



1402VLZ4

14-Channel Compact Mixer

1402VLZ4 SPECIFICATIONS

Main Mix Noise

(20 Hz–20 kHz bandwidth, 1/4" main out, channels 1-6 gain @ unity, channel EQs flat, all channels assigned to main mix, channels 1, 3 and 5 panned left, 2, 4 and 6 panned 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 @ 35 dB gain, 20 Hz–20 kHz bandwidth)

Mic pre @ insert	<0.0007%
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Attenuation / Crosstalk

(1 kHz relative to 0 dBu, 20 Hz–20 kHz bandwidth, line in, 1/4" main out, gain @ unity)

Main mix fader down	-100 dBu
Channel Alt / Mute switch engaged	-90 dBu
Channel fader down	-90 dBu

Frequency Response

Mic input to main output (gain @ unity)

- +0, -1 dB, 20 Hz to 50 kHz
- +0, -3 dB, <10 Hz to >100 kHz

Equivalent Input Noise (EIN)

(Mic input to insert send out, max gain)

150 Ω termination	-128.5 dBu
20 Hz–20 kHz	

Common Mode Rejection Ratio (CMRR)

1 kHz	better than -70 dB
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Maximum Levels

Mic in	+22 dBu
Tape in	+16 dBu
All other inputs	+22 dBu
Main mix XLR out	+28 dBu
All other outputs	+22 dBu

Impedances

Mic in	2.5 kΩ
Channel insert return	2.5 kΩ
All other inputs	10 kΩ or greater
Tape out	1.1 kΩ
All other outputs	120 Ω

EQ

High Shelving	±15 dB @ 12 kHz
Mid Peaking	±15 dB @ 2.5 kHz
Low Shelving	±15 dB @ 80 Hz

AC Power Requirements

Power Consumption	25 watts
US, JP	100 – 120 VAC, 50 – 60 Hz
EU, UK, AU, CN	200 – 240 VAC, 50 – 60 Hz
Operating Temperature	0° – 40°C
	32° – 104°F

Fuse Rating

100-120V	500 mA slo blo, 5 x 20 mm
220-240V	250 mA slo blo, 5 x 20 mm

Physical Properties (product)

Height	12.5 in / 317 mm
Depth	3.2 in / 81 mm
Width	14.0 in / 356 mm
Weight	9.5 lb / 4.5 kg

Physical Properties (packaged product)

Height	6.9 in / 175 mm
Depth	16.1 in / 409 mm
Width	15.2 in / 386 mm
Weight	12.0 lb / 5.4 kg

Options

1402VLZ4 Mixer Bag	P/N 093-004-01
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Ordering Information

1402VLZ4 14-Channel Compact Mixer, US	P/N 2040764-00
1402VLZ4 14-Channel Compact Mixer, EU	P/N 2040764-01
1402VLZ4 14-Channel Compact Mixer, JP	P/N 2040764-02
1402VLZ4 14-Channel Compact Mixer, UK	P/N 2040764-03
1402VLZ4 14-Channel Compact Mixer, AU	P/N 2040764-04
1402VLZ4 14-Channel Compact Mixer, CN	P/N 2040764-05
1402VLZ4 14-Channel Compact Mixer, BZ	P/N 2040764-06