



DESCRIPTION

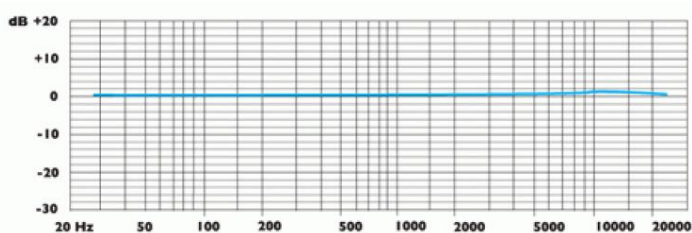
Digital Motorised Retractable Omni-Directional Microphone.

- Very low profile Boundary Layer through table design.
- Digital Motorised Retractable Omni-Directional Microphone.
- Omni-Directional Polar Pattern.
- Patent pending no. 1109720.1
- Finish: Black Nextel® or Satin Nickel.
- Also available in Nextel Suede Coating finishes (Custom Orders Only)

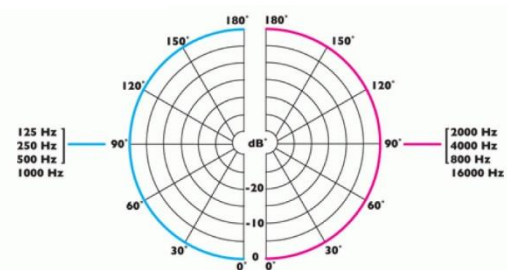
SPECIFICATIONS TABLE

Application	Designed for superior quality voice reproduction in venues such as boardrooms, conferencing, court rooms and other such venues.
Type	Condenser (Back Electret)
Polar Pattern	Omni-Directional
Frequency Response	30Hz - 20 KHz
Sensitivity	-42.5dB +/- 3dB @ 1 KHz (0dB = 1 V/Pa)
Impedance	200 Ohms
S/N Ratio	68dB(A)
Maximum Sound Pressure Level	125dB at 1KHz 1% T.H.D.
Power Requirements	9 - 48 volts Phantom Power
Termination	Audio: Open ended. Motor. RJ45. Black 2 core + screen Red Conductor Phase + White Conductor Phase - Screen
Finish	Satin Black or Nickel
Dimensions	Length retracted: 180mm (7.1") Extended Length: 198mm (7.8") Diameter: 30mm (1.18").
Weight	49gms.

Frequency Response:



Polar Response:



ARCHITECTS AND ENGINEERING SPECIFICATIONS

The Condenser Microphone is a very Low Profile Boundary Layer through Table design, with an Omni-Directional Polar Pattern. The Microphone has a unique ability to automatically extend and retract and lock the Capsule Module away from sight leaving only 3 mm (0.12") protruding on top of the table. The Microphone has an inbuilt motor that is operated by a Control Box ARM - C. Control signals (+2.5V to +12V) from a DSP or electronic switch are required to activate the motor. The Microphone is of a robust brass construction and includes 2 Metres (6.6ft) of audio cable and 2 Metres of control cable. An integral Phantom Power Module is provided requiring 9 to 48 volts dc. The Phantom Power Module also includes filters which will eliminate all GSM frequencies from 800-1200 MHz Impedance 200 Ohms; Frequency response 30 Hz to 20 KHz; Sensitivity -42.5dB \pm 3dB @ 1KHz (0dB = 1V/Pa); Total Harmonic Distortion (THD) at an operating level of 120dB is no greater than 1%. Finish: Black Nextel® or Satin Nickel.