Nearity

AMix100S Digital Signal Processor
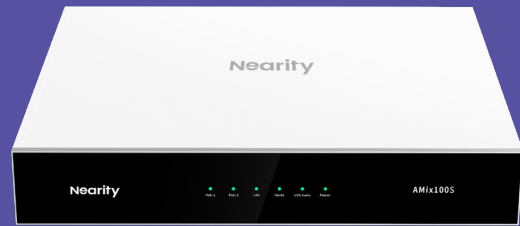
- **SONORITY ECOSYSTEM**
- **AI Deeplearning**
- **IP Networking**
- **Adjutable Pickup Area**
- **Dante Integration**

The AMix100S is not only a high-performance DSP, but also a network audio and video convergence gateway belonged to the new Sonority ecosystem series. It represents a new direction of audio and video technology, integrating edge computing, AVoverIP, AI intelligent 3A algorithms, 3D spatial voice pickup, virtual microphone arrays, and multi-modal audio IP Technologies such as hybrid networking are designed to provide users with high-quality audio and video and a simple deployment and maintenance experience.

Product features

IP Networking Wide Applicability

With IP-based hybrid networking technology and the flexible integration of ecosystem products, it meets the audio fusion needs of various scenarios, including meeting rooms, training rooms, lecture halls, and more.

Dante ecosystem Support

In more complex audio scenarios, it can be integrated into the Dante ecosystem, offering a more flexible audio and video solution.

Next-generation Central Gateway for Meeting Spaces

The AMix100S supports the integration and networking of various audio and video peripherals, traditional audiovisual systems, products, and the Dante ecosystem. It provides both local and remote unified management capabilities, creating an intelligent audiovisual platform for various meeting spaces. This ensures a superior audiovisual experience.

Eosystem Full Support, Flexible Networking

The AMix100S provides a variety of USB interfaces and POE cascading ports, supporting various audiovisual peripherals and enabling mixed networking with Sonority ecosystem products.

Secure Operations, Unified Control

Devices connected to the AMix100S can be easily monitored and managed remotely through the Nearsync platform, ensuring a centralized control for all Nearity hardware audio-video devices.

- IP-based Hybrid Networking
- Sonority Ecosystem Full Support
- Conference Hub Gateway
- Flexible Mixing and Routing Dispatch
- Local/Cloud-based
- Unified Management, Simplified Operations
- Dante Ecosystem Support
- Traditional AV Systems Integration

NEARITY AMix100S Datasheet

Module	Features	Technical specifications
Port	DC IN	54V/3.3A
	PoE Out	RJ45*2, Connect A21S/A31S
	LAN	RJ45*1
	Dante	RJ45*1
	Flex Channals	4, input/output switchable
	Analog In	1
	Analog Out	1
	USB	Type-A*3
	USB	Type-B*1
	Reset Button	Support
Physical	Dimension	317mm(L)*253mm(W)*45mm(H)
	Net Weight	1620g
	Packing List	AMix100S*1, Power adapter*1, USB cable(3m)*1, Flex IO*6, Accessory package*1

*All tech specs are subject to change without notice.