



/ Beamforming Ceiling Array Microphone

ATND1061



A decorative graphic on the left side of the page, showing a close-up, angled view of a microphone grille. The grille has a fine, perforated mesh pattern and is set against a light gray background. The shape is roughly triangular, pointing towards the top right.

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Overview

The **ATND1061 Beamforming Ceiling Array Microphone** is an ideal solution for **conference rooms, boardrooms, and meeting spaces large and small.**

The microphone may be used singly or in multiples (for larger meeting spaces) to **capture every person** speaking in a room with **clear, natural audio** that reduces distracting environmental sounds.

A **state-of-the-art** professional product in a familiar form factor (roughly the size of a wireless access point), the **ATND1061** is **easy to install, set up, and operate.**

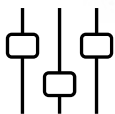
Room configuration, zone setup, and other settings are handled through the user-friendly Digital Microphone Manager software application. The ATND1061 has six individual output channels, which, collectively, can be configured with up to 32 user-defined microphone pickup zones, providing the flexibility to cover a wide variety of room sizes and meeting types.

The ATND1061 can be flush- or surface-mounted in a drop ceiling or hard ceiling, or mounted in open architecture spaces via a standard VESA mount. The ATND1061 is UL 2043 compliant for installation in plenum spaces. All mounts, safety wiring, mounting hardware, and accessories are included.

An IR remote is also included to allow users to quickly mute the microphone when a muting function is not available in the room configuration. The IR Remote can also be used to recall presets or toggle the Power Save Mode on and off.

The Dante-enabled ATND1061DAN has two network ports, which can be configured to fit any installation requirement. In “Single Cable Mode,” Dante audio and microphone control data are sent together over a single standard category cable. In “Split Mode,” Dante audio and microphone control data are sent separately over two category cables.

Plug-ins are available for popular control systems.



Digital
Microphone
Manager
Software



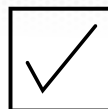
Noise
Reduction



Digital
Processing



Beamforming
Microphone
Array



Plenum
Rated



AEC



Dante
Output

/ Trusted Partners in Delivering High-Quality Audio

Certifications and Integrations

The ATND1061DAN has been recognized as a trusted solution by many of the industries top technology brands.



Microsoft Teams and Q-SYS

Audio-Technica ATND1061DAN Ceiling Array is certified for Microsoft Teams Rooms as part of a Q-SYS system. With this new certified offering, users can take advantage of the flexible and scalable Q-SYS audio, video and control Platform and have confidence in clear and articulate audio quality, rejection of unwanted sounds and the option to trigger camera position presets using the real-time positioning data from the A-T microphone.

Google Meet and Q-SYS

The Audio-Technica ATND1061DAN Ceiling Array is certified for Google Meet as part of a Q-SYS system. This certification allows integrators and end users the flexibility to select any Q-SYS Core Processor to ensure seamless integration with Google Meet hardware.

Zoom Rooms and Q-SYS

The Audio-Technica ATND1061DAN Ceiling Array has been certified for use with Zoom Rooms, as part of a Q-SYS system. With this new certified offering, users can take advantage of the flexible and scalable Q-SYS audio, video and control Platform and have confidence in clear and articulate audio quality, rejection of unwanted sounds, and the option to trigger camera position presets using the real-time positioning data from the ATND1061DAN.

Q-SYS

Audio-Technica has developed a Q-SYS control plug-in to integrate the ATND1061DAN into the Q-SYS Ecosystem.

Crestron

A plug-in has been developed to integrate the ATND1061DAN into Crestron systems.

Cisco

Audio-Technica is a Cisco Solution Partner and Select Developer. The ATND1061DAN is certified to integrate seamlessly with Cisco technology.

Extron

The ATND1061DAN can be operated via Extron control systems using the Extron Global Configurator Plus or Global Configurator Professional software

Aveo Systems

The ATND1061DAN integrates with Mira Connect™, Aveo Systems' smart touchscreen control system, which supports muting and level adjustment of the microphone's audio channels.


Symetrix

The ATND1061DAN seamlessly integrates with Symetrix products via the Symetrix Composer software.

Barco

The ATND1061DAN is compatible with Barco ClickShare Conference.





/ Beamforming Ceiling Array Microphone

A Mic for All Meetings

The ATND1061 Beamforming Ceiling Array Microphone is a state-of-the-art, professional conferencing solution for meetings of any size – from boardrooms to classrooms. Capture every person speaking in a room with clear, natural audio that reduces distracting environmental sounds.





/ Include or Exclude Sound Sources

Beam and Zone Operation

Each microphone supports a maximum of 6 simultaneous beams as defined below:

One beam will cover **Up to 16 Coverage Zones**

Five simultaneous beams will cover **Up to 16 Priority Zones**

Unlimited Exclusion Zones

/ Beamforming Ceiling Array Microphone

Stand Alone or Multiple Units

Stand Alone Mode

Each microphone operates independently

AEC Reference can be shared across the units via Dante

ATND1061DAN (Dante enabled version)

Link Mode

Allow Gain Sharing link

Multiple ATND1061 units

Managed in the Digital Microphone Manager software

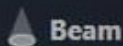




New Project

ATND1061DAN(1)

ATND1061DAN



Beam



Audio



Camera

Coverage ... Priority 1 ... Priority 2 ... Priority 3 ... Priority 4 ... Priority 5 ... Analog Input



+0 dB



+0 dB



+0 dB



+0 dB



+0 dB



+0 dB

Line

+12V

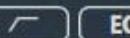


EQ

4 Band EQ

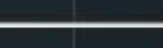


Auto Mix
Active

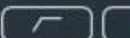


EQ

4 Band EQ

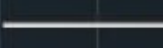


Auto Mix
Active

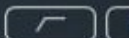


EQ

4 Band EQ

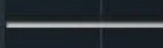


Auto Mix
Active



EQ

4 Band EQ



Auto Mix
Active



EQ

4 Band EQ



Auto Mix
Active



EQ

4 Band EQ

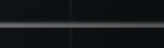


Auto Mix
Active



EQ

4 Band EQ



Auto Mix
Active

CH 1

Mute

CH 2

Mute

CH 3

Mute

CH 4

Mute

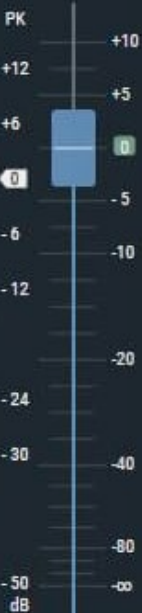
CH 5

Mute

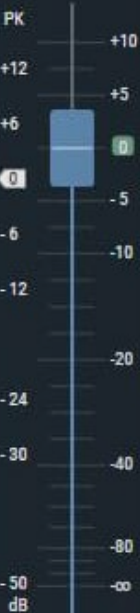
CH 6

Mute

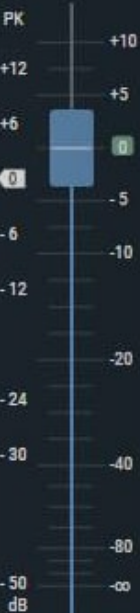
Analog In



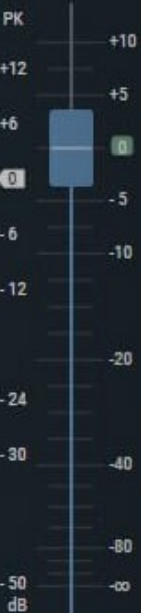
0.0 dB



0.0 dB



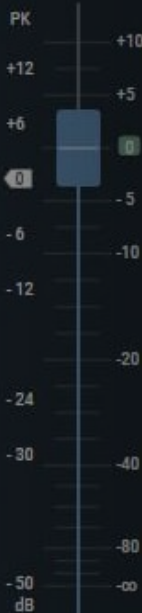
0.0 dB



0.0 dB



0.0 dB



0.0 dB

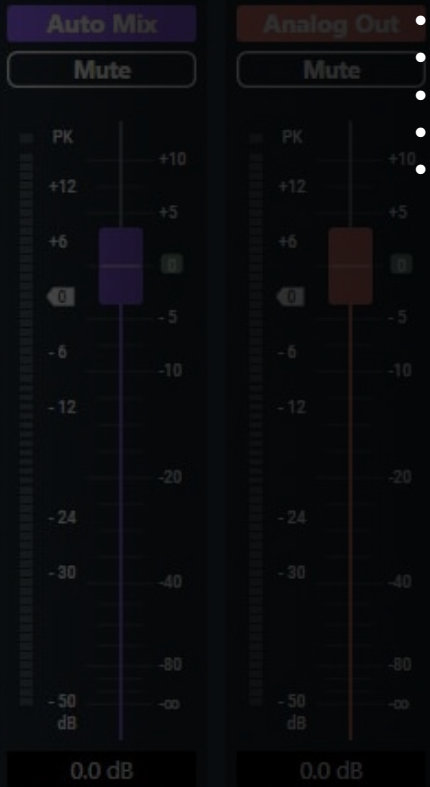


0.0 dB

/ Include or Exclude Sound Sources

Built-In Mixing & Processing

- 6 Channel Auto Mixing
- Automatic Gain Control
- Acoustic Echo Cancelling
- Noise Cancellation
- 4 Band EQ
- Low cut



ATND10610

AGC

AEC

4 Band EQ

Expert Mode

Band	1	2
Gain	-5	-10
Freq	24	21
Q	0.75	0.75
Type	Low	High

Mounting Options



/ VESA Interface 75x75

VESA Mount Ready



/ All Mounting Hardware Included

Flush Mount

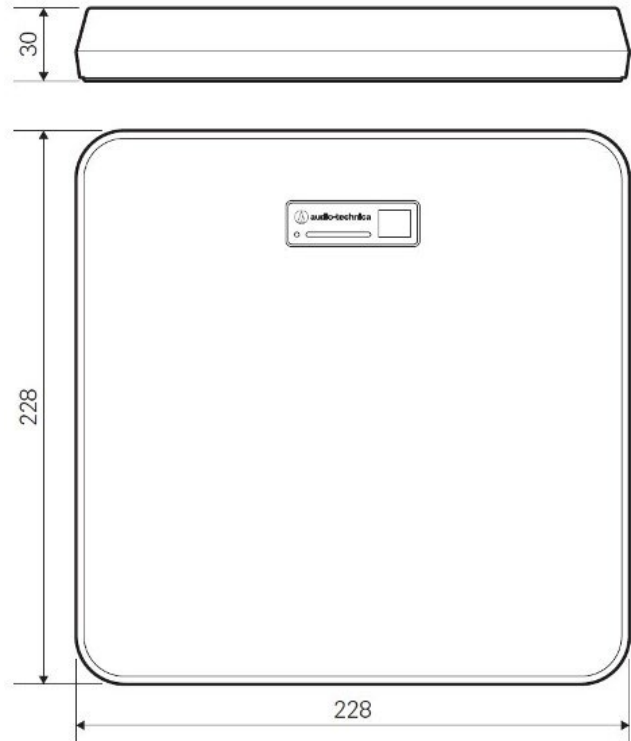


/ All Mounting Hardware Included

Surface Mount

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
 - 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)
 - Two network ports with Single Cable and Split modes to send Dante audio and microphone control data together or separately over category cable (ATND1061DAN)
 - Mounts flush or on the surface of a drop ceiling or hard ceiling, or in open architecture spaces using VESA mount
 - 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 by network PoE



Specifications

General Specifications - Beamforming Array

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	227.5 mm (9.0") × 227.5 mm (9.0") × 30 mm (1.2") (W × D×H)
Weight	1250 g (44 oz)
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	<ul style="list-style-type: none">• 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

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 25 dBSPL (A-weighted)
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

Microphone

Beam Width 90-degrees

Polar Pattern Beam pattern

Frequency Response 60 Hz to 18,000 Hz

Maximum Input Sound Level 102 dBSPL

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)



audio-technica

Audio-Technica UK

Audio-Technica Ltd.

Technica House, Unit 5, Millennium
Way, Leeds, LS11 5AL
England

T: +44 (0)113 277 1441

F: +44 (0)113 270 4836

E: info@audio-technica.co.uk

Audio-Technica Germany

Audio-Technica Deutschland GmbH

Peter-Sander-Str. 43 C
55252 Mainz-Kastel
Germany

T: +49 (0) 6134 25734 0

F: +49 (0) 6134 25734 50

E: info@audio-technica.de

Audio-Technica France

Audio-Technica SAS

130 rue Victor Hugo
92300 Levallois-Perret
France

T: +33 (0) 1 43 72 82 82

E: info@audio-technica.fr

Audio-Technica Spain
Audio-Technica Iberia SAU

Oficina Barcelona: Montserrat Roig 13
08908 L'Hospitalet de Llobregat
Barcelona, Spain

T: +34 935 222 450

Oficina Madrid: Fresadores 35
28939 Arroyomolinos, Madrid, Spain

T: +34 916 144 671

E: info@audio-technica.es

Audio-Technica Central Europe
Audio-Technica Central Europe Ltd.

H-1107 Budapest
Fogadó u. 3.
Hungary

T: +36 1 433 34 08

F: +36 1 431 90 06

E: info-ce@audio-technica.eu

Audio-Technica Benelux
incorporating lemke Roos Audio
Audio-Technica Benelux B.V.

Kuiperbergweg20
1101 AG Amsterdam
The Netherlands

T: + 31 20 6972121

E: info@audio-technica.nl