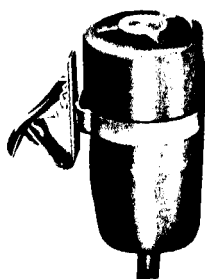


Subminiature Dynamic Microphone, Type BK-12



The BK-12 Subminiature Dynamic Microphone is a very small, extra lightweight mike with excellent speech balance. The BK-12's small bulk and neutral color make it inconspicuous when clipped to the clothing or worn around the neck on a lanyard. As a result of its small size, the BK-12 is essentially non-directional to 6,000 hertz, thus ordinary errors in orientation are inconsequential.

The 0.71-ounce mike has a wide range frequency response of 60 to 18,000 Hz which is compensated for proper speech balance. Other notable features include a line-impedance voice coil that permits use with 30- to 250-ohm unloaded inputs. Through elimination of the output transformer, magnetic hum sensitivity is lower than comparable microphones with line-matching transformer. The micron-mesh acoustical filter provides dirt and moisture protection. Through careful design and the availability of improved magnetic materials, an extremely high acoustical-to-electrical power efficiency is achieved in the BK-12 despite its small diaphragm area.

Due to its small size and light weight, the BK-12 is adequately supported by the tie clip holder which fastens equally well to shirt front or lapel. A lavalier holder is also supplied for suspending the microphone around the neck.

The user need never send the BK-12 back for factory repairs. A complete replacement cartridge can be installed in a few minutes. The cable is also easily replaced.

Specifications

Directional Characteristics	Non-directional
Output Impedance	Low—for use with 30- to 250-ohm unloaded inputs
Frequency Response	60 to 18,000 Hz, shaped for lavalier use
Output Level (1000 Hz):	
Effective (10 dynes/cm ²)	—60 dBm (150 ohms)
EIA—G _m	—154 dB (150 ohms)
Effective Output Level @ 1000 Hz	—60 dBm (150 ohms) (referred to a sound pressure of 10 dynes/cm ²)
EIA Sensitivity Rating	—159 dB (150 ohms)
Output Voltage (open circuit)	75 mV/d/cm ²
Hum Pickup (0.001 gauss, 60 Hz)	—120 dBm max.
Cable (attached)	30 ft. 2-conductor shielded, highly flexible, beige PVC jacket
Mounting	Tie-clip and lavalier holders supplied
Dimensions	¾" dia. x 1½" long (20 x 38 mm)
Weight (less cable)	0.71 oz. (20 g)
Finish	Bronze epoxy and matte gold

Ordering Information

Subminiature Dynamic Microphone, Type BK-12

complete with Lavalier Holder,

Tie Clip Holder and Cable ClipMI-11024