

Behringer QX2222USB Specs

Total # Of Inputs	22 inputs
Mic/Line Inputs	8 x XLR microphone inputs 8 x 1/4" TRS line-level inputs
Stereo Line Inputs	4 x 1/4" TRS left & right paired inputs
Aux Sends	3 x 1/4" TRS connector, balanced
AUX Returns	3 x 1/4" TRS connector, balanced
Inserts	4
BUS (Group) Outputs	2 sub groups
2 Trk Master I/O	2 x balanced XLR outputs 2 x 1/4" TRS outputs
ALT I/O	2 x 1/4" TRS sub outputs stereo RCA 2-track outputs
Monitor Outputs	2 x 1/4" TRS control room outputs 1 x 1/4" stereo headphone output
EQ Section	3-Band EQ with mid sweep on every channel
Solo/Mute	Mute and solo buttons on every channel

Channel Level Control	60 mm faders
Trim/Gain Control	Yes
Metering	12-Segment stereo LED meters Clip LEDs on every channel

Microphone Inputs

Type	XLR, electronically balanced, discrete input circuit
Mic Input Noise (E.I.N.)	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	Approximately 2 k Ω balanced

Signal-to-Noise Ratio	106 dB / 108 dB A-weighted (0 dBu In @ +22 dB gain)
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Total Harmonic Distortion (THD)	0.005% / 0.004% A-weighted
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Phantom Power	Switchable, +48V
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Line Input

Type	1/4" TRS connector, balanced
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Impedance	Approximately 20 k Ω 10 k Ω unbalanced
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Gain Range	-10 to +40 dB
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Maximum Input Level	30 dBu
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Stereo Input

Type	4 x 1/4" TRS connector, balanced
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Impedance	Approximately 20 k Ω , 10 k Ω
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Gain Range	-20 to 20 dB
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Maximum Input Level	22 dBu
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EQ Type Mono Channels	Low: 80 Hz, \pm 15 dB Mid: 100 to 8,000 Hz, \pm 15 dB
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High: 12,000 Hz, \pm 15 dB

EQ Type Stereo Channels

Low: 80 Hz, \pm 15 dB

Low Mid: 500 Hz, \pm 15 dB

High Mid: 3,000 Hz, \pm 15 dB

High: 12,000 Hz, \pm 15 dB

AUX Section

AUX Sends

Type: 3 x 1/4" TRS connector, balanced

Impedance: Approximately 120 Ω

Maximum Output Level: 22 dBu

AUX Returns

Type: 1/4" TRS connector, electronically balanced

Impedance: Approximately 20 k Ω balanced, 10 k Ω unbalanced

Maximum Input Level: 22 dBu

Main Outputs

XLR, balanced

Impedance: Approximately 240 Ω balanced, 120 Ω unbalanced

Maximum Output Level: 28 dBu

Control Room Outputs

Type: 1/4" TS balanced

Impedance: Approximately 120 Ω

Maximum Output Level: 22 dBu

Headphone Outputs

Type: 1/4" TRS connector, unbalanced

Impedance: 25 Ω

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

DSP

Type: Klark Teknik

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

Sampling rate: 40 kHz

Wireless

USB dongle: Accepts signals from 2 independent Behringer ULM mics

USB

Audio: Stereo In/Out

Connector: Type B

Converter: 16-bit

Sample Rate: 48 kHz

Noise

Main mix at $-\infty$ with channel fader at $-\infty$: -100 dB / -103 dB A-weighted

Main mix at 0 dB with channel fader at $-\infty$: -85 dB / -88 dB A-weighted

Main mix at 0 dB with channel fader at 0 dB: -78 dB / -80 dB A-weighted

Power Supply

Mains

100 to 240 V, 50/60 Hz

Power Consumption

50 W

Fuse 100 to 240 V: T 1.6 A H 250 V

Connection Standard IEC receptacle

Dimensions (H x W x D) 16.9 x 14.6 x 3.50" (430 x 370 x 90.0 mm)

Weight 10.6 lb (4.80 kg)

Packaging Info

Package Weight 14.05 lb

Box Dimensions (LxWxH) 20.7 x 18.1 x 5.8"
