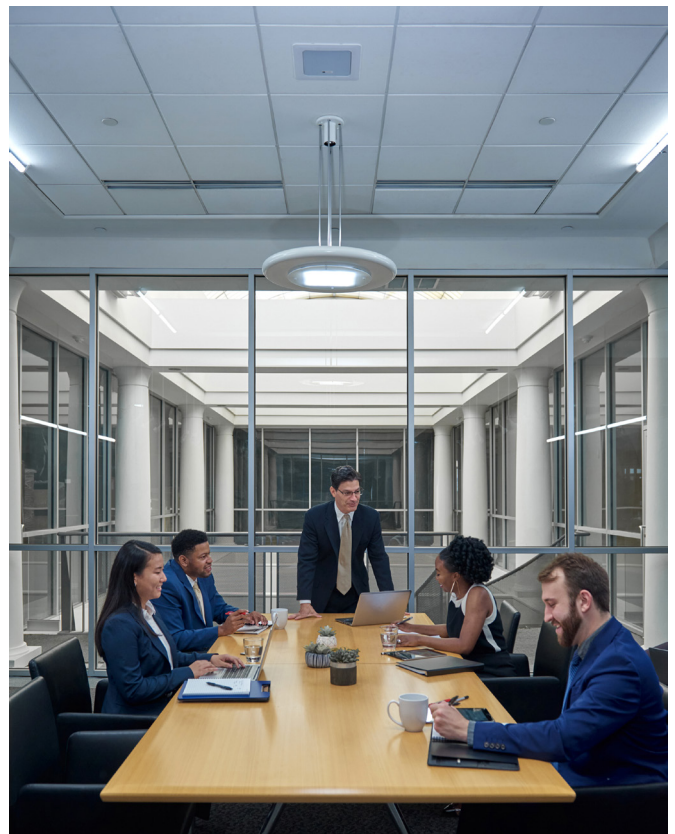# ATND1061LK
Beamforming Ceiling Array Microphone

Features

- The ATND1061 beamforming microphone array is an ideal solution for conference rooms, boardrooms, and meeting spaces large and small

- Powerful onboard DSP: automix, acoustic echo cancelation, noise reduction, automatic gain control, and 4-band EQ

- User-friendly Digital Microphone Manager software easily configures single or multiple ATND1061 microphone settings

- Six individual output channels with up to 32 user-defined microphone pickup zones provide the flexibility to cover a wide variety of room sizes and meeting types

- Output Channel 1 can be configured with up to 16 user-defined Coverage Zones to ensure coverage of nonpriority or unplanned participants

- Output Channels 2–6 can be configured with up to 16 user-defined Priority Zones to ensure priority pickup of participants in known locations

- Separate output for a mix of channels 1-6 created in the device

- Proprietary voice activity detection (VAD) technology enables the microphone to discern between a voice and unwanted noises such as paper shuffling

- Exclusion zones can be set in the software to avoid known sources of unwanted noise (such as air-handling systems)

- Audio-Technica Link output

- Two Audio-Technica Link connections for integration into an Audio-Technica Link daisy chain setup, as well as a network connection for configuring the individual room settings

- Mounts flush or on the surface of a drop ceiling or hard ceiling, or in open architecture spaces using VESA mount (not included)

- UL 2043 compliant for installation in plenum spaces

- Includes tile bridge, safety wiring, and mounting hardware and accessories

- Low-reflective white finish matches ceiling tiles in most environments

- Powered via Audio-Technica Link devices (link extender)

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Specifications

General

Power requirement	+48 VDC (Audio-Technica LINK)
Power consumption	Max. 5.2 W
Operation temperature range	0°C to 40°C (32°F to 104°F)
Operation humidity range	25% to 85% (Non condensing)
Dimensions	227.5 mm (9.0") × 227.5 mm (9.0") × 30 mm (1.2") (W×D×H)
Weight	1243 g (44 oz)
Plenum rating	UL 2043

Microphone

Beam width	90°
Polar pattern	Beam pattern
Frequency response	60 Hz to 18,000 Hz
Sensitivity	-8 dBFS (1 kHz, 94 dBSPL)
Dynamic range	89 dB (A-weighted)
Signal to noise ratio	61.5 dB (A-weighted)
Self-noise	25 dBSPL (A-weighted)
Maximum input sound level	102 dBSPL

Analog audio

Frequency response	20 Hz to 20 kHz (+1.0/-2.0 dB)
Dynamic range	100 dB (A-weighted)
Signal to noise ratio	80 dB (A-weighted)
Headroom	20 dB
Residual noise	-75.8 dBu (A-weighted)
T.H.D	<0.1% (1 kHz, unity)
Analog input	MIC Maximum: -30 dBu MIC Unity: -50 dBu LINE Maximum: +12.2 dBu LINE Unity: -10 dBV, Switchable
Analog output	OUTPUT Maximum: +19.2 dBu OUTPUT Unity: +4 dBu/-10 dBV/-33 dBV, Switchable

Other

Network	Audio-Technica Link: 100 Mbps IP control: 100 Mbps
Digital audio	Sampling rate: 48 kHz Bit depth: 24-bit
Latency	Microphone (CH1 to CH6): 47 msec Microphone (Auto Mix CH): 79 msec
I/O connector	Network/ Audio-Technica Link: RJ-45 Analog input: Euroblock 3-pin Analog output: Euroblock 3-pin GPI: Euroblock 3-pin
Phantom power	Analog input: 12 V
Included accessories	• IR remote controller • Surface mount adapter • Screw (M4 × 50 mm) × 4 • Flush mount adapter • Flush mount cover • Screw (M4 × 10 mm) × 12 • Hole cover • Nut × 4 • Snap bushing × 2 • Tile bridge A × 2 • Tile bridge B × 2 • Tile bridge C × 4 • Seismic cable • Zip tie • Safety belt • Euroblock connector × 3 • Installation template

For product improvement, the product is subject to modification without notice.