Tabletop Gooseneck Microphone with Integrated Base
CTF Tabletop Gooseneck Microphone with Integrated Base

The CTF microphone provides a flexible microphone solution, allowing you to either temporarily place the microphone on a table for ad hoc meeting spaces or permanently affix it to a surface.

Optimized for speech, the CTF microphones feature a flat frequency response out to 30kHz that delivers the highest level of speech intelligibility and articulation. This means less straining to understand the words being spoken due to poor audio quality, so more time can be spent understanding the message being transmitted.

Whether speaking directly on-axis or to the sides of the microphone, the CTF microphone always reproduces the speaker’s voice with incredible clarity and intelligibility. This wider coverage also means that fewer Earthworks microphones are required to properly cover a conference room, cutting down on the number of channels of DSP, cables and other ancillary equipment required for the system.

Compatible with all DSP systems that provide 24-48V phantom power, the CTF microphones can easily integrate into existing system designs or new installations.
**Frequency Response:** 20Hz - 30kHz

**Polar Pattern:** Cardioid

**Sensitivity:** 20mV/Pa (-34dBV/Pa)

**Power Requirements:** 24-48V Phantom, 10mA

**Max Acoustic Input:** 139dB SPL @ 1kHz

**Noise:** 16dB SPL (A weighted)

**Output:** XLR-3M (pin 2+)

**Min. Output Load:** 1K between pins 2 & 3

**Base Dimensions:** 4.1 x 4.1 x 0.45 inches (104.1 x 104.1 x 11.4 mm)

**Cable Length:** 10’ (3.04m)

**Connector Type:** XLR-3M

**Weight:** 0.5 lbs (226g)

Specifications subject to change without notice
Coverage Area

Standing

Seated

Top View
**Placement & Installation**

The CTF microphone comes with a low profile 10 ft. (3.04m) output cable with installed standard XLR3-M connector. A keyhole is included on the bottom of the CTF, so it can be secured to a tabletop or flat surface. If changing the output connector is required, use the supplied connection information below.

---

**Template for Mounting Holes**

- [63.50mm] Ø 2.5in
- [4.76mm] Ø .188in
- [36.51mm] Ø 1.438in
- [25.40mm] Ø 1.0in
- [104.14mm] Ø 4.1in

**Bottom of Microphone**

- 6-32 Mounting Holes
- Rubber Foot
- Keyhole Mount

---

**Side View**

6-32 screws must not protrude more than 3/16” [4.76mm] through surface to avoid damage to microphone flange

---

**Output Cable Connection for XLR-3 Connector**

- + Red (pin 2)
- - Black (pin 3)
-  White (pin 1)
- Shield (pin 1)
Dimension Drawings

Cable Length 10 ft. (3.04m) with Installed XLR-3M

(dimensions shown in inches)

Cable Diameter: 0.097

Permanently Installed on Table with XLR Connector Removed

Side View (cable through table)

Permanently Installed on Table with XLR Connector Attached

Side View (cable through table)

Cable will clear a 0.125 inch opening

Connector will clear a 1 inch opening
Warranty
All Earthworks microphones carry a limited warranty (parts and labor). Please visit earthworksaudio.com/warranty for details.

Product Registration
To help you get the most out of your Earthworks purchase, please take a moment and register your product with us online at earthworksaudio.com/register.

Service & Repair
If you have any problems with your Earthworks products, please contact our Service & Repair Department.
   Email: returns@earthworksaudio.com
   Telephone: (603) 654-2433, ext. 119