Nearity

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 louderspeakers, 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

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 louderspeakers, up to 8.

Power over Ethernet (PoE) for the ceilingmics power supply

Support up to 8 Nearity ceilingmics with Daisy-chain connection via POE

Simple and quick to form a local sound reinforcement system

The AMX100 can connect local wireless microphones and passive speakers to form a simple and fast local sound reinforcement system, and transmit wireless microphone sound to the remote participants via USB.

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 connect to ACT10
	Array Mic	RJ45 connect to Nearity ceilingmic, up to 8 via Daisy-chain
	USB-B	Type-B 2.0 connect ro PC
	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.