

Behringer QX1832USB Specs

| | |
|---------------------|-------------------------------------------------------------------------------------------------------------|
| Total # Of Inputs | 14 inputs |
| Mic/Line Inputs | 6 x XLR microphone inputs 6 x 1/4" / 6.35 mm TRS line-level inputs |
| Stereo Line Inputs | 4 x 1/4" / 6.35 mm TRS left & right paired inputs |
| AUX Sends | Monitor Send: 1 Aux Sends: 2 |
| AUX Returns | 2 stereo returns |
| Inserts | 6 |
| BUS (Group) Outputs | 2 subgroups |
| Master Output | 2 x balanced XLR outputs 2 x 1/4" / 6.35 mm TRS outputs |
| Additional Output | Sub Outputs: 2 x 1/4" / 6.35 mm |
| Monitor Outputs | 2 x 1/4" / 6.35 mm TRS control room outputs 1 x 1/4" / 6.35 mm stereo headphone output |
| Tape I/O | Tape In: 2 x RCA Tape Out: 2 x RCA |
| EQ Section | Channels 1-6: 3-band semi-parametric Low: 80 Hz \pm 15 dB Mid: Variable 100 Hz to 8 kHz \pm 15 dB |

High: 12 kHz \pm 15 dB

Channels 7-14: 4-band fixed

Low: 80 Hz \pm 15 dB

Low Mid: 500 Hz \pm 15 dB

High Mid: 3 kHz \pm 15 dB

High: 12 kHz \pm 15 dB

Graphic EQ

9-band stereo graphic EQ

Solo/Mute

Mute and solo buttons on every channel

Channel Level Control

2.4" / 60.0 mm faders

Trim/Gain Control

Yes

Phantom Power

+48 V phantom

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 Ohms source resistance: -134 dB / 136 dB A-weighted

At 50 Ohms source resistance: -131 dB / 133 dB A-weighted

At 150 Ohms 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:

Gain Range

10 to 60 dB

Maximum Input Level

+12 dBu at +10 dB Gain

Impedance

Approximately 2.6 kOhms balanced

Signal-to-Noise Ratio

109 dB / 112 dB A-weighted (0 dBu In @ +22 dB gain)

Total Harmonic Distortion (THD)

0.005% / 0.004% A-weighted

Line Input

Type

1/4" / 6.35 mm TRS connector, electronically balanced

Impedance

Approximately 20 kOhms
10 kOhms unbalanced

Gain Range

-10 to +40 dB

Maximum Input Level

30 dBu

Stereo Input

Type

1/4" / 6.35 mm TRS connector, electronically

balanced

Impedance
20 kOhms balanced
10 kOhms unbalanced

Gain Range
-20 to +20 dB

Maximum Input Level
22 dBu

AUX Section

AUX Sends
Type: 1/4" / 6.35 mm TRS connector, unbalanced
Impedance: Approximately 120 Ohms
Maximum Output Level: 22 dBu

AUX Returns
Type: 1/4" / 6.35 mm TRS connector, electronically balanced
Impedance: Approximately 20 kOhms balanced, 10 kOhms unbalanced
Maximum Input Level: 22 dBu

Main Outputs
Type: XLR, electronically balanced and 1/4" / 6.35 mm TRS balanced
Impedance: Approximately 240 Ohms symmetrical, 120 Ohms unbalanced
Maximum Output Level: 28 dBu

Control Room Outputs
Type: 1/4" / 6.35 mm TRS unbalanced
Impedance: Approximately 120 Ohms
Maximum Output Level: 22 dBu

Headphone Outputs
Type: 1/4" / 6.35 mm TRS connector, unbalanced
Impedance: 25 Ohms
Maximum Output Level: 19 dBu at 150 Ohms (+25 dBm)

| | |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DSP | Type: Klark Teknik Converter: 24-bit Sigma-Delta (64/128-time oversampling) Sampling Rate: 40 kHz |
| Wireless | USB Dongle: Accepts signals from 2 independent Behringer ULM microphones (optional) |
| 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 $-\infty$: -88 dB / -91 dB A-weighted Main mix at 0 dB with channel fader at 0 dB: -80 dB / -82 dB A-weighted |

Power Supply

| | |
|------------------------|----------------------------------------------|
| Mains | 100 to 240 V, 50/60 Hz |
| Power Consumption | 50 W |
| Fuse | 100 to 240 V 1.6 A H 250 V |
| Connection | Standard IEC receptacle |
| Dimensions (W x D x H) | 16.9 x 14.6 x 3.5" / 430.0 x 370.0 x 90.0 mm |
| Weight | 10.4 lb / 4.7 kg |

Packaging Info

Package Weight 13.4 lb

Box Dimensions (LxWxH) 20.7 x 17.4 x 5.9"
