

# Product Spec Sheet from Rentex

## Mackie 1402-VLZ3 14-Channel Mic/Line Mixer

Download Spec Sheet @ [www.rentex.com/spec/MXR0600.pdf](http://www.rentex.com/spec/MXR0600.pdf)

Rentex Product No. MXR0600



Detailed Specifications

Mfr Part No. 1402-VLZ3

### Specifications

**Main Mix Noise**  
(20 Hz–20 kHz bandwidth, 1/4" Main out, channels 1–6 Trim @ unity gain, channel EQs flat, all channels assigned to Main Mix, channels 1, 3 and 5 Pan left, 2, 4 and 6 Pan right.)  
Main Mix fader down, channel faders down: –101 dBu  
Main Mix @ unity, channel faders down: –91 dBu  
(95 dB Signal to Noise Ratio, ref +4 dBu)  
Main Mix fader @ unity, channel faders @ unity: –86 dBu

**Total Harmonic Distortion (THD)**  
(1 kHz @ +14 dBu, 20 Hz–20 kHz bandwidth)  
Mic pre @ insert: 0.0007%

**Attenuation (Crosstalk)**  
(1 kHz relative to 0 dBu, 20 Hz–20 kHz bandwidth, Line in, 1/4" Main Out, Trim @ unity.)  
Main Mix fader down: –100 dBu  
Channel Alt / Mute switch engaged: –90 dBu  
Channel fader down: –90 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, 20 Hz–20 kHz

**Common Mode Rejection Ratio (CMRR)**  
(Mic in to Insert Send out, max gain.)  
1 kHz: better than –70 dB

|                                                |                           |
|------------------------------------------------|---------------------------|
| <b>Maximum Levels</b>                          |                           |
| Mic in:                                        | +22 dBu                   |
| Tape in:                                       | +16 dBu                   |
| All other inputs:                              | +22 dBu                   |
| Main Mix XLR out:                              | +28 dBu                   |
| All other outputs:                             | +22 dBu                   |
| <b>Impedances</b>                              |                           |
| 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                  |
| <b>EQ</b>                                      |                           |
| High Shelving                                  | ±15 dB @ 12 kHz           |
| Mid Peaking                                    | ±15 dB @ 2.5 kHz          |
| Low Shelving                                   | ±15 dB @ 80 Hz            |
| <b>Power Consumption</b>                       |                           |
| 120 VAC, 50/60 Hz, 25 watts                    |                           |
| <b>Fuse Rating</b>                             |                           |
| 100-120V:                                      | 500 mA slo blo, 5 x 20 mm |
| 220-240V:                                      | 250 mA slo blo, 5 x 20 mm |
| <b>Weight</b>                                  |                           |
| 9.5 lb (4.5 kg)                                |                           |
| <b>Dimensions (H x W x D)</b>                  |                           |
| 12.9" x 14.0" x 3.2" (329 mm x 356 mm x 81 mm) |                           |

