

## 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.*

<b>Element</b> . . . . .	Electret Condenser - Omni-directional
<b>Frequency Range</b> . . . . .	10-20,000 Hz
<b>Phantom Voltage</b> . . . . .	2-20 Volts DC (> 20V may damage the element)
<b>Acoustical Mode</b> . . . . .	Boundary Effect Pressure Transducer
<b>Temperature Stability</b> . . . . .	+/- 0.02 dB per degree F maximum
<b>Operating Current</b> . . . . .	30 $\mu$ A typical - 50 $\mu$ A maximum
<b>Impedance</b> . . . . .	200 Ohms (balanced) with transformer module 200 Ohms nominal, balanced after connection module
<b>Output Level ref 1mW/10dynes/cm<sup>2</sup></b> . . . . .	-57 dBm (-51 dBm when mounted)
<b>Equivalent Noise Level A Weighted</b> . . . . .	28 dB SPL (-22 dB SPL when mounted)
<b>Equivalent Vibration Sensitivity</b> . . . . .	70db (1 KHz SPL equivalent of 1G)
<b>Recommended Room Conditions</b> . . . . .	Reverberation Time: < 0.6 seconds Noise Level: . . . . . < 35dBa



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