



# CTF

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User's Guide



Tabletop Gooseneck  
Microphone with  
Integrated Base



## **CTF Tabletop Gooseneck Microphone with Integrated Base**

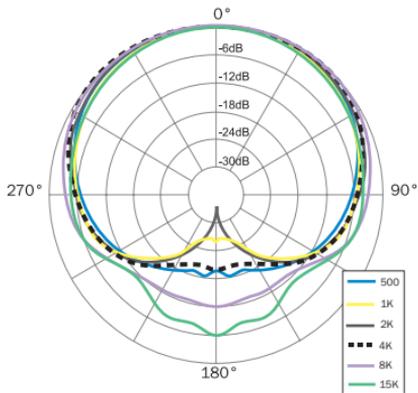
The CTF microphone provides a flexible microphone solution, allowing you to either temporarily place the microphone on a table for ad hoc meeting spaces or permanently affix it to a surface.

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.

## Polar Response



## Specifications

**Frequency Response:** 20Hz - 30kHz

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

**Polar Pattern:** Cardioid

**Base Dimensions:** 4.1 x 4.1 x 0.45 inches

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

(104.1 x 104.1 x 11.4 mm)

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

**Cable Length:** 10' (3.04m)

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

**Connector Type:** XLR-3M

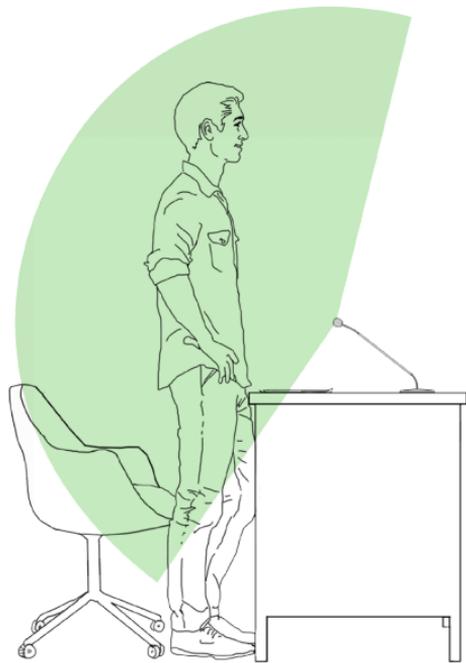
**Noise:** 16dB SPL (A weighted)

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

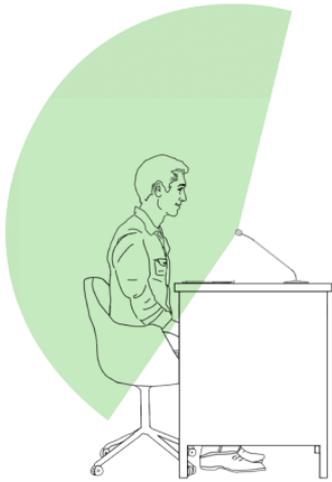
**Output:** XLR-3M (pin 2+)

*Specifications subject to change without notice*

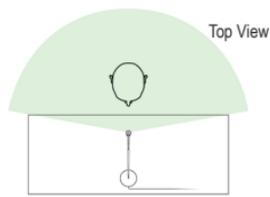
## Coverage Area



Standing



Seated

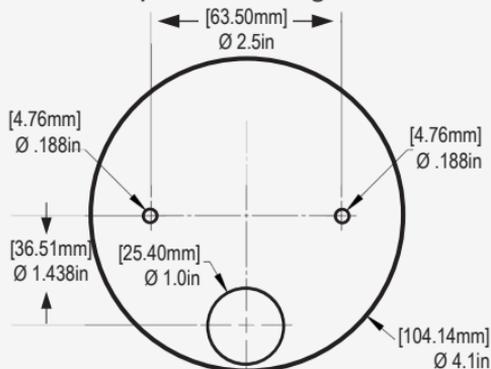


Top View

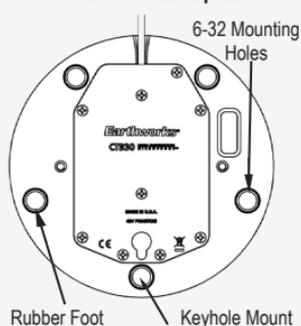
## Placement & Installation

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

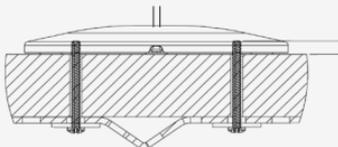


### Bottom of Microphone

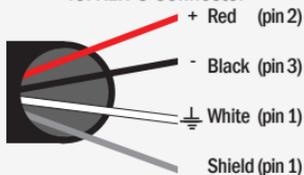


### Side View

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

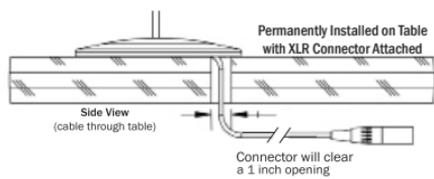
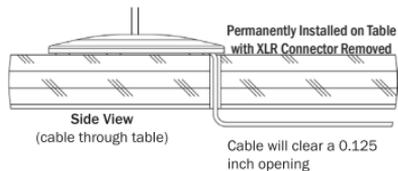
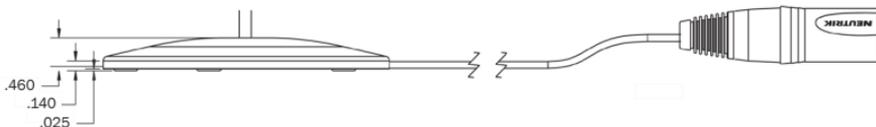
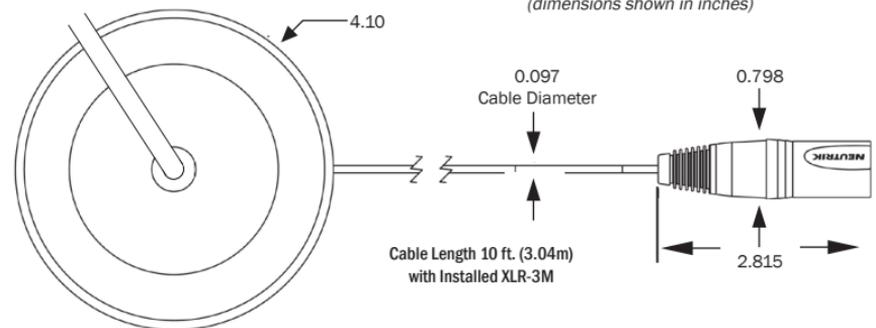


### Output Cable Connection for XLR-3 Connector



# Dimension Drawings

(dimensions shown in inches)





## **Warranty**

All Earthworks microphones carry a limited warranty (parts and labor). Please visit [earthworksaudio.com/warranty](http://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](http://earthworksaudio.com/register).

## **Service & Repair**

If you have any problems with your Earthworks products, please contact our Service & Repair Department.

Email: [returns@earthworksaudio.com](mailto:returns@earthworksaudio.com)

Telephone: (603) 654-2433, ext. 119