

# AC48II 4 INPUT – 8 OUTPUT DIGITAL AUDIO PROCESSOR

4 Input – 8 Output Digital Audio Processor



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## PRODUCT DETAILS

### KEY FEATURES

48kHz Sampling Rate, 40-bit DSP Processor, 24-bit AD/DA Converter

Input Processing Includes Gain, Mute, Link, High-Cut, Low -Cut, Noise Gate, 5PEQ, Phase, Delay

Output processing includes Crossover, 6PEQ, Gain, Mute, Compressor/Limiter, Phase, Delay, Link

Matrix with Free Assignment for every Input and Output

Peak, H-shelf, L-shelf, LP-6dB, LP-12dB, HP-6dB, HP-12dB filter styles with adjustable PEQ frequency, Gain (with 0.1dB steps) and Bandwidth

Butterworth, Linkwitz- Riley, Bessel High-cut and Low-cut filters with slope from -6dB/oct to -48dB/oct

Compressor/Limiter with adjustable Threshold, Soft Knee, Ratio, Attack and Release time

Noise gate with adjustable Threshold, Hold time, Attack and Release time

Linkable and Revisable Input and Output Channel Parameters

680ms Delay Time (0.021ms steps) for each Input and Output

Parameter setting of each channel can copy freely

Built-in Signal Generator

5-Segment High-Precision Level Indicators and Key Indicators on front panel for all Inputs and Outputs

Security protection function

30 User Presets, 1 Factory Preset, Device Parameters and Single Preset File can be stored and recalled inside de Device, or they can be saved in and recalled from a Computer through the PC Software

USB and RS-232 Controlling Ports, Online remote control and 255 units linkable through RS-485

## SPECIFICATIONS

# AC48II

## 4 INPUT – 8 OUTPUT DIGITAL AUDIO PROCESSOR

<b>Digital Processing</b>	24-bit Sigma/Delta Converters - 48kHz Sampling Rates
<b>Frequency Response</b>	20Hz-20kHz, -0.3dBu
<b>S/N Ratio</b>	>110dBu
<b>Distortion (THD)</b>	<0. 01 @ 1kHz (0dBu)
<b>Cross-talk</b>	<100dB below full scale
<b>Input Type</b>	Balanced XLR
<b>Max. Input Level</b>	+15dBu
<b>Impedance</b>	1M $\Omega$ Stereo; 500k $\Omega$ Mono
<b>Output Type</b>	Balanced XLR
<b>Max. Output Level (bypass)</b>	+15dBu
<b>Impedance</b>	<500 $\Omega$
<b>Display</b>	20 x 2 LCD Display for Parameters Setting and Function Select
<b>Power Supply</b>	AC~95V-264V – Fuse
<b>Dimension (LxWxH)</b>	82x205x44CM
<b>Weight</b>	2.88kg