

DL-02 / DL-04

AES67 Network audio module



DL-02 / DL-04

2x2 / 4x4 channels network audio module

Application: Built into professional products such as amplifiers, microphones, speakers, etc., achieving network upgrade.



Ultra-low Latency



Submicrosecond
stabilityClock
synchronization

96K

48/96KHZ
Sampling Rate

DSP

Powerful DSP
function

DigisynLink™ = Network transmission + DSP function

High performance, stability, and freely defined functions

Audio products integrated with DL-02/04 network modules can easily connect to existing switch architectures and automatically discover other DigisynLinks™ network audio devices on the same network and achieve audio signal exchange.

DigisynLink™ module can also achieve rich DSP functions, and can be freely configured according to different needs, including: high and low pass, PEQ, Delay, Mixer, AFC, Crossover and FIR, and other functions.

Integrated DigisynLink™ module will greatly enhance its functional potential and lower product maintenance and operational costs.

Advantages

- AES67 protocol, do not need to rely on switches/servers, automatically assigns IP and discovers devices
- Friendly software interaction interface: drag and drop wired signal routing
- Automatic recovery of signal routing after power outage and network disconnection
- Low latency and stable network transmission performance
- Full visual operation interface: signal routing, device debugging and management
- Rich module interface types: Mini PCI/BTB connector for quick integration and use
- Functional/interface documentation required for open API and third-party system integration*
- Continuous OTA upgrades with timeless features

DSP Studio software and algorithms always keep up with the times

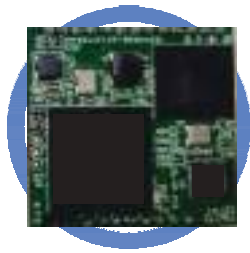
Lifetime OTA upgrade allows users to adjust the performance of different functions based on the DigisynLink module, such as higher sampling rate in DSP, EQ adjustment for more segments, and higher latency function. In the future, functions such as Airplay can even be added based on the DigisynLink module, providing more possibilities for users to design product features.

Stable and sustainable supply

Thanks to its flexible functional architecture and core technology support across platforms, DigisynLink™ Can achieve long-term stable supply.

All In One Powerful Visual Management Software

On a DigisynLink™ software implemented : visualized signal wiring for the entire system, configuration and functional management of all devices.



DL-04 / DL-02

AES67 network audio transmission module

Parameter features

Audio functions	
Sampling rate	44.1/48/88.2/96/176.4/192kHz
Audio channels In/Out (44.1/48kHz)	Up to 4x4 channels
Audio channels In/Out (88.2/96kHz)	Up to 4x4 channels
Audio channels In/Out (176.4/192kHz)	Up to 2x2 channels
audio streaming In/Out	Up to support 32 channels audio streaming
Digital Audio Format	I2S*
Audio Transmission Format	AES67 RTP, Digisyn network audio
Sampling depth	32bit/24bit/16bit
Clock	On board clock
DSP functions	PEQ, Delay, Mixer, AFC, Crossover, FIR, etc
Hardware parameters	
Size	2.8cm x 3cm
Clock	High precision, low swing clock
physical interface	2.0mm contact pin
Power	3.3V DC 2W
Interface	
Control interface	UART
Network	RMII