

ATND1061DAN

Beamforming Ceiling Array Microphone



Features

/ Powerful onboard DSP

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

/ Digital Microphone Manager

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

Customisable

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.

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

VAD technology

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

Network and Dante™

Two network ports with Single Cable and Split modes to send Dante audio and microphone control data together or separately over category cable.

- Powered by network PoE.
- Mounting and accessories
- Mounts flush or on the surface of a drop ceiling or hard ceiling, or in open architecture spaces using VESA mount.
- Includes tile bridge, safety wiring, and mounting hardware and accessories.

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Specification

General

Power Requirement	PoE (IEEE 802.3af Class 0)
Power Consumption	Max. 7 W
Operation Temperature Range	0 C to 40 C (32 F to 104 F)
Operation Humidity Range	25% to 85% (Non condensing)
Dimensions (W x D x H)	227.5 mm (9.0") x 227.5 mm (9.0") x 30 mm (1.2")
Weight	1250 g (44 oz)

Microphone

Beam Width	90°
Polar Pattern	Beam pattern
Frequency Response	60 Hz to 18,000 Hz
Sensitivity	-8 dBFS (1 kHz, 94 dB SPL)
Dynamic Range	89 dB (A-weighted)
Signal to Noise Ratio	61.5 dB (A-weighted)
Self-Noise	25 dB SPL (A-weighted)
Maximum Input Sound Level	102 dB SPL
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
Analog Output	OUTPUT Maximum: +19.2 dBu OUTPUT Unity: +4 dBu/-10 dBV/-33 dBV, Switchable

Other

Network	Dante: 1 Gbps 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 Dante: Min. 250 usec, Max. 5 msec
I/O Connector	Network/Dante: 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 x 50 mm) x 4
- Flush mount adapter
- Flush mount cover
- Screw (M4 x 10 mm) x 12
- Hole cover
- Nut x 4
- Snap bushing x 2
- Tile bridge A x 2
- Tile bridge B x 2
- Tile bridge C x 4
- Seismic cable
- Zip tie
- Safety belt
- Euroblock connector x 3
- Installation template

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