

AMX100 DIGITAL SIGNAL PROCESSOR



Accessories
for A50



Multiple
interfaces



USB-A/B
interface

NEARITY AMX100 DSP is a necessary component for the A50 ceilingmic. Its rich interfaces support the connection of loudspeakers, PCs, wireless microphones, ACT10 controllers and other devices. At the same time, it can be compatible with traditional MCU conference rooms, and easily apply to various conference scenes.

Product features

Advanced algorithms to enhance audio quality in A/V conferences

AEC (acoustic echo cancellation), AI noise reduction, reverberation suppression.

Flexible signal routing and connectivity

3.5mm analog audio in/out and TRS port to connect to room A/V conferencing system; USB-B port to connect to laptop or room PC; USB-C port to connect to additional microphone; phoenix ports to connect with loudspeakers, up to 8.

Power over Ethernet (PoE) for the ceilingmics power supply

support up to 8 Nearity ceilingmics with Daisy-chain connection

NEARITY AMX100 Datasheet

Contents	Technical Specifications	
Power and Connectivity	Speaker Interface	Phoenix*8
	Line in	3.5mm analog in
	Line out	3.5mm analog out
	TRS	6.35mm analog in
	Controller	RJ45 connet to ACT10
	Array Mic	RJ45 connet to Nearity ceilingmic, up to 8 via Daisy-chain
	USB-B	Type-B 2.0
	USB-A	Type-A 2.0
	Power	DC48V/5.2A
	Reset	Reset button
Physical Characteristics	Dimension	255.4(W)×163.8(D)×45.8(H)mm (10.05×6.45×1.8inches)

*All tech specs are subject to change without notice.