

CRM 203S-RF



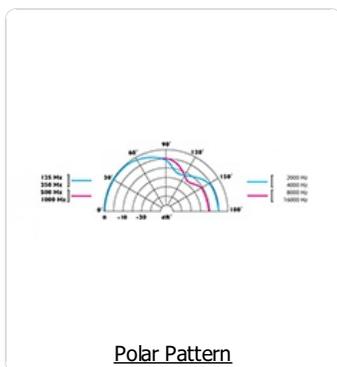
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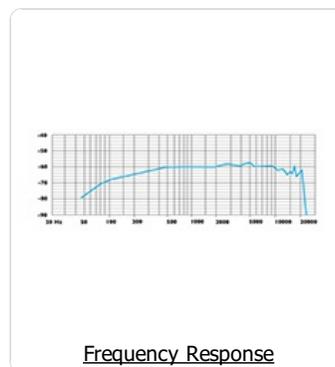
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Polar Pattern



Frequency Response

Triple element boundary layer microphone with half cardioid polar pattern.

Black

**CRM 203S-RF**

Nickel

**CRM 203SN-RF**

## Description

Triple element boundary layer microphone with half cardioid polar pattern.

- Cardioid Polar Pattern.
- Patent pending No. 1109720.1
- Easy to install
- Low profile at surface level
- RF Friendly' technology offering immunity from GSM radio frequency interference.
- Unique ability to lock capsules away from sight when not in use
- Each capsule has a half cardioid pattern that are 90° from each other, and can capture two participants on each side and at the end of the table.
- Touch sensitive switch with Bi-Coloured LED halo.
- Balanced output.
- Inbuilt Phantom Power module.
- Supplied with 2m (6.6ft) 2 core + Screen cables.
- Finish: Black Nextel® or Satin Nickel.
- Also available in Nextel Suede Coating finishes (**Custom Orders Only**)

## Specification

Technical	
<b>Application</b>	Designed for superior quality voice reproduction in venues such as boardrooms, conferencing, court rooms and other such venues.
<b>Type</b>	Condenser (Back Electret)
<b>Polar Pattern</b>	Cardioid
<b>Frequency Response</b>	50Hz – 18KHz
<b>Sensitivity</b>	-37.5 +/- 3dB @ 1KHz (0dB 1v/Pa)
<b>Impedance</b>	200 Ohms
<b>S/N Ratio</b>	68dBA
<b>Maximum Sound Pressure Level</b>	125dB @ 1KHz 1%THD
<b>Power Requirements</b>	9 - 48 volts Phantom Power
<b>Termination</b>	Audio: Open ended. Touch switch ribbon cable terminated with RJ45
<b>Finish</b>	Black Nextel® or Satin Nickel
<b>Dimensions</b>	Microphone length below table: 112mm/4.4 ins, Above table when retracted: 2mm (0.08ins), when deployed: 15mm Body diameter: 56.5mm (2.2 ins).
<b>Weight</b>	420gms.
<b>Wiring Connections</b>	1 X White 2 core + screen and 2 X Black 2 core + screen Red Conductor Phase + White Conductor Phase - Screen Ground Grey 2 core + screen(not used) Used for identification switch no polarity or power required.
<b>Architects and engineer specifications</b>	The Microphone is a low profile triple element boundary layer through table design with 3 Cardioid polar pattern. The Microphone has the ability to retract leaving only 2mm (0.078") protruding above the surface. The microphone is engineered in high quality brass for long life and smooth running. The Microphone has 3 integral electronic modules 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 -37.5 ± 3dB @ 1Kz (0dB = 1V/Pa), MSP 120dB THD is no greater then 1%. The Microphone connections: Audio is a 2 meter (6.6ft) open ended 2 core and screen cable (2 Black, 1 X White). (A touch sensitive switch with Bi coloured halo is incorporated into the top of the microphone allowing On/Off switching when used with a DSP or logic controlled box.) Finish: Black Nextel® or Satin Nickel.