

A22 Bluetooth Conference Speakermic



8 MEMS
Microphones
Array



Support
Bluetooth



AI Noise
Suppression



Full-duplex



Daisy-chain



Plug & Play

NEARITY A22 SpeakerMic offers USB/Bluetooth connection with premium sound quality and industry leading adaptability to organizations of any size. The 5m audio range and advanced AI driven sound processing foster clear communication, while NEARITY proprietary hand-by-hand daisy-chain technology makes expansion easy.

Product features

AI enabled echo cancellation

Advanced audio algorithm effectively removes acoustic echo and room echo while providing meeting equity - even in challenging environments.

Full-duplex communication

Advanced full-duplex allows both sides to speak and be heard simultaneously, essential during intense discussion or brainstorming.

Daisy-chain room expansion

Right-size your audio footprint by connecting up to 6 A22 units to ensure every voice is heard, regardless of room size.

Easy setup with USB/Bluetooth Connection

Nearity A22 can connect to PCs, tablets, and smartphones via the USB cable and Bluetooth(with dongle), making the connection more flexible.

Customizable audio settings

Customize the sound levels using the Nearsync software.

- 8 MEMS microphone array
- Effective pickup distance: 5m(16ft)
- AI Noise Suppression
- Echo Cancellation
- Reverberation Reduction
- Full Duplex
- Daisy-chain up to 6 units via Ethernet Cable
- USB/Bluetooth Connection

NEARITY A22 Datasheet

Contents	Technical Specifications
Microphone Features	8 MEMS microphones array
	Effective pickup distance: 5m(16ft)
	Sensitivity: -38dBFS 94dB SPL@1kHz
	SNR: 63dBV/Pa 94dB SPL@1kHz,A-weighted
Speaker Characteristics	Rated output power: 4Ω/5W
	Speaker frequency response: 220Hz~12kHz
	Speaker volume: 80±3dB @1m
	THD<5%
Audio Characteristics	Beamforming
	Voice Activity Detector(VAD)
	AI noise suppression
	Full-duplex
	Echo cancellation
	Automatic Gain Control (AGC)
	Reverberation suppression
Daisy-chain	POE UTP RJ45 (CAT6)
	Maximum daisy-chain 6 units
Physical Characteristics	Height: 64mm (2.5 inches)
	Width: 120mm (4.7 inches)
	Depth: 120mm (4.7 inches)
	Net weight: 359g (12.66 oz)
	Color: Deep Tarnish
Power and Connectivity	External power supply: DC 48V/0.6A or USB 5V/0.5A
	Compatible operating systems:Windows/Mac/Linux
	USB port: USB 2.0 Type-C
	Bluetooth 5.0 Supported Bluetooth profiles: A2DP, AVRCP, HFP, HSP, BLE
Packing List	A22*1, USB cable*1, Bluetooth Adapter*1, UTP ethernet Cable (Cat6)*1, Power Adapter*1, User Guide*1

*All tech specs are subject to change without notice.

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