

# ID48

## Installation Matrix Signal Processor



### Introducing the next step in technology

Based on the same technology as our acclaimed D48 processor, the ID48 offers all of the DSP power and flexibility of the D48 in a package ideally suited to installation applications.

With 4 balanced analogue inputs and 8 outputs with full matrix mixing capabilities, the ID48 gives the flexibility you need to integrate into your system. Compressors are available on every input as well as a high pass filter, 6 bands of parametric EQ and up to 1.3 seconds of delay. Routing to outputs can be configured to either mix-matrix mode, free-routing or several pre-configured routing options. Flexible channel linking enables quick and easy configuration of common crossover setups or customised configurations as required. Every output channel has high and low pass filters, 8 bands of parametric EQ, up to 1.3

seconds of delay as well as a new limiter designed to offer the best driver protection with the lowest distortion.

The ID48 runs at 96kHz as standard but can be switched into 48kHz mode to take advantage of 48dB/oct output crossover filters and two bands of dynamic EQ on both input and output channels.

The ethernet based PC control software gives you the ability to not only control all the devices on a network but also to store preset memories and configure systems offline.

### ID48 Key Features

4 Analogue Inputs, 8 Analogue Outputs

Sample rate switchable between 96kHz and 48kHz (adds DEQ filters and 48dB/Oct crossover filters)

#### Input Processing Features:

- Soft Knee Compressor
- 6 Parametric EQs
- 24dB/Oct HPF
- 2 bands of Dynamic EQ (48kHz mode)
- Gain, Polarity, Delay

#### Routing Matrix Modes:

Mix Matrix, Routing Matrix, Preset Configurations (2x4, 4x2, 1x8, 2x3+2)

#### Output Processing Features:

- 6 Parametric EQs
- Crossover Filters up to 24dB/Oct (96kHz mode) 48dB/Oct (48kHz mode)
- 2 bands of Dynamic EQ (48kHz mode)
- Gain, Polarity, Delay, Limiter

Remote control via 100Mbps Ethernet, USB Type B  
Up to 30 presets may be stored for offline recall



## ID48 Technical Specifications

Analogue Inputs - 4 Electronically Balanced  
 CMRR : >60dB @ 1kHz  
 Maximum Level : >20dBu  
 Input Impedance : 10k $\Omega$  Balanced

Analogue Outputs - 8 Electronically Balanced  
 Maximum Level : >20dBu  
 Source Impedance : <60 $\Omega$   
 Frequency Response (20Hz to 20kHz) : +/-0.4dB

Dynamic Range : >110dB unweighted  
 (in to out analogue)

THD + N (-10dB @ 1kHz) : 0.0007%

Latency : 0.896ms (in to out, analogue, 96kHz)  
 1.792ms (in to out, analogue, 48kHz)

Power : 90-250VAC, 50-60Hz, <40W

Dimensions : 44 x 213 x 482mm (1.75 x 8.4 x 19 inches)  
 Weight : 2.8kg Net, 3.5kg Shipping

## D-Net Remote Control Application

PC compatible remote control software with USB and Ethernet access. Full control of all DSP, routing and configuration of multiple ID48 units with ability to set up systems offline and store/load presets and preset libraries. Mac and iPad control software available early 2016.

