

TECHNICAL DATA

Specifications — U 47 M

Frequency response ........................................... ± 3db 30—16,000 cps.
Output impedance ........................................... 30/50, 200/250 ohms, balanced
Field pattern .................................................. non-directional or cardioid
Output level at 1000 cps.
Matched with 200 ohms .................. cardioid 2.8 mV per dyne/cm² (—49 db)
............................................................... non-dir. 1.7 mV per dyne/cm² (—53 db)
Residual noise level equivalent .................. 24 db loudness
Non-linear distortion ...................................... less than 1%
Tubes .................................................. VF 14
Dimensions .................................................. 23/8” diam., 93/8” long
Weight .................................................. 1.5 lbs.

Power Supply Unit — U 47 N

Operating voltage ........................................... 110 volts AC
Cycle .................................................. 40—60
Dimensions .................................................. 8½ x 4 x 43/4”
Weight .................................................. 6 lbs.