
**SPECIFICATIONS TABLE**

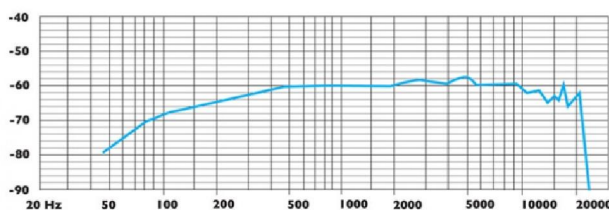
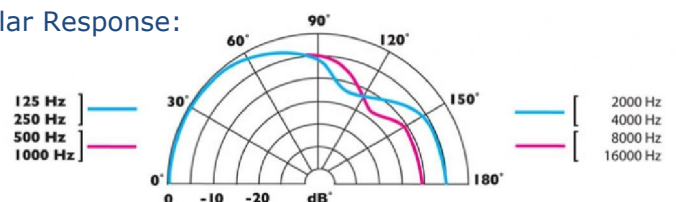
Application	Boundary Layer Microphone with a Half Cardioid Polar Pattern. Designed to be placed in the middle of the conference table, with the participants facing the condenser element. Inbuilt Phantom Power Module.
Type	Condenser (back electret).
Polar Pattern	Half Cardioid.
Frequency Response	50 Hz - 18 KHz.
Sensitivity	-37dB +/- 3dB at 1 KHz (0dB = 1 V/Pa).
Impedance	200 Ohms.
S/N Ratio	69dB (A).
Maximum Sound Pressure Level	120dB 1% THD.
Power Requirements	9 - 48 volts Phantom Power.
Termination	Open ended for audio; RJ45 via TS-C1 for switching.
Finish	Black Nextel® or Satin Nickel.

**DESCRIPTION**

The Consultant Boundary Series with inbuilt capacitive touch sensitive switch.

- Immune to RF artefacts.
- Half cardioid Polar Pattern.
- In built electronic capacitive touch switch with RGB Halo ring.
- Fully balanced.
- Engineered in high quality brass.
- Inbuilt Phantom Power Adaptor.
- Terminated with RJ 45 via TS-C1 for switching.
- Finish: Black Nextel® or Satin Nickel.

Model	No. of Elements	Dimensions
CS 1S-RF CS 1SN-RF	1	62mm (2.4") x 44mm (1.7") x 22mm (.87") Weight: 0.49Kg (16.2oz)
CS 2S-RF CS 2SN-RF	2	104mm (4.1") x 44mm (1.7") x 22mm (.87") Weight: 0.63Kg (22.2oz)
CS 2SV-RF CS 2SVN-RF	2	75mm (3.0") x 75mm (3.0") x 22mm (.87") Weight: 0.69Kg (24.5oz)
CS 3S-RF CS 3SN-RF	3	103mm (4.1") x 75mm (3.0") x 22mm (.87") Weight: 0.80Kg (28.4oz)
CS 4S-RF CS 4SN-RF	4	103mm (4.1") x 103mm (4.1") x 22mm (.87") Weight: 0.90Kg (31.9oz)

**Frequency Response:**

**Polar Response:**

**ARCHITECTS AND ENGINEERING SPECIFICATIONS**

The Condenser Microphone is a Boundary Layer design with a Half Cardioid Polar Pattern. An inbuilt touch sensitive capacitive switch with RGB Halo allowing local switching Live / Muting of the Microphone. The Touch switch requires connection to TS-C1 then to an external DSP. The Microphone is made from solid brass and is permanently mounted with the use of an M 20 x 1 bolt and nut. The Microphone is fitted with a 6.6ft (2 Metres) cable with Open Ended termination. Also included is an integral Phantom Power Adaptor that accepts 9 to 48 volts DC. The Phantom Power Adaptor includes filters which will eliminate all GSM frequencies from 800 MHz - 1.2 GHz. Frequency response: 50Hz to 18 KHz; Sensitivity -37dB +/- 3 dB @ 1 KHz (0dB = 1V/Pa) Impedance 200 Ohms. Total harmonic Distortion (THD) at an operating level of 120dB no greater than 1 %. Finish: Black Nextel® or Satin Nickel.