


**SPECIFICATIONS**

Type:	Condenser (Back Electret)
Polar Pattern:	Omni-directional
Frequency Response:	30Hz ~ 20KHz
Sensitivity:	-42.5dB +/- 3dB @ 1KHz (0dB = 1v/Pa)
Impedance:	200Ω
S/N Ratio:	68dB(A)
Maximum SPL:	120dB at 1KHz 1% T.H.D.
Power Requirements:	9 ~ 48v Phantom Power
Cable:	2m (6' 6")
Termination:	Open ended
Finish:	Black Nextel or Satin Nickel
Dimensions:	Above Table: 15.00mm (0.59")
	Diameter: 36.00mm (1.42")
	Below Table: 111.00mm (4.37")
	Diameter: 30.00mm (1.18")
Weight:	384g (13.55 oz)

Shipping Dimensions: (L) 140mm (5.51") (W) 140mm (5.51") (D) 70mm (2.76")  
 Shipping Weight: 446g (15.74oz)

 This product is fully shielded against Radio Frequency Interference (RFI) from GSM devices operating in the 800MHz – 1.2GHz band width.

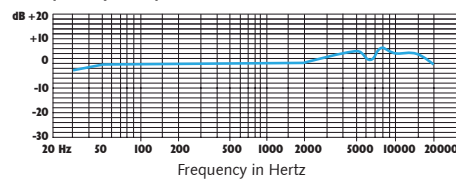
**DESCRIPTION**

The CRM100-RF is a boundary layer through-table Omni-directional condenser microphone, with a built-in mechanism that will allow the user to make the microphone disappear without having to physically remove it from the table. This is achieved by simply pressing the top of the microphone downwards until it locks; then by pressing the microphone again it will raise itself back to its original position above the surface of the table. Engineered in high quality brass with built-in shock mount and RF filter. Standard finish: Black Nextel or Satin Nickel.

- Easy to install
- Low profile at surface level
- Unique ability to lock capsule away from sight when not in use
- Robust brass construction
- Omni-directional polar pattern
- Built-in RF filter
- Balanced output
- Supplied with 2m (6.6 ft) 2 core + screen cable
- Satin Nickel or Black Nextel finish

**ARCHITECTS' AND ENGINEERING SPECIFICATIONS**

The condenser microphone is a very low profile boundary layer through-table type, with an Omni-directional polar pattern. The microphone has a unique ability to retract and lock the capsule module away from sight leaving only 3 mm (0.12") protruding on top of the table. It has a robust brass construction and includes 2m (6.6ft) of cable. The microphone includes an integral Phantom Power module which is to be powered by 9 ~ 48v Phantom Power. The Phantom Power module shall also include filters which shall eliminate all GSM frequencies from 800 ~ 1200 MHz Impedance 200Ω; Frequency response 30Hz ~ 20KHz; Sensitivity -42.5dB ± 3dB @ 1Khz (0dB = 1v/Pa); Total Harmonic Distortion (THD) at an operating level of 120dB is no greater than 1%. The microphone has a non-reflective Black Nextel or Satin Nickel finish.

**Frequency Response:**

**Polar Pattern:**
