

802VLZ4 SPECIFICATIONS

Main Mix Noise

(20 Hz–20 kHz bandwidth, channels 1-3 gain @ unity, channel EQs flat, all channels assigned to main mix, channel 1 panned left, 2 panned right, 3-8 centered.)

Main mix knob down, channel level knobs down:

XLR: -95 dBu
TRS: -101 dBu

Main mix knob @ unity, channel level knobs down:

XLR: -90 dBu
TRS: -96 dBu

Main mix knob @ unity, channel level knobs @ unity:

XLR: -84 dBu
TRS: -90 dBu

Total Harmonic Distortion (THD)

(1 kHz @ 30 dB gain, 20 Hz–20 kHz bandwidth)

Mic pre @ insert <0.001 %

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 -100 dBu

Channel level knob down -100 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 +21 dBu

Tape in +22 dBu

All other inputs +22 dBu

Main mix XLR out +28 dBu

All other outputs +22 dBu

Impedances

Mic in 2.55 kΩ

Channel insert return 5 kΩ

All other inputs 17 kΩ or greater

Tape out 1.0 kΩ

Phones out 60 Ω

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 13 watts

US, JP 100 – 120 VAC, 50 – 60 Hz

EU, UK, AU, CN 200 – 240 VAC, 50 – 60 Hz

External Power Supply AC Connector 2-pin IEC 250 VAC

Operating Temperature 0° – 40°C
32° – 104°F

External Power Supply

US Adapter (18.5 VAC x 2, 350 mA, US) P/N 0028090-00

EU Adapter (18.5 VAC x 2, 350 mA, EU) P/N 0028090-01

JP Adapter (18.5 VAC x 2, 350 mA, JP) P/N 0028090-02

UK Adapter (18.5 VAC x 2, 350 mA, UK) P/N 0028090-03

AU Adapter (18.5 VAC x 2, 350 mA, AU) P/N 0028090-04

CN Adapter (18.5 VAC x 2, 350 mA, CN) P/N 0028090-05

Physical Properties (product)

Height 10.7 in / 273 mm

Depth 1.8 in / 47 mm

Width 8.9 in / 227 mm

Weight (with power supply) 5.5 lb / 2.5 kg

Weight (without power supply) 4.5 lb / 2.0 kg

Physical Properties (packaged product)

Height 4.3 in / 109 mm

Depth 15.8 in / 401 mm

Width 12.1 in / 307 mm

Weight 6.8 lb / 3.1 kg

Options

802VLZ4 Mixer Bag P/N 2036809-09

Ordering Information

802VLZ4 8-Channel Ultra-Compact Mixer, US P/N 2040767-00

802VLZ4 8-Channel Ultra-Compact Mixer, EU P/N 2040767-01

802VLZ4 8-Channel Ultra-Compact Mixer, JP P/N 2040767-02

802VLZ4 8-Channel Ultra-Compact Mixer, UK P/N 2040767-03

802VLZ4 8-Channel Ultra-Compact Mixer, AU P/N 2040767-04

802VLZ4 8-Channel Ultra-Compact Mixer, CN P/N 2040767-05

802VLZ4 8-Channel Ultra-Compact Mixer, BZ P/N 2040767-06