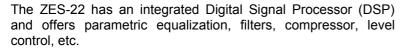**LDA** audioTech

ZES-22

Ref: LDAZES22S02

The digital audio processor ZES-22 is a Digital Audio Matrix that offers advanced features for any type of audio installation.

The ZES-22 is a flexible equipment with 4 balanced audio ports that can be configured as imputs or outputs according to the needs of the installation: (2x2), (4x0) or (0x4). The ZES-22 has digital audio input by Ethernet through COBRANET ® protocol including redundant Ethernet interface, which offers the possibility to design distributed audio systems. This digital audio matrix allows optical fibre adapters for sending and receiving data through large distances.

The ZES-22 has an integrated Digital Signal Processor (DSP) and offers parametric equalization, filters, compressor, level control, etc.

The ZES-22 is ideal for networked emergency purposes and only occupies ½ rack unit of with. It offers the possiblity to unite two ZES-22 in order to have double functionality and occupying just 1 rack unit of width.

Features ZES-22:

- Local audio Matrix of 2x2 I/O (optional configuration in factory)
- Audio transfer by COBRANET ® protocol – 48Khz/24bits.
- High performance DSP
- Analogical step of gain. They are eligible for each channel in order to improve the signal/noise ratio.
- Remote and local configuration.
- Remote and local supervision.
- Graphic interface for remote configuration. Easy operation (GUI).
- Phantom power supply for microphones.

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ZES-22
Ref: LDAZES22S02

Technical specifications:

Model	ZES-22
Reference	LDAZES22S02
Supply	110 - 240V ~ 50/60 Hz
Consumption	<20W
Phantom power supply	12V (in all inputs, configurable)
Frequency response I/O	20Hz-20kHz +/-0,05dB
Input sensibility	1Vp, 0,707Vrms
Audio input	Analog, balanced
Sensibility adjustment	+20dB / 0dB / -10dB
S/N	>94dB @1Vrms
Audio Connectors	Euroblock connector
DSP Resolution	48kHz 24bits
GPIO	16 I/O configurable TTL 5V
Ethernet y Cobranet Interface	2 x RJ-45. Redundant
ATT output	24V 50mA, monitored and protected
Weight	1Kg
Processing unit dimensions	218 x 155 x 42mm (1U height, width ½ rack unit)

Mechanical dimensions