Earthworks CTB30 Boundary Microphone
The CTB30 is a ground breaking High Definition Boundary Microphone™ that is the ideal choice for high quality teleconferencing applications. It was engineered to deliver crystal clear, highly intelligible reproduction of the human voice at any point around a conference table or other flat surface without the typical problems associated with boundary microphones. Earthworks' trademark clean fast impulse response delivers the subtle details and nuances of the human voice. The CTB30 also incorporates a unique filter that significantly reduces low frequency table thumping and HVAC noise. In addition, the CTB30 delivers an impressive reduction of unwanted sounds from paper and pens. Like all Earthworks microphones, the CTB30 is completely immune to RF interference from mobile phones and other RF sources. The CTB30 is a low profile, pristine sounding microphone solution for permanent or temporary conferencing applications.

Polar Response
The CTB30 features a True Semisphere™ polar response, meaning voices are picked up equally from anywhere in a 360 degree circle around the table top. It is tuned for flat frequency response from 30 to 60 degrees above the boundary plane. The CTB30 is ideal for complete coverage of any conference or huddle space.

Installation
The CTB30 has a 10 ft. (3.04m) low profile cable with an XLR-3M attached. For temporary applications, simply set the CTB30 on the table and plug it into a mic input with 24-48V phantom power. For permanent installations, the XLR connector can be removed, allowing the cable to run through a small hole in the surface. Once installed, the connector can be resoldered, if necessary. The CTB30 features two 6-32 screw holes and a keyhole on the bottom of the microphone for secure mounting.

Specifications
- Table Top Boundary Microphone
- Low profile, small footprint
- Flat Frequency Response from 60Hz to 30kHz
- Very High Intelligibility
- True Semisphere™ Polar Response (near-perfect frequency response at 45° incident to the surface in a hemispherical pattern)
- Unique low frequency filter minimizes noise from table thumping and HVAC
- Reduced pickup of paper shuffling
- Immune to RF interference
- 136dB Max Acoustic Input
- Black, White or Stainless Steel Finish

Specifications Subject to Change without Notice
Earthworks, Inc. • 37 Wilton Rd. • Milford, NH 03055 • (603) 654-2433, ext 114 • email: sales@earthworksaudio.com • earthworksaudio.com
CTB30 Specifications

Type: Boundary
Element: Condenser
Frequency Response: 60Hz to 30kHz -3dB @ 1 ft. (30cm)
Low Frequency Rolloff: 60Hz, 15dB/octave
Polar Pattern: Omni Semisphere™
Sensitivity: 60mV/Pa
Impedance: 65 ohms
Power requirements: 24 - 48V Phantom, 10mA
Max Acoustic Input: 136dB @ 1kHz
Dynamic Range: 115dB @ 1kHz
Signal to Noise Ratio: 74dB @ 1kHz
Output: XLR-3M, (pin 2+)
Min. Output Load: 1k between pins 2 & 3
Noise: 19dB SPL (A weighted)
Microphone Color: Black, White, Stainless or Nextel® Dark Black
Dimensions: 4.1 x 4.1 x 0.45 inches (104.1 x 104.1 x 11.4mm)
Cable Length: 10’ (3.04m) with installed XLR-3M
Connector Type: Low profile cable terminated into a 3-pin XLR-M
Weight: 0.36 lbs. (162g)

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