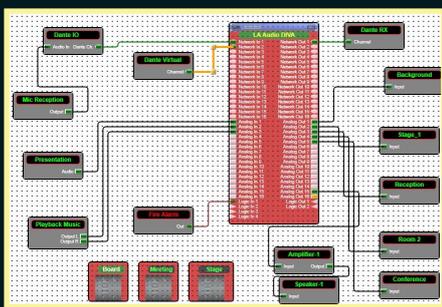




Digital Audio Matrix Processors



The LA Audio DIVA series are intelligent multi-zone Matrix Processors. DIVA series matrix processors are equipped with flexible audio processing and networking functions that are essential to a wide variety of applications. Responsible for the primary audio processing functions at the heart of your building's design. Ideally suited to; Commercial Buildings, Conference Centres, Houses of Worship, Hotels, Resorts, Retail Parks & Educational Institutions.



DIVA Matrix Processors are available in 8x8 and 16x8 configuration with high quality Mic/Line inputs, DSP Signal Processing and +48v phantom power per input.



DIVA "N" models bring the power of DANTE™ networked audio distribution to expand your capabilities. DIVA "AEC" models bring Advanced Echo Cancellation (AEC) for crystal clear teleconferencing and network meetings.

Ethernet control and & logic I/O seamlessly interface to your building management system for remote configuration and control whilst the elegant wall controller range allows simple user operation.

Simple configuration for demanding applications: Download a pre-designed DSP app for your system and tailor it using the DConsole software.

No matter how complex your requirements, the LA Audio DIVA range offers a scalable solution to audio distribution, control and processing.

LA Audio: BRITISH ORIGINALS.



- Available in 8x8 and 16x8 with DANTE™ and AEC. Optional Wall Panel controls and DConsole application.
- Analogue inputs feature Mic/Line selectable pre-amps with phantom power and individual gain and mute presets. DSP elements selectable on each input.
- Download ready-to-use DSP configurations from our website. Up to 70 system presets can be recalled for instant configuration of zones, rooms and scenes.
- Networked over Ethernet (DHCP) or DANTE to cover entire site configurations. Logic inputs and outputs for interfacing to alarm systems, building controls and much more.
- High Quality, British Design. Sturdy, sleek & reliable - look pro, feel pro

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DIVA Technical Data



Inputs and Outputs

Input Impedance: $> 10k \text{ Ohms}$
 Output Impedance: 50 Ohms
 Maximum Level: $+20\text{dBu}$ (Mic Gain: $0/+40\text{dB}$ steps)
 Type: Electronically balanced (48V Mic Phantom Power)

Audio Performance

Frequency Response: $\pm 0.1\text{dB}$ (20 to 30kHz)
 Dynamic Range: 115dB typ (unweighted)
 CMMR: $> 100\text{dB}$ (50 to 10kHz)
 Crosstalk: $< -100\text{dB}$
 Distortion: 0.001% (1kHz@+4dBu)

Digital Audio Performance

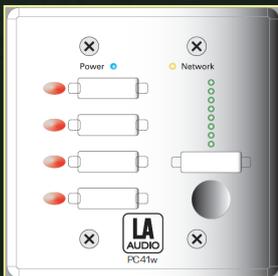
Processor: 40-bit Floating Point
 Sample Rate: 48kHz
 Analogue Converters: High Performance 24-bit

Front Panel

Signal LEDs: 1 dual colour per channel
 Status LED: Power and Network Data

Connectors

Analogue I/O: Phoenix Plug-in 3.5mm (included)
 Logic In-Relay Out: Phoenix Plug-in 3.5mm
 Ethernet & Network I/O: RJ45 (CAT5)
 Power: Standard IEC Socket



Optional PCW41w Wall Panel

Parameter	PC41W
Power	48V, 100mA POE or 5V 500mA Connector
Extended Power	Europe Connector
Ethernet Cable	CAT-5
Ethernet Port	RJ-45
Cable of Connection	Star Connection Scheme
IP Reset Button	On/Off
Length of Cable	100 meters
Weight	0.47kg
Dimensions	117x117x68mm