

Unison360 (USN-360)

Omnidirectional Conference Speakerphone



DESCRIPTION

The Aniston Unison360 (USN-360) is a premium 360° omnidirectional speakerphone designed for modern hybrid workspaces, meeting rooms, classrooms, and remote conferencing.

Equipped with an 8-element MEMS microphone array, it delivers crystal-clear voice pickup within a 6-meter radius, ensuring every participant is heard with clarity. Built-in AI-powered noise cancellation algorithms filter over 300 types of background noise, creating a smooth, professional audio experience even in challenging acoustic environments.

With USB plug-and-play connectivity, PoE+ support, cascading up to 4 units, and broad compatibility (Windows, macOS, Android, Linux), the Unison360 adapts seamlessly to small huddle rooms, mid-sized collaboration spaces, and large boardrooms.

Featuring a powerful 3W speaker, beamforming technology, and touch-sensitive controls, the USN-360 is the perfect companion for enterprise AV solutions in conferencing, training, and collaborative environments.

FEATURES

- **360° Omnidirectional Voice Pickup**
8 MEMS microphones capture speech evenly across the room, ensuring natural conversations in any seating arrangement.
- **Extended Pickup Radius**
Covers up to 6 meters, ideal for medium and large meeting rooms.

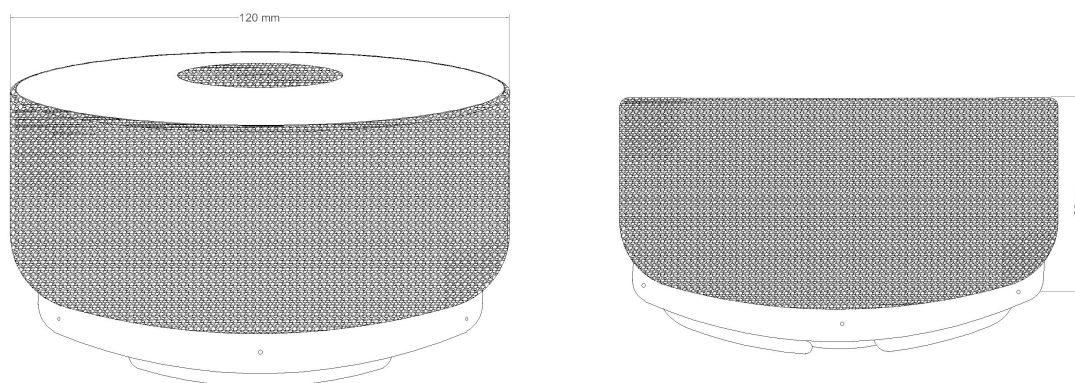
- **Advanced Noise Cancellation**
AI algorithm filters 300+ noise types (typing, paper shuffling, HVAC), delivering professional-grade clarity.
- **Integrated High-Fidelity Speaker**
Built-in 3W speaker with 100Hz–20kHz frequency response ensures rich, natural sound playback.
- **USB Plug-and-Play**
Driver-free operation with Type-C USB, instantly recognized by conferencing platforms.
- **Cascading Support**
Up to 4 units linked via PoE networking, providing scalable coverage for large conference halls.
- **Universal Compatibility**
Works seamlessly with Windows 7+, macOS, Linux, Android; optimized for Zoom, Teams, Meet, Webex.
- **Compact & Professional Design**
Lightweight (513g), portable, and designed for enterprise boardroom aesthetics.

TECHNICAL SPECIFICATIONS

Model	Unison360
Model Number	USN-360
Microphone Type	360° Omnidirectional
Microphone Array	8 MEMS microphones
Pickup Radius	Up to 6m
Sampling Rate	>16x
Noise Cancellation	AI algorithm, 300+ noise types filtered
Beamforming	Supported
Speaker Power	3W
Speaker Frequency Response	100Hz – 20kHz
Voice Enhancement	Built-in DSP echo cancellation
Full Duplex Audio	1/30s ~ 1/10000s
Connectivity – USB	1 × USB 2.0 Type-C
Connectivity – PoE	1 × RJ45 PoE input
Power Supply	USB 2.0 DC 5V, or DC 53V via PoE
Cascading	Up to 4 devices (PoE networking)
Touch Control	Volume + / – , Mic Mute, Call Answer/End
Indicators	LED ring for status
OS Compatibility	Windows 7+, macOS, Linux, Android
Conferencing Apps	Teams, Zoom, Meet, Webex, BlueJeans
Meeting Room Size	Small / Medium / Large
USB Audio Support	Plug-and-play, driver-free
Audio Codec Support	UAC 1.0 / UAC 2.0
Acoustic Echo Cancellation	Supported
Latency	Ultra-low latency (<20ms)
Automatic Gain Control	Supported
Dynamic Range	Wideband HD voice
Audio Processing	DNR (Digital Noise Reduction)
Enclosure	ABS + Fabric mesh
Dimensions	Ø126mm × 67mm
Package Dimension	314mm × 172mm × 89mm
Net Weight	513g
Gross Weight	1338g
Mounting	Tabletop placement

Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Compliance	CE, FCC, RoHS
Security	Encrypted data transfer over USB
PoE Standard	IEEE 802.3af
Included Accessories	USB-C cable, Quick Start Guide
Expansion	Cascading via PoE for daisy-chain setup
Upgradeability	Firmware upgrade via USB
Dimensions (D×H)	120x60 mm
Weight	~2.0kg
Status Display	LED visual indicators
Audio Modes	Conference / Music Playback
Compliance Limited	CE, FCC, RoHS, BIS Certified.
Warranty	3 years (optional extension to 5 years)

PRODUCT DIMENSION



HQ Asia

asia@anistonav.com
anistonav.com

Europe

europe@anistonav.com
anistonav.com/europe

United States

unitedstates@anistonav.com
anistonav.com/us/

Middle East

uae@anistonav.com
anistonav.com/uae



ANISTON TECHNOLOGIES LLP

anistonav.com
E-mail: info@anistonav.com

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