

AUREA 4080 DSP PROCESSOR



AUREA 4080 is a professional audio processor that can realize a variety of DSP functions. It integrates compressors, limiters, frequency dividers, dynamic EQ, delays, equalizers, input and output with FIR phase correction, and audio mixers.

The matrix can be quickly debugged and monitored through the beautiful and intuitive software, which provides a broad operating space for the construction and operation of professional audio amplification systems. **AUREA 4080** can manage 4 inputs to 8 outputs.

The **AUREA 4080's** applications make it ideal for managing the audio of venues such as stadiums, professional performance, auditoriums, multifunctional halls, conference systems, etc.

Features:

- Control via Ethernet, USB and RS232 •DSP 21 bit
- 96 kHz / 24 bit sampling (*FIR @ 48 kHz)
- Control Software

Audio Input Processing per input	4 XLR3 balanced
channel Audio Output Output channel	NoiseGate, PEQ_X IN, DEQ IN, Delay, FIR IN, Matriz, Phase,
processing S/N ratio	Mute 8 XLR3 balanced
THD+N	FIR OUT, PEQ_X OUT, Compressor, Limiter
	108 dB @ 16 dBu, 1 kHz, A-wt/Line
	-90 dB @ 0 dBu, 1 kHz, A-wt/Line
Sampling frequency	96 kHz / 24 bit
Control Protocols	USB, RS232 and TCP/IP
Network Ports Power	D-SUB9 and Ethernet AC
supply Dimensions	90/264 V 50/60 Hz
Weight	483 x 215 x 44.5 mm 3.2 kg
Functions	Signalmatrix, Crossover, IN/OUT filters, Polarityinversion, NoiseGate, Compressor, Delay
Control software	Control software