

## QX1832USB

### Microphone Inputs

XENYX Mic preamps	6
Type	XLR connector, balanced, discrete input circuit

### Mic E.I.N. (20 Hz - 20 kHz)

@ 0 $\Omega$ source resistance	-134 dB / -136 dB A-weighted
@ 50 $\Omega$ source resistance	-131 dB / -133 dB A-weighted
@ 150 $\Omega$ source resistance	-129 dB / -131 dB A-weighted
Frequency response	<10 Hz - 150 kHz (-1 dB) <10 Hz - 200 kHz (-3 dB)
Gain range	+10 dB to +60 dB
Max. input level	+12 dBu @ +10 dB gain
Impedance	2 k $\Omega$ balanced
Signal-to-noise ratio	109 dB / 112 dB A-weighted (0 dBu In @ +22 dB gain)
Distortion (THD+N)	0.005% / 0.004% A-weighted
Phantom power	Switchable, +48 V

### Line Input

Type	¼" TRS connector, balanced
Impedance	20 k $\Omega$ balanced, 10 k $\Omega$ unbalanced
Gain range	-10 dB to +40 dB
Max. input level	30 dBu

### Frequency Response (Mic In → Main Out)

<10 Hz - 160 kHz	±3 dB
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### Stereo Inputs

Type	4 x ¼" TRS connector, balanced
Impedance	20 k $\Omega$ balanced, 10 k $\Omega$ unbalanced
Gain range	-20 dB to +20 dB
Max. input level	+22 dBu

### 2-Track In

Type	RCA connector
Impedance	10 k $\Omega$
Max. input level	+22 dBu

### Equalizer 3-band semi-parametric

Low	80 Hz / ±15 dB
Mid	Variable 100 Hz - 8 kHz / ±15 dB
High	12 kHz / ±15 dB

### Equalizer 4-band Fixed

Low	80 Hz / ±15 dB
Low mid	500 Hz / ±15 dB
High mid	3 kHz / ±15 dB
High	12 kHz / ±15 dB

### Channel Inserts

Type	¼" TRS connector, unbalanced
Max. input level	+22 dBu

### AUX Sends

Type	2 x ¼" TRS connector, unbalanced
Impedance	120 $\Omega$
Max. output level	+22 dBu

### AUX Returns

Type	2 x ¼" TRS connector, balanced
Impedance	20 k $\Omega$ balanced, 10 k $\Omega$ unbalanced
Max. input level	+22 dBu

### Main Outputs

Type	XLR and ¼" connectors, balanced
Impedance	240 $\Omega$ balanced, 120 $\Omega$ unbalanced
Max. output level	+28 dBu

### Control Room Output

Type	¼" TRS connector, balanced
Impedance	120 $\Omega$
Max. output level	+22 dBu

### Phones Output

Type	¼" TRS connector, unbalanced
Impedance	25 $\Omega$
Max. output level	+21 dBu / 150 $\Omega$ (+25 dBm)

### 2-Track Out

Type	RCA connector
Impedance	1 k $\Omega$
Max. output level	+22 dBu

### DSP

Type	KLARK TEKNIK
Converter	24-bit Sigma-Delta 64/128-times oversampling
Sampling rate	40 kHz

### Wireless Input

USB dongle	Accepts signals from 2 independent Behringer ULM mics
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### Main Mix System Data (Noise)

Main mix @ - $\infty$ , channel fader @ - $\infty$	-100 dB / -103 dB A-weighted
Main mix @ 0 dB, channel fader @ - $\infty$	-88 dB / -91 dB A-weighted
Main mix @ 0 dB, channel fader @ 0 dB	-80 dB / -82 dB A-weighted

### Power Supply

Mains voltage	100 – 240 V~, 50/60 Hz
Power consumption	50 W
Fuse (100 - 240 V~, 50/60 Hz)	T 1.6 A H 250 V
Mains connector	Standard IEC receptacle

### USB

Connector	Type B
Audio	Stereo in/out
Converter	16-bit
Sample rate	48 kHz

### Physical/Weight

Dimensions (W x D x H)	430 x 370 x 90 mm (16.9 x 14.6 x 3.5")
Weight	4.7 kg (10.4 lbs)