

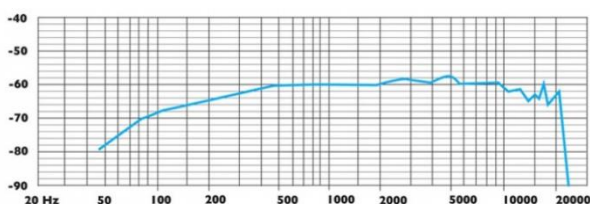


### DESCRIPTION

Digital Motorised Retractable back electret Condenser Microphone.

- Motorised Low Profile Through Table Boundary Layer Microphone.
- Cardioid Polar Pattern.
- Patent pending No. 1109720.1
- Finish: Black Nextel® or Satin Nickel.
- Also available in Nextel Suede Coating finishes (Custom Orders Only)

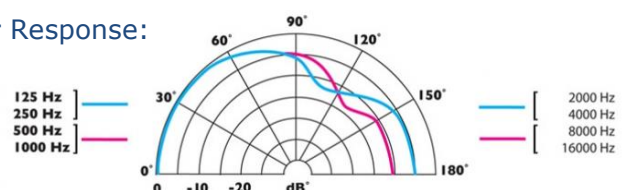
### Frequency Response:



### SPECIFICATIONS TABLE

Length	Length retracted: 180mm (7.1") Extended Length: 198mm (7.8")
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	Cardioid
Frequency Response	50Hz - 18 KHz
Sensitivity	-37dB +/- 3dB @ 1 KHz (0dB = 1 V/Pa)
Impedance	200 Ohms
S/N Ratio	69dB(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.

### Polar Response:



### ARCHITECTS AND ENGINEERING SPECIFICATIONS

The Microphone is a low profile boundary layer through table design with a Cardioid polar pattern. The Microphone is motor driven and has the ability to automatically retract leaving only 3mm (0.12") protruding above the surface. The integral motor requires the control module ARM-C to operate. A control signal (+2.5V - 12V) from a DSP or Electronic Switch are required to activate the RETRACTA. The microphone is engineered in high quality brass for long life and smooth running. The Microphone has an integral electronic module which requires a 9 - 48 volt Phantom Power supply. The module is fitted with filters which will eliminate all GSM frequencies from 800 - 1200MHz, Impedance 200Ohms, Frequency Response 50Hz - 18KHz, Sensitivity -37 ± 3dB @ 1Kz (0dB = 1V/Pa), MSP 120dB THD is no greater than 1%. The Microphone connections: Audio is a 2 meter (6.6ft) open ended 2 core and screen cable. Motor control is a 2 meter (6.6ft) Cat 5 cable fitted with an RJ45. Finish: Black Nextel® or Satin Nickel.