

Specifications

Main Mix Noise

(20 Hz–20 kHz bandwidth, 1/4" Main out, channel gains @ unity gain, channel EQs flat, all channels assigned to Main Mix, odd channels panned left, even channels panned right.)

Main Mix fader unity, channel faders down: –88.5 dBu
(92 dB Signal to Noise Ratio, ref +4 dBu)

Main Mix fader unity, channel faders @ unity: –82.5 dBu

Total Harmonic Distortion (THD)

(1 kHz 35 dB gain, 20 Hz–20 kHz bandwidth)

Mic in to insert send: <0.0007%

Mic in to Main Out: <0.005%

Attenuation (Crosstalk)

(1 kHz relative to 0 dBu, 20 Hz–20 kHz bandwidth, Line in, 1/4" Main Out, Gain @ unity.)

Channel Mute switch engaged: –84 dBu

Channel Gain knob down: –84 dBu

Frequency Response

(Mic input to any output.)

20 Hz to 60 kHz: +0 dB/–1 dB

20 Hz to 100 kHz: +0 dB/–3 dB

Equivalent Input Noise (EIN)

(Mic in to Insert Send out, max gain.)

150 ohm termination: –129.5 dBu

Common Mode Rejection Ratio (CMRR)

(Mic in to Insert Send out, max gain.)

1 kHz: better than –70 dB

Maximum Levels

Mic in: +22 dBu

All other inputs: +22 dBu

Main Mix TRS out: +28 dBu

All other outputs: +22 dBu

Impedances

Mic in: 2.5 kilohms

Channel Insert return: 2.5 kilohms

All other inputs: 10 kilohms or greater

Tape out: 1.1 kilohms

All other outputs: 120 ohms

EQ

High Shelving ±15 dB @ 12 kHz

Mid Peaking ±15 dB sweep 100 Hz–8 kHz

Low Shelving ±15 dB @ 80 Hz

Low Cut Filter 18 dB/octave, –3 dB @ 75 Hz

Power Consumption

120 VAC, 50/60 Hz, 50 watts

Fuse Ratings

100–120 VAC 1A Slo Blo, 5 x 20 mm

220–240 VAC 0.5A Slo Blo, 5 x 20 mm

Dimensions (H x W x D) in Normal Pod Position

17.5" x 17.3" x 5.1" (445 mm x 440 mm x 129 mm)

Weight

20.0 lb (9.1 kg)

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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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