

Behringer QX1222USB Specs

Total # Of Inputs	16
Input Channels	Mono: 4 Stereo: 4
Preamplifier	4x XENYX
USB Connection	2-in/2-out
Buses	Mix: 2/2
Phantom Power	+48 V
EQ Type	Mono channel 3-band
Compressor	4
Wireless (Features)	Built-in compatibility with Behringer wireless microphone system
AUX Sends	Per channel: 1/1
AUX Returns	2 stereo returns
Metering	12-segment stereo LED meters Clip LEDs on every channel

Microphone Inputs

Type	6x XLR connector, balanced, discrete input circuit
Mic Input Noise (E.I.N.)	From 20 to 20,000 Hz At 0 Ω source resistance: -134 dB/-136 dB A-weighted At 50 Ω source resistance: -131 dB/-133 dB A-weighted At 150 Ω source resistance: -129 dB/-131 dB A-weighted
Frequency Response	Preamp: < 10 to 150,000 Hz (-1 dB) < 10 to 200,000 Hz (-3 dB) Mic input to main output:
Dynamic Range	<i>Not specified by the manufacturer</i>
Gain Range	+10 to +60 dB
Maximum Input Level	+12 dBu at +10 dB gain
Impedance	2 k Ω balanced
Signal-to-Noise Ratio	107 dB / 110 dB A-weighted (0 dBu In @ +22 dB gain)
Total Harmonic Distortion (THD)	0.005% / 0.004% A-weighted
Phantom Power	Switchable, +48 V

Line Input

Type 1/4" TRS connector, balanced

Impedance 20 k Ω balanced
10 k Ω unbalanced

Gain Range -10 dB to +40 dB

Maximum Input Level 30 dBu

Stereo Input

Type 4x 1/4" TRS connector, unbalanced

Impedance 20 k Ω balanced
10 k Ω unbalanced

Gain Range -20 dB to +20 dB

Maximum Input Level +22 dBu

Tape

Tape I/O Type: RCA Connectors

Impedance: 10 k Ω

Maximum Input Level: +22 dBu

Equalizer

EQ Type	3-Band Semi-Parametric Low: 80 Hz / \pm 15 dB Mid: 2,500 Hz; / \pm 15 dB High: 12,500 Hz / \pm 15 dB
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Insert

Type	1/4" TRS connector, unbalanced
Maximum Input Level	+22 dBu

AUX Section

AUX Sends	Type: 2x 1/4" TRS connector, unbalanced Impedance: 120 Ω Maximum Output Level: +22 dBu
AUX Returns	Type: 2x 1/4" TRS connector, unbalanced Impedance: 20 k Ω balanced, 10 k Ω unbalanced Maximum Input Level: +22 dBu

Outputs

Main Outputs	Type: XLR, balanced
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Impedance: 240 Ω symmetrical, 120 Ω unbalanced

Maximum Output Level: +28 dBu

Control Room Outputs

Type: 1/4" TRS connector, balanced

Impedance: 120 Ω

Maximum Output Level: +22 dBu

Headphone Outputs

Type: 1/4" TRS connector, unbalanced

Impedance: 25 Ω

Maximum Output Level: +21 dBu at 150 Ω (+25 dBm)

Stereo Tape Outputs/Type

Type: RCA connectors

Impedance: 1 k Ω

Maximum Output Level: +22 dBu

DSP

Klark Teknik
Converter: 24-bit Sigma-Delta, 64-/128-times
oversampling

Sampling rate: 40 kHz

Noise

Main mix at $-\infty$ with channel fader at $-\infty$: -100 dB /
-102 dB A-weighted

Main mix at 0 dB with channel fader at $-\infty$: -86 dB /
-88 dB A-weighted

Main mix at 0 dB with channel fader at 0 dB: -81 dB
/ -83 dB A-weighted

USB

Audio: Stereo In/Out

Connector: Type B

Converter: 16-bit

Sample Rate: 48 kHz

Power Supply

Mains 100 to 240 V, 50/60 Hz

Power Consumption 40 W

Fuse T 1.6 A H 250 V

Connection Standard IEC receptacle

General

Dimensions (W x D x H) 14.6 x 13.3 x 3.5" (370 x 338 x 90 mm)

Weight 8.4 lb (3.8 kg)

Packaging Info

Package Weight 10.55 lb

Box Dimensions (LxWxH) 18.5 x 16.5 x 6"
