DIGISYN LINK
AES67 & DSP built-in

DLA04

4 x 4 AES67 Network Stagebox

DL-08 AES67 Module

AES67 AES67 Protocal

RAVENNA Partner

Professional Network Audio Input/Output

DLA04 is a versatile and feature-rich network audio adapter that can communicate with other network devices based on the AES67 protocol. The DLA04 network audio interface box provides high-quality network audio streams and flexible connectivity options for audio professionals. The DIGISYN LINK3 control logic simplifies system configuration and function management, making operation of audio devices more intuitive and convenient. The device's automatic recovery function and OTA upgrades ensure it stays at the forefront of technology, providing users with a stable audio transmission experience.

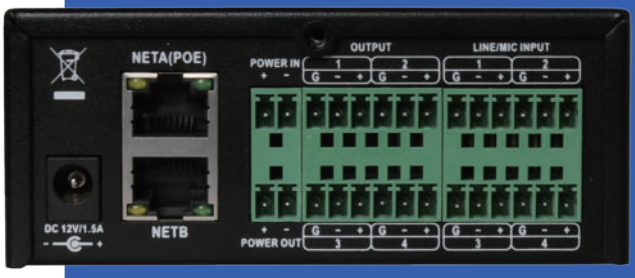
DLA04
Network Stagebox

DLA04 can interconnect with all AES67 devices.

AES67

Dante RAVENNA AES67 & ST 2110 built-in QSC

DLA04 Front

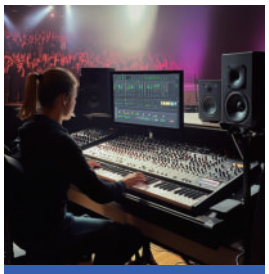


DLA04 Back

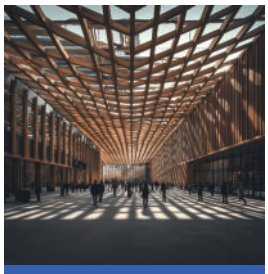
Independent Operation, Lossless Audio Transmission

DLA04 operates independently without the need for switch support, automatically assigning IP addresses and detecting devices. The DIGISYN LINK3 control software offers a comprehensive visual interface for signal routing and device debugging management. Additionally, it supports automatic recovery of signal routing after power loss and provides high-quality lossless audio transmission. It supports up to 96kHz sampling rate, 32-bit depth, featuring Hi-End level ADC and DAC. Moreover, it supports 48V phantom power, serving as a capacitor microphone input interface.

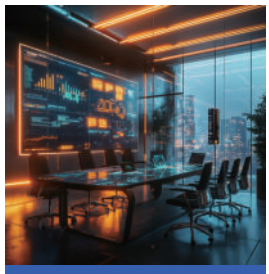
Applications



Live Music



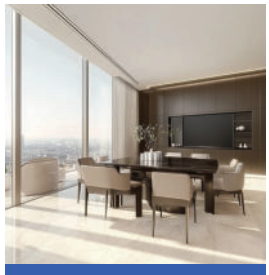
Public Address



Smart Education

Broadcast

Conference



Smart Home

Key Features

- **DIGISYN LINK3** provides functions such as signal routing and device debugging manage ment.
- **Automatic recovery of signal routing:** Automatically reconnects after power outage or network interruption.
- **Lossless audio transmission:** Supports up to 96k sampling rate, Hi-End level quality.
- **Supports 48V phantom power:** Meets power requirements of various audio devices.
- **OTA upgrades:** Continuously adds new features to keep the device up to date.
- **1/4 rack size:** Four DLA04 units can be installed in a standard 1U rack.

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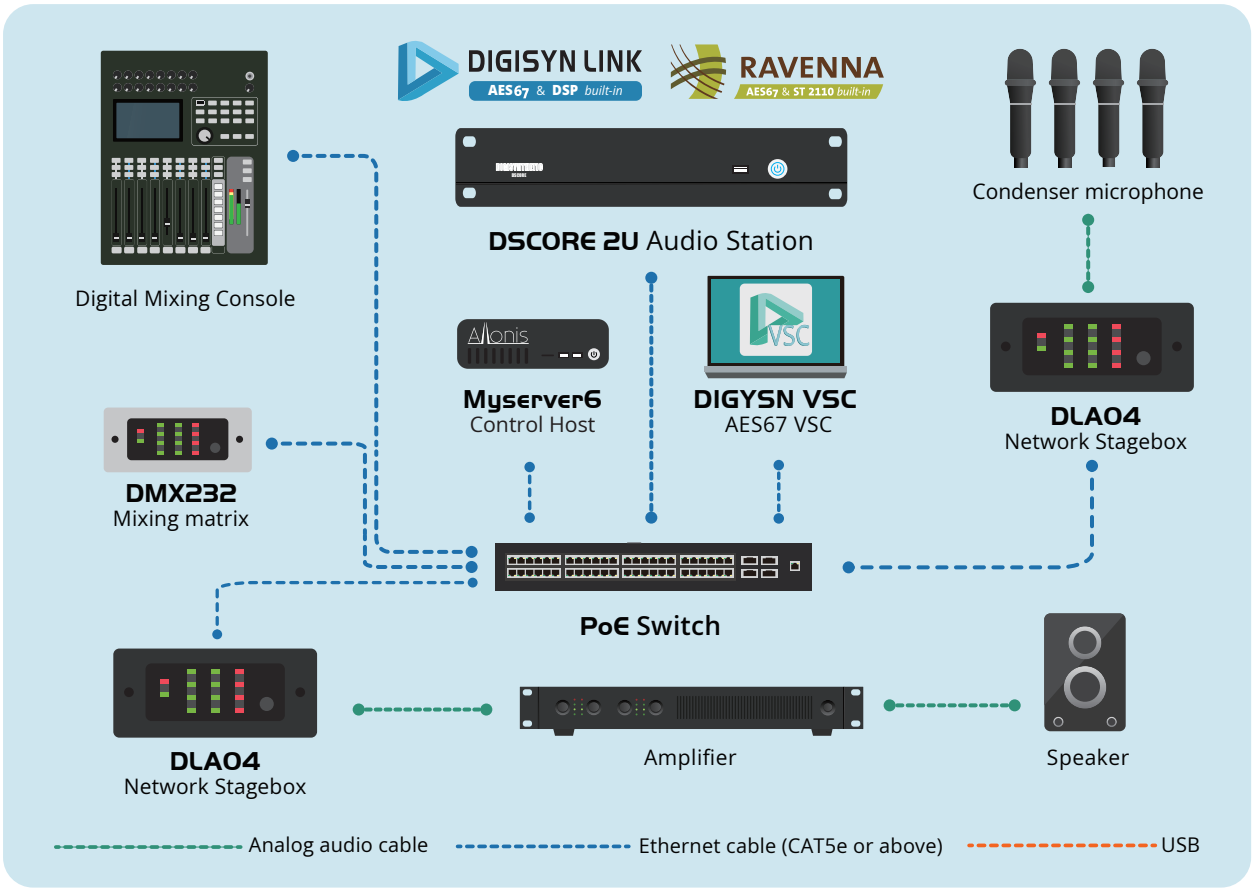
Topology Diagram



Technical Specifications

Audio Functions	
Sampling rate	48 / 96 kHz
Network latency	1 ~ 6 ms
Bit depth	16 / 24 / 32 bit
Channel isolation	84 dB，A-weighted，re+4 dBu
Frequency response	±0.3 dB 20 Hz - 20 kHz
Maximum input/output level	14 dBu @ 1 kHz, THD+N ≤ 1%
Dynamic range	110 dB, A-weighted
Mic preamp gain	0 / 15 / 20 / 24 dB
CMRR	≥50 dB @ 1 kHz, re+4 dBu
THD+N	0.005% @ re+4 dBu, A-weighted, 1 kHz
Hardware	
Analog channels	4 in 4 out
Network channels	4 in 4 out
Power supply	12V DC 1.5A / PoE power supply
Phantom power	48V 10mA ripple ≤ 10mV
Analog interfaces	Phoenix connectors
Network	100 Mbps
Dimensions	108 x 149 x 45 mm
Net weight	0.7 kg

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