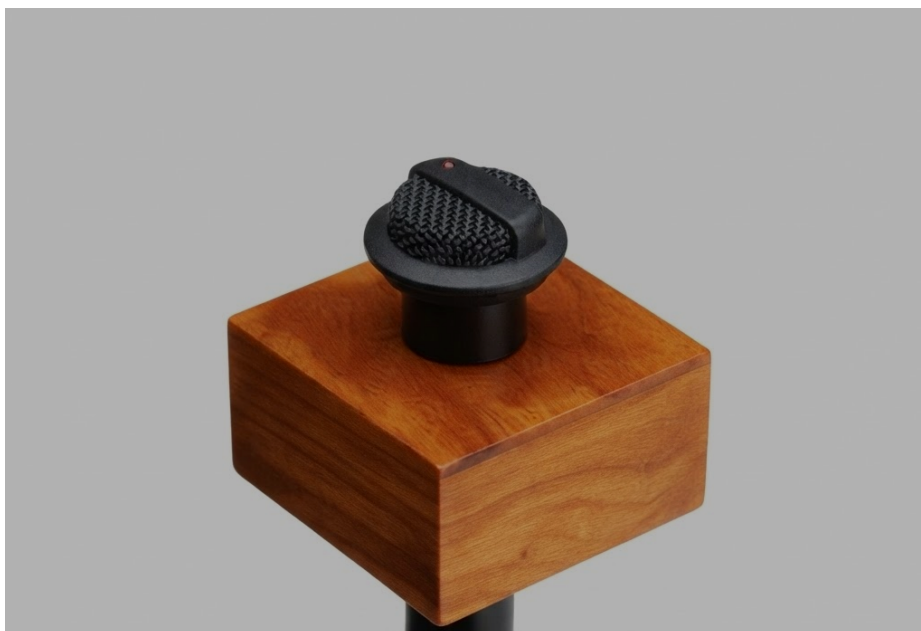


MODEL: HT-MHT-01

Digital Boundary Layer Flush Mount Popup Microphone

Architectural retractable audio engineering designed specifically for premium boardroom environments



TECHNICAL SPECIFICATIONS

Acoustic Architecture	Dedicated boundary layer unit with discreet flush-mountable architectural design
Deployment Mechanism	Mechanical pop-up chassis featuring a push-to-enable deployment mechanism
Polar Pattern	Cardioid polar pattern optimized to minimize ambient room noise
Frequency Response	40 Hz to 18 kHz broad frequency spectrum
Max Sound Pressure Level (SPL)	142 dB (at >3% THD) high SPL capacity
Sensitivity Rating	-40 dBV/Pa
Signal-to-Noise Ratio (SNR)	65 dB(A) or better pristine audio clarity
Internal Electronic Impedance	Strictly rated at 200 ohms
Physical Dimensions	Maximum length: 86 mm, width: 50 mm, diameter: 40 mm (minimal table footprint)
Control Interface	Touch-enabled capacitive button for instant toggle between mute and un-mute states
Visual Telemetry	High-visibility LED indicator providing real-time status telemetry
Signal Transmission	Secure, balanced 3-Pin XLR interface
Power Requirements	Operates seamlessly on standard external DC 11-52V Phantom Power from upstream processors/mixers

KEY ADVANTAGES & FEATURES

Retractable Architectural Design

The sleek push-to-enable pop-up mechanism allows the microphone to remain flush with the table surface when not in use, preserving the clean aesthetics of executive boardrooms.

Intuitive Touch Control & LED Feedback

Delegates can effortlessly toggle mute states via the touch-sensitive capacitive surface, while the bright integrated LED ring provides instant visual feedback on active microphone status.

High Dynamic Range & Noise Rejection

Engineered with a 142 dB max SPL threshold and Cardioid polar pattern, the unit captures pristine vocal audio while effectively suppressing background room reflections and ambient noise.