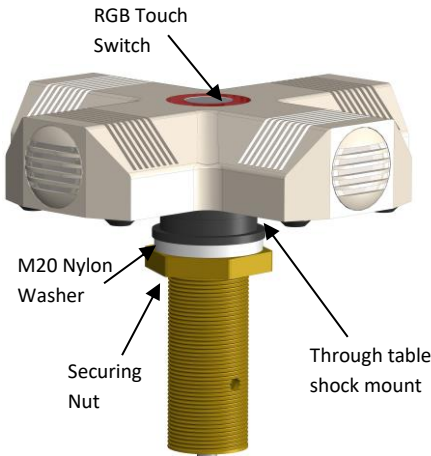


The CS 4S-RF RGB is a quad element boundary layer microphone with a half cardioid polar pattern. The microphone is fitted with a RGB electronic capacitive touch sensitive switch designed to be used for remote switching. Available in Black Nextel® (CS 4S-RF RGB) or Satin Nickel (CS 4SN-RF RGB).



Switch Features

- RGB electronic capacitive touch switch facilitating click/pop free switching.
- Programmable via a DSP to display multi-colour combinations and operate in PTT, PTM or Latching modes.
- Works only in conjunction with supplied TS-C1 touch switch controller that accepts RJ 45 connector from the microphone switch, a 2 way phoenix connector for connection to an external switch and another for connection to a control system via a CAT-5 Ethernet cable.

Microphone features

- Half cardioid polar pattern.
- Balanced output that is immune to RF artifacts.
- Power requirements: mics 9-48V phantom power; RGB switch plus TS-C1, 12V@75mA.
- Cable 2m 8 core + individual screen.

Note: Microphone muting is controlled via control system.

Installation guide

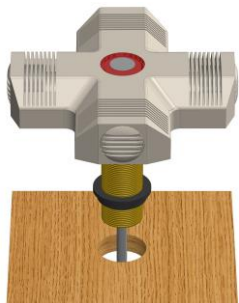


Fig A

- 1) Pre-drill a 24mm or 61/64” hole through the table.
- 2) After removing the Nut, M20 nylon washer and lower shock mount, push fit the microphone through the table. See Fig A.
- 3) Replace shock mount, M20 nylon washer and hand tighten nut to secure the microphone onto the table. See Fig B.
- 4) Audio wiring connections:
 - Mic A: Blue phase +, White phase –
 - Mic B: Brown phase +, White phase –
 - Mic C: Green phase +, White phase –
 - Mic D: Orange phase +, White phase –
 - Screen/Shield - Ground (common to all elements)

Note: microphone screen and TS-C1 ground must have a common ground connection.

- 5) TS-C1’s CONTROL/TS-OUT port wiring for connection to control system:

Pin number	Function
1	Switch (Low indicating contacts closed on RS-IN)
2	Red LED (pulled low to illuminate)
3	Ground
4	+12V DC
5	Touch Switch Activated
6	Green LED (pulled low to illuminate)
7	Blue LED (pulled low to illuminate)
8	No connection

- 6) Affix TS-C1 under table. See Fig C.

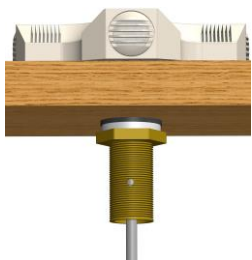


Fig B



Fig C