DIGISYN LINK™

DL-16 / DL-08
AES67 Audio Network Module

DL-08 / DL-16

8x8 / 16x16 Channel Audio Network Module

Applications: integrated into processor, microphone, amplifiers, speakers and various audio products

Ultra-low Latency

Lossless Sound Quality

192K
48/96/192KHZ Sampling Rate

DSP
Powerful DSP Functions

DigisynLink™ = Network+DSP

Advanced, Stable, Customizable

Audio products with DL-08/DL-16 module integrated can easily fit into existing local area network and automatically discover other DigisynLink™ enabled devices on the same network. DigisynLink™ module support the DSP function, according to the different requirement, includes: EQ, Delay, Mixer, AFC, Crossover, Fir.

Your products will be advanced with more potentials and lower product maintenance and operation cost.

Benefits

- AES67 protocol, no server required, IP assigned automatically ,Auto-discovery with Software
- Auto recovery from disconnection or power lost
- Superb audio performance with lossless sound quality
- Bundled with friendly GUI software ,fully visual operation interface: drag-line signal routing, equipment debugging and management
- API with documentations for third-party automation/integration*
- Continuously OTA firmware update

DSP Studio Software and Algorithms Up-To-Date

- Sampling rates, segment of EQ, delays and other DSP function optimization.
- Built-in future: Airplay, ANC etc*
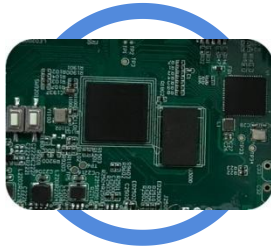- Life time OTA update

Stable and Sustainable Supply

Flexible functional architecture, the core technology supports various platforms, DigisynLink can achieve long-term stable supply

All In One Powerful Visual Management Software

Implemented in a DigisynLink software: the whole system visual signal connection, all equipment configuration and function management.

* API will be available by Q3 2022

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Support for MacOS / Windows systems

SPECIFICATIONS

Audio Capabilities	
Sample Rates	44.1/48/88.2/96/176.4/192kHz
Audio Channels In/Out (44.1/48kHz)	Up to 16x16 channels
Audio Channels In/Out (88.2/96kHz)	Up to 8x8 channels
Audio Channels In/Out (176.4/192kHz)	Up to 2x2 channels
Audio Flows In/Out	Up to 32x32 simultaneous streams
Digital Audio Format	TDM, I2S*
Audio Transport Format	AES67 RTP, Digisyn network audio
Sample Bit Depth	32bit/24bit/16bit
Clocking	Onboard word clock
DSP Function	PEQ, Delay, Mixer, AFC, Crossover, Fir, etc.

Hardware	
Form Factor	4.5cm x 5.5cm
Clock	High quality, low jitter
Physical Connector	Mini-PCI, BTB connector
Power	5V DC 2W

Interfacts	
Control Interfaces	SPI, GPIO, UART
Network	RMII

* API, 8x8@96kHz, 2x2@192kHz features will be available by Q3 2022
* Only DL-08 supports I2S