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).

RGB Touch Switch

Securing Nut

Through table shock mount

Switch Features
- RGB electronic capacitive touch switch facilitating click/pop free switching.
- Programmable via a DSP to display up to seven colour combinations and operate in PTT, PTM or Latching modes.
- Works only in conjunction with supplied TS-C1 touch switch controller that accepts 6 way colour coded ribbon cable from RGB LEDs, a 2 way phoenix connector for connection to the reed switch and TS-OUT for connection to a DSP via a CAT-5 Ethernet cable.

Microphone features
- Half cardioid polar pattern.
- Balanced output that is immune to RF artifacts.
- Power requirements 9-48V phantom power.
- Cable 2m 8 core + individual screen.

Note: Microphone muting is controlled via DSP and activation of touch switch.
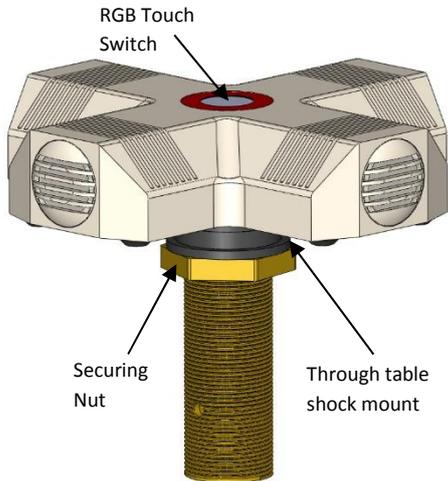
Installation guide
1) Pre-drill a 24mm/0.94" hole through the table (Fig A).
2) After removing the Nut and one shock mount push fit the microphone through the table (Fig B).
3) Replace shock mount and hand tighten nut to secure the microphone onto the table (Fig C).
4) Audio wiring connections:
   Mic A: Blue phase +, White phase –
   Mic B: Brown phase +, White phase –
   Mic C: Green phase +, White phase –
   Mic D: Orange phase +, White phase -
   Ground (common to all four elements): Green (Screen/shield)
   Note: microphone screen and TS-C1 ground must have a common ground connection.
5) TS-C1's TS-OUT wiring for connection to DSP:
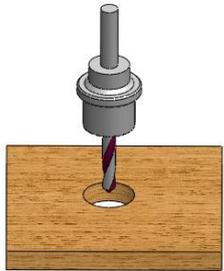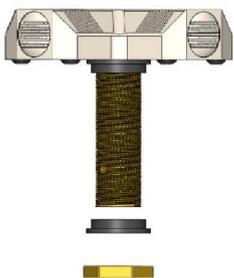
Fig A

Fig C

Fig B

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.

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Product specifications subject to change without notification.