

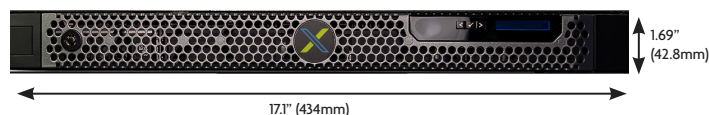
PA-64

High-Resolution Loudspeaker Processor



Overview

The PA-64 is a high resolution system processor. Featuring TQ™ Processing for unparalleled sound refinement and a robust PEQ suite with multiple filters for the inputs and outputs. The PA-64 offers precision and flexibility for audio systems. Its full crosspoint audio matrix provides versatility in routing and processing signals. The PA-64 delivers uncompromising performance.



TQ™ Processing

TQ™ processing implements the propriety technologies developed by Fulcrum Acoustic founder, David Gunness. TQ (temporal equalization) processing is a highly precise application of DSP, exploiting optimized Finite Impulse Response (FIR) filters to fine-tune loudspeaker performance. TQ processing results in natural-sounding spectral balance; a pleasing aesthetic balance between highly transient sources (such as percussion instruments) and less transient sources (such as human voice); uncolored vocals; and excellent intelligibility.

Product Features

- 64 x 64 high-resolution system processor
- Parametric Filters
- Hi/Low Shelf Filters
- Hi/Low-Pass Filters
- FIR Filters
- Crossovers
- Delay
- Limiting
- TQ™ Processing
- Multiple filters for inputs and outputs
- Crosspoint audio matrix with delays

Specifications

Power Supply

Internal 100V-240V, 6.5A-3.5A at 50/60Hz

Power Consumption

450W

Frequency Response

20Hz to 20kHz

Network

1000/100 Mbps ethernet for Dante™ and Control

1000/100 Mbps ethernet for optional Control

Latency

2.7ms plus Dante™ network latency (minimum Dante™ latency 1 ms)

System I/O

32 x 32 Dante™

Physical Specifications

Dimensions (W x H x D)

17.1 x 1.69 x 23.5 in (434 x 42.8 x 595.6 mm)

Weight

29.9 lb (12.2 kg), accessories and packaging not included