

TM-01 & TM-02 TABLE/IMPLANT MICROPHONES



The CTG high quality table microphones are designed to clearly and evenly pick up participant's voices up to 8 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 flush to 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.

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
- Low profile design actually uses the table surface to increase its effectiveness
- Precisely captures original sound allowing listeners to recognize "who is talking"
- Covered by CTG Audio's five year warranty

SPECIFICATIONS

Physical Dimensions

TM-01:

Diameter	5.75"
Height	0.5"
Chamfer	45 Deg
Cable Length	20'

TM-02:

Barrel Diameter	0.5"
Adjustable Barrel Length	Up to 2.5"
Cable Length	18"

Note: Each microphone comes with a module permitting up to 450' cable runs back to the control console.

Element	Electret Condenser - Omni-directional
Frequency Range	10-20,000 Hz
Phantom Voltage	2-20 Volts DC (> 20V may damage the element)
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	200 Ohms (balanced) with transformer module 200 Ohms nominal, balanced after connection module
Output Level ref 1mW/10dynes/cm ²	-57 dBm (-51 dBm when mounted)
Equivalent Noise Level A Weighted	28 dB SPL (-22 dB SPL when mounted)
Equivalent Vibration Sensitivity	70db (1 KHz SPL equivalent of 1G)
Recommended Room Conditions	Reverberation Time: < 0.6 seconds Noise Level: < 35dBa



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