![fulcrum ACOUSTIC® logo]
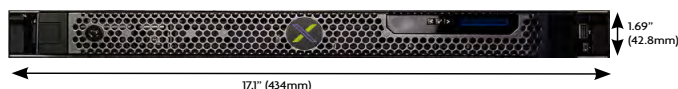
PA-64
High-Resolution Loudspeaker Processor

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.

17.1" (434mm)
1.69" (42.8mm)

17.1" (434mm)
23.5" (595.6mm)

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
64 x 64 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