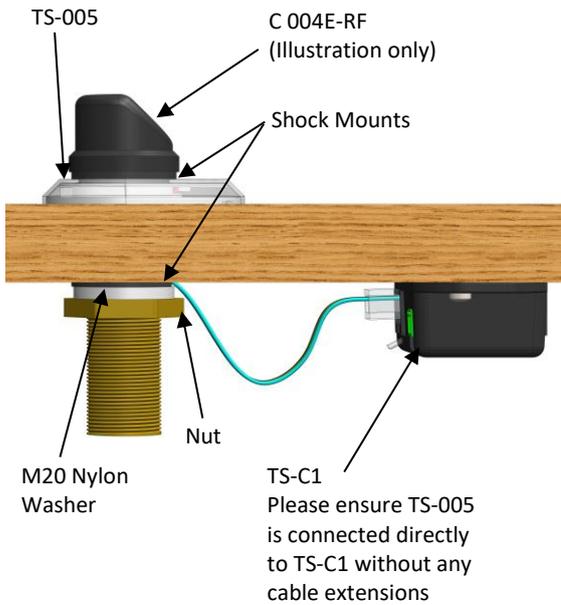The TS 005 capacitive touch switch is specially designed for use with Clockaudio's through table microphones. With no moving parts, low-profile mounting and encapsulated electronics, TS 005 provides multiple colours, clear and precise visual operational status as well as protection from office contaminants affecting its operation. Comes with modular under desk mount TS-C1 controller for easy install.

TS-005

C 004E-RF (Illustration only)

Shock Mounts

Nut

M20 Nylon Washer

TS-C1
Please ensure TS-005 is connected directly to TS-C1 without any cable extensions

- Self-calibrating, low profile mount capacitive touch switch facilitating click / pop free switching of a microphone from DSP.
- RGB LED provides multi-colour combination for clear precise visual status of microphone.
- Suitable for fitting Clockaudio's C 003E-RF, C 004E-RF, C 011E-RF, C 012E-RF microphones, SM 10 and SM 20-RF stands.
- No moving parts and employing surface mount technology, ensures extreme reliability, longevity and trouble free use.
- Electronic circuitry fully encapsulated to protect operation from spills or other contaminants.
- Terminated with RJ 45 connector and supplied with a touch switch controller (TS-C1) allows connection via CAT 5E patch cable back to CDT-100, CUI-2 or directly to DSP.
- Programmable via DSP to operate in PTT, PTM or latching modes.
- 12V DC operation using regulated power supply, CDT-100 or CUI-2
- Fitted with 200mm cable that connects to SWITCH on TS-C1
- RS-IN on TS-C1 provides connectivity to an external switch.
- Backward compatible with CH32, providing Red/Green output.
- Maximum current consumption for TS 005 with TS-C1 is 60mA.
- Finished with a black or white insert.
- Order codes: TS 005 (black insert) and TS 005W (white insert).

Installation guide

1) Using supplied template, drill a 24mm (61/64") hole through the table and a 3.2mm (1/8") hole at least 6mm (1/4") deep into the table.
2) Place TS 005 into position. Remove nut, M20 nylon washer and lower shock mount, push fit the microphone through the TS 005 ensuring microphone front is aligned to the TS 005's touch pad. See Fig A.
3) Fit the shock mount and M20 nylon washer onto the microphone barrel and, ensuring ribbon cable is not twisted, hand tighten the nut. See Fig B.
4) Connect ribbon cable from TS 005 to SWITCH on TS-C1 and mount the TS-C1 nearby. See Fig C.
   Note: microphone screen and TS-C1 ground must have a common ground connection.
5) TS-C1's CONTROL port wiring for connection to control system:

Fig A

Fig B

Fig C

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) Ensure all connections are made prior to applying power.