1202VLZ4

The 12-channel 1202VLZ4 delivers the outstanding quality of our flagship Onyx preamps in a compact mixer design with the high-headroom/low-noise performance your professional application demands.

From every input to every output, you can count on the industry-proven performance you expect from a VLZ mixer. Plus, it is truly “Built-Like-A-Tank” with a ridiculously rugged solid-steel chassis plus high-contrast controls for ultimate tactile control.

And with features like a dedicated control room section, the 1202VLZ4 offers a true step up in flexibility and performance that's ideal for your professional application.

APPLICATIONS:
Live sound mixing, houses of worship, clubs, gymnasiums, banquet halls, conference rooms, boardrooms, studio and field recording, multimedia applications, broadcast and many, many more.

FEATURES:
- 12-channel mixer featuring our signature high-headroom, low-noise design
- 4 boutique-quality Onyx mic preamps
  - Ultra-wide 60 dB gain range
  - 128.5 dB dynamic range
  - +22 dBu line input handling
  - Extended frequency response
  - Distortion under 0.0007% [20 Hz – 50 kHz]
- Improved RF rejection, perfect for broadcast applications
- Phantom power for condenser mics
- 12 high-headroom line inputs
- 3-band EQ (80 Hz, 2.5 kHz, 12 kHz)
- 18 dB/oct 75 Hz low-cut filter on mic input channels
- Aux send, level, pan and PFL solo on each channel
- Stereo return for connecting FX processor or other stereo source
- ALT 3/4 stereo bus for added routing flexibility
- Control room / phones source matrix
- High-resolution 12-segment stereo meters
- Sealed rotary controls resist dust and grime
- “Built-Like-A-Tank” rugged steel chassis with powder-coat finish
- High-visibility, high-contrast controls deliver convenient “at-a-glance” visual feedback
- Rack-mountable design using an optional rack ear kit
- Multi-voltage power supply for worldwide use
I202VLZ4 SPECIFICATIONS

Main Mix Noise

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

Main mix knob down, channel gain knobs down: –100 dBu
Main mix knob @ unity, channel gain knobs down: –86.5 dBu
(90 dB Signal to Noise Ratio, ref +4 dBu)
Main mix knob @ unity, channel gain knobs @ unity: –84.5 dBu

Total Harmonic Distortion (THD)

(1 kHz @ 30 dB gain, 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, gain @ unity)
Main mix knob down –75 dBu
Channel Alt / Mute switch engaged –85 dBu
Channel gain knob down –87 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

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 10.7 in / 273 mm
Depth 3.0 in / 75 mm
Width 11.9 in / 303 mm
Weight 6.5 lb / 3.0 kg

Physical Properties (packaged product)

Height 6.1 in / 155 mm
Depth 14.0 in / 356 mm
Width 13.2 in / 335 mm
Weight 8.0 lb / 3.6 kg

Options

1202VLZ4 Mixer Bag P/N 093-004-00

Ordering Information

1202VLZ4 12-Channel Compact Mixer, US P/N 2040763-00
1202VLZ4 12-Channel Compact Mixer, EU P/N 2040763-01
1202VLZ4 12-Channel Compact Mixer, JP P/N 2040763-02
1202VLZ4 12-Channel Compact Mixer, UK P/N 2040763-03
1202VLZ4 12-Channel Compact Mixer, AU P/N 2040763-04
1202VLZ4 12-Channel Compact Mixer, CN P/N 2040763-05
1202VLZ4 12-Channel Compact Mixer, BZ P/N 2040763-06
The bottom panel of the 1202VLZ4 has three non-threaded holes that allow it to be fitted with an optional microphone stand adapter. This lets you support the mixer on a standard mic stand, and adjust its height and level to whatever suits your strangely-complex set of preferences.

The Atlas AD-11B mic stand adapter is available at many music stores. It is made and distributed by Atlas Sound.

Use three Trilobular thread rolling screws 6-32 x 1/4" long to secure the adapter to the bottom of the 1202VLZ4 [see below].

Do not use screws longer than 1/4", as these could damage the circuit boards. Do not use screws shorter than 1/4", or the adapter will not be securely fixed to the mixer.
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Electronic files for this product are available at:
www.mackie.com

Specification Sheet 1202VLZ4_SS.PDF
Owner’s Manual 1202VLZ4_OM.PDF

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