

Appendix C: Technical Info

Specifications

Frequency Response

15 Hz-20 kHz ± 0.2 dB

THD

0.01% (15 Hz-20 kHz)

Signal to Noise Ratio

Analog in to Analog out, ref to +4 dBu: 104 dB

Propagation delay

3.2 mS

Gate Key Filters

HPF 20 Hz-5 kHz, 12 dB/octave
 LPF 1 kHz-20 kHz, 12 dB/octave

Analog inputs:

Connectors: XLR female and TRS
 Max input level: +22 dBu
 Input level range: ± 15 dB digital trim
 Impedance: 10k ohms

A/D:

24-bits (20-20 kHz, ± 1 dB)
 Dynamic Range: 106 dB
 Crosstalk: -110 dB @ 1 kHz

Analog Outputs:

Connectors: XLR male & TRS
 Max output level: +22 dBu balanced, +20 dBu unbalanced
 Impedance: 150 ohms

D/A:

24-bits (20-20 kHz, ± 1 dB)
 Dynamic Range: 108 dB
 Crosstalk: -115 dB @ 1 kHz
 Sample Rates: 48 kHz
 Digital Signal Processing: 32-bit floating point

Power:

100-240 VAC, 50/60 Hz auto-switching

Dimensions:

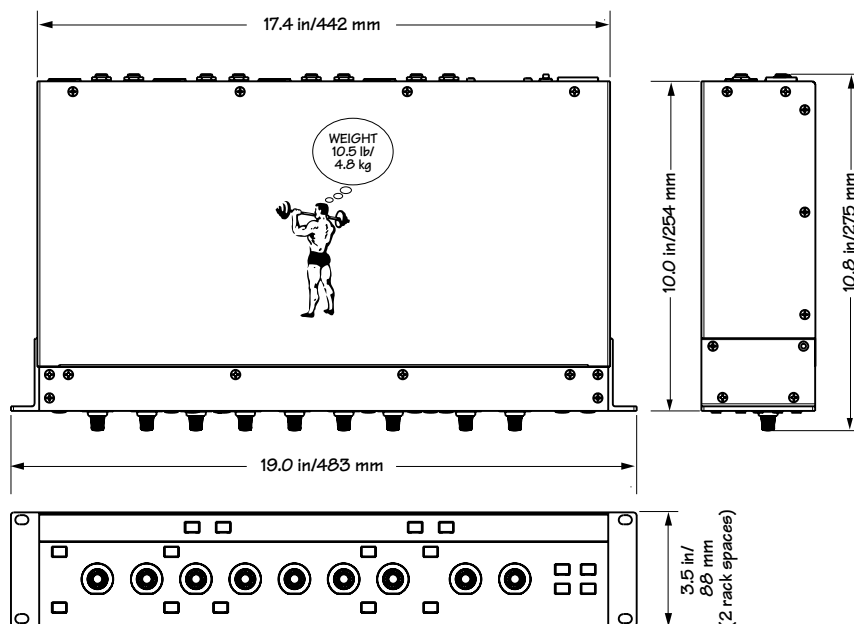
Width 19 inches (483 mm)
 Height 3.5 inches (88 mm) 2 rackspaces
 Depth 10.8 inches (275 mm)
 Weight: 10.5 lbs (4.8 kg)
 Likes: 40's Big Band Swing

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The technical writer responsible for this manual tends to fade in and out of various different realities, depending on how many cups of tea he has had. Please check our website for any updates to this manual: www.mackie.com

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Block Diagram

