



Table/Implant Microphones *CTG TM-01/02*



The CTG high quality table microphones are designed to clearly and evenly pick up participants' voices up to 10 feet away. They are true (360°) omni directional boundary microphones offering high sensitivity. The TM-01 tabletop is a low profile microphone and provides a portable solution. The TM-02 table implant version mounts in the table and provides a clutter-free environment.

Both microphones utilize a special pressure sensitive, tensionless low-mass element enhanced with an integrated FET low noise preamplifier. These characteristics result in ultra smooth frequency response providing excellent feedback stability for teleconferencing. Both microphones feature a waterproof windscreen to protect the element from cleaners, coffee, and other liquids.



Both microphones are fully shielded and filtered to prevent interference from GSM, PDA's and other wireless devices.

Applications/Benefits

- Group teleconferencing in conference rooms and boardrooms
- Group teleconferencing in classrooms and training/briefing rooms
- Extraneous noises such as paper shuffling and pen clicking are minimized.
- Portability (TM-01) whereby microphone may be easily moved around
- Exceptional coverage area minimizes the number of microphones required
- Center of table placement permits participants to turn in their chairs and move around
- Low profile design actually uses the table surface to increase its effectiveness
- Precisely captures original sound allowing listeners to recognize "who is talking"

Specifications

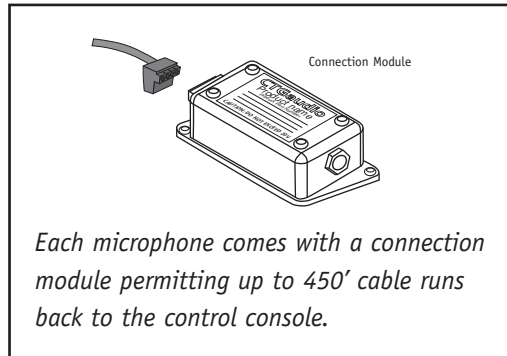
Physical Dimensions

TM-01:

Diameter	5.75"
Height5"
Chamfer	45 Deg
Cable Length	20'

TM-02:

Barrel Diameter5"
Cable Length	18"



Element	Electret Condenser
Frequency Range	10-20,000 Hz
Phantom Voltage	2-50 Volts DC
Acoustical Mode	Boundary effect Pressure Transducer
Temperature Stability	+/-0.02 dB per degree F maximum
Operating Current	30 μ A typical, 50 μ A maximum
Impedance	2000 Ohms nominal (balanced) 200 Ohms (balanced) with connection module
Output level ref 1mW/10dynes/cm² ..	-57 dBm (-51 dBm when mounted)
Equivalent Noise level A weighted	28 dB SPL (-22 dB SPL when mounted)
Equivalent Vibration Sensitivity	70 db (1 KHz SPL equivalent of 1G)
Recommended Room Conditions	Reverberation Time: <0.6 seconds Noise Level: <48 dBa

CTGaudio

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