

The ZES-80 virtual digital audio matrix allows give to the system DSP features in all its lines for both equalisations and signal routing.

The ZES-80 can operate in direct mode with the application server system or together with other ZES-80 through the LDA ZMS-1 matrix Server which makes the system easily compatible.

The ZES-80 has a digital audio input via COBRANET® allowing send all audio channels and system control by the same Ethernet cable under redundant mode.



Features:

- 8x8 E/S audio matrix.
- Audio transmission via COBRANET® protocol
- High performance DSP
- Two analog steps of gain wich are selectable per each input channet for improving the signal noise ratio.
- Remote or local configuration
- Remote or local supervision
- Graphic interface for easy remote configuration handling (GUI)
- Automatic gain control (CAG)
- PHANTOM supply selectable in any input for microphones
- Prerecorder messenges player (optional)
- 16 Input/Output monitoring by software (optional)
- RS-232 / RS-485 connectors to communication (optional)
- 24V DC, 1A output (optional)
- Local monitoring amplifier: 1.5W @ 4 Ω (optional)

TECHNICAL SPECIFICATIONS:	
Supply:	220—240~ 50Hz
Consumption:	< 50 W
Phantom supply:	48V (per input)
Frequency response I/O	± 0.5 dB (20-20.000 Hz)
Signal to noise ratio	+105dB
Analog gain steps:	2 (0, 40 dB)
Ethernet interface (control):	RJ-45 (10/100 Mbit/s)
COBRANET® interface:	2 x RJ-45 (redundant)
Audio interface:	insertable euroblock connector.
Inputs/Outputs:	8x8 balanced(0dBm)
Dimensions:	44 x 483 x 310 mm (height x width x depth) System for one 19" rack unit