

INTELLIGENT MICROPHONE PAD



PRODUCT OVERVIEW

The Gentner Intelligent Microphone pad can be ideally used as a high quality affordable support for any video conferencing system*. Wide band (7kHz) digital audio equals FM sound quality. Especially designed to support daisy-chain configuration of multiple microphone pads, it produces a clear voice pickup in a larger sized conference room.

It offers acoustic echo cancellation, background noise and reverberance suppression, and VTM (voice tracking microphone). VTM "steers" the audio pickup to the person talking, while reducing

noise and reverberation coming from other directions.

*Electrical interfacing adaptation and customization is available.

FEATURES/BENEFITS

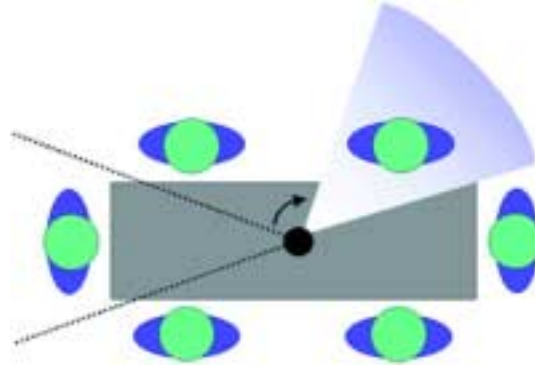
- VTM® Voice Tracking Microphone
- Echo Cancellation
- Audio Digital Signal Processing (DSP)
- Wide Band
- LED Visual Feedback System



INTELLIGENT MICROPHONE PAD

GENTNER INTELLIGENT SPEAKERPHONE

The Gentner Intelligent Speakerphone uses innovative microphone technology for superior audio clarity. VTM® Voice Tracking Microphone uses multiple microphones and provides the highest quality audio pickup in the industry. VTM automatically detects the speaker and steers the dynamic audio pickup beam in that direction. With this sophisticated technology, VTM provides handset-like audio quality.



SPECIFICATIONS

Enhanced Audio Technology:	Features:	Dimension	8"(L) x 6.5"(S) x 1"(H)
VTM Voice Tracking Microphone:	Microphones	Weight	1.0 lbs.
360 degrees dynamic audio pickup	Blue Mute button	Color	Black
Echo Cancellation:	VTM	Model Number:	IM-400
Eliminates clipped speech		Audio Level:	In: 2V P-P
Background Noise Reduction:	Visual Feedback		Out: 2V P-P
Produces clearer audio	AGC	Impedance:	Max Audio In: 10K ohms
Visual Feedback Indicator:			Max Audio Out: 1K ohms
Indicates direction of audio pickup		Standards:	Meets ITU-T recommendation G.167
Electrical:	Regulatory:		
DSP TMS320C32, 60 MHz	FCC Class A		
AD conversion 16 bit, 16 kHz	FCC Part 15, Sub Part B		
Power +12V DC, 300mA per each unit	Environment:		
Electrical interfacing adaptation and customization available.	Enclosure		
	Operating Temperature		
	Storage Temperature		
	Operating Humidity		
	Storage Humidity		
Connection:			
8 Pin (up stream), 9 Pin (down stream)			
Mini-Din			
Cable One 8 P-9P Mini-Din per each unit			
1 Power in, 2 microphone out,			
1 Speaker in			
1 Serial communication port (option)			

VTM technology is patent pending #09/066,163

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