Nearity

AM10P Desktop Beamforming Microphone

Red Dot Award

8 MEMS Microphones Array

POE
POE Connection

Audio Gain Controls

The Nearity AM10P is a PoE powered tabletop microphone device for enterprise conference rooms or educational scenarios. Equipped with an 8-MEMS microphone array and using algorithms such as AI voice activity detection, adaptive beamprocessing, automatic feedback suppression, echo cancellation, noise suppression, and automatic gain control, the AM10P can be applied to various types of conference rooms for conferencing and local sound amplification.

Product features

SUPER-FOCUSED CRISP AND CLEAN AUDIO

AM10P utilizes Nearity revolutionary deep learning algorithm for pristine sound. With 8-element high-quality microphones, it specializes at capturing front audio while minimizing background noise.

SMART ONBOARD CONTROL FOR SMART STREAMING

Take control of your on-stream sound with 3-level audio algorithm controls. You can adjust the pickup effect by three levels of sensitivity through the Mode button.
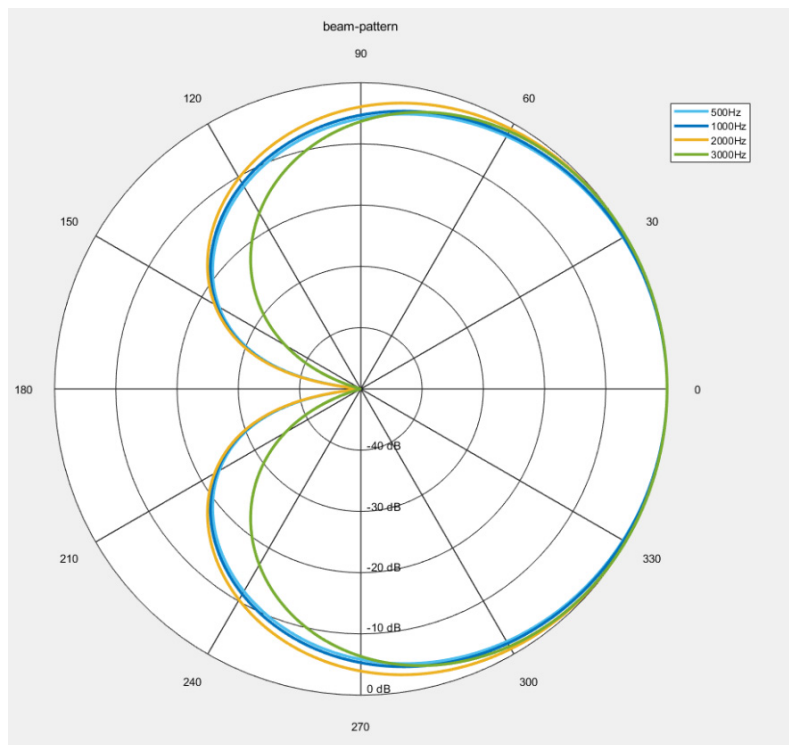
POWERED BY POE

AM10P is connected to the POE switch through a PoE network cable for power supply and audio transmission. Together work with the AMX100 audio processor, one AMX100 can be connected to 16 channels of AM10P simultaneously.

Elegant design – Red Dot Award winner

NEARITY AM10P Datasheet

Contents	Specifications	Technical Parameters
Microphone	Microphone type	8-element MEMS microphone array
	Sensitivity	-38dBV/Pa 94dB SPL@1kHz
	S/N	63dBV/Pa 94dB SPL@1kHz,A-weighted
	Polar pattern	Cardioid, forward 30° area
Audio Features	Directional beam	Suppression up to 20dB
	Noise suppression	Supported
	AGC	Supported
	Reverbration suppression	Supported
	AWAoIP	Input 1Channel 32K sampling 16bit sampling depth (reference signal) Output 1Channel 32K sampling 16bit sampling depth
	AUX OUT	Connect headphones, monitor/simultaneous interpretation
Dimension	Product dimensions	142*37*31mm
	Net weight	130g
Others	RJ45	PoE connection
	Reset Button	Supported
	Installation	Desktop
	Color	Black
	Packing list	AM10P*1, User Guide*1, Windshield Cotton*1, Desktop Bracket*1

beam-pattern

*All tech specs are subject to change without notice.