



# ATND1061DAN

## BEAMFORMING ARRAY MICROPHONE



### 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 (VESA mount not included).

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



### Specifications

#### General

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

#### Microphone

<b>Beam Width</b>	90
<b>Polar Pattern</b>	Beam pattern
<b>Frequency Response</b>	60 Hz to 18,000 Hz
<b>Sensitivity</b>	-8 dBFS (1 kHz, 94 dB SPL)
<b>Dynamic Range</b>	89 dB (A-weighted)
<b>Signal to Noise Ratio</b>	61.5 dB (A-weighted)
<b>Self-Noise</b>	25 dB SPL (A-weighted)
<b>Maximum Input Sound Level</b>	102 dB SPL

#### Analog audio

<b>Frequency Response</b>	20 Hz to 20 kHz (+1.0/-2.0 dB)
<b>Dynamic Range</b>	100 dB (A-weighted)
<b>Signal to Noise Ratio</b>	80 dB (A-weighted)
<b>Headroom</b>	20 dB
<b>Residual Noise</b>	-75.8 dBu (A-weighted)
<b>T.H.D</b>	<0.1% (1 kHz, unity)
<b>Analog Input</b>	MIC Maximum: -30 dBu MIC Unity: -50 dBu LINE Maximum: +12.2 dBu LINE Unity: -10 dBV, Switchable
<b>Analog Output</b>	OUTPUT Maximum: +19.2 dBu OUTPUT Unity: +4 dBu/-10 dBV/-33 dBV, Switchable

#### Other

<b>Network</b>	Dante: 1 Gbps IP control: 100 Mbps
<b>Digital Audio</b>	Sampling rate: 48 kHz Bit depth: 24 bit
<b>Latency</b>	Microphone (CH1 to CH6): 47 msec Microphone (Auto Mix CH): 79 msec Dante: Min. 250 usec, Max. 5 msec
<b>I/O Connector</b>	Network/Dante: RJ-45 Analog input: Euroblock 3 pin Analog output: Euroblock 3 pin GPI: Euroblock 3 pin
<b>Phantom Power</b>	Analog input: 12 V
<b>Included Accessories</b>	<ul style="list-style-type: none"> <li>• IR remote controller</li> <li>• Surface mount adapter</li> <li>• Screw (M4 x 50 mm) x 4</li> <li>• Flush mount adapter</li> <li>• Flush mount cover</li> <li>• Screw (M4 x 10 mm) x 12</li> <li>• Hole cover</li> <li>• Nut x 4</li> <li>• Snap bushing x 2</li> <li>• Tile bridge A x 2</li> <li>• Tile bridge B x 2</li> <li>• Tile bridge C x 4</li> <li>• Seismic cable</li> <li>• Zip tie</li> <li>• Safety belt</li> <li>• Euroblock connector x 3</li> <li>• Installation template</li> </ul>

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