

# Specifications

Mono Inputs		QX1832USB	QX1222USB
Microphone inputs (XENYX Mic preamp)			6
Type		XLR connector, balanced, discrete input circuit	
<b>Mic E.I.N. (20 Hz - 20 kHz)</b>			
@ 0 Ω source resistance		-134 dB / -136 dB A-weighted	
@ 50 Ω source resistance		-131 dB / -133 dB A-weighted	
@ 150 Ω source resistance		-129 dB / -131 dB A-weighted	
Frequency response (-1 dB)		<10 Hz - 150 kHz (-1 dB)	
Frequency response (-3 dB)		<10 Hz - 200 kHz (-3 dB)	
Gain range		+10 dB to +60 dB	
Max. input level		+12 dBu @ +10 dB gain	
Impedance		2 kΩ balanced	
Signal-to-noise ratio		109 dB / 112 dB A-weighted (0 dBu In @ +22 dB gain)	107 dB / 110 dB A-weighted (0 dBu In @ +22 dB gain)
Distortion (THD+N)		0.005% / 0.004% A-weighted	
Phantom power		Switchable, +48 V	
<b>Line Input</b>			
Type		1/4" TRS connector, balanced	
Impedance		20 kΩ balanced, 10 kΩ unbalanced	
Gain range		-10 dB to +40 dB	
Max. input level		30 dBu	
<b>Frequency Response (Mic In → Main Out)</b>			
<10 Hz - 160 kHz		±3 dB	
<b>Stereo Inputs</b>			
Type		4 x 1/4" TRS connector, balanced	4 x 1/4" TRS connector, unbalanced
Impedance		20 kΩ balanced, 10 kΩ unbalanced	
Gain range		-20 dB to +20 dB	
Max. input level		+22 dBu	
<b>2-Track In</b>			
Type		RCA connector	
Impedance		10 kΩ	
Max. input level		+22 dBu	
<b>2-Track In</b>			
Low		Equalizer 3-band semi-parametric	
		80 Hz / ±15 dB	
Mid		Variable	
		100 Hz - 8 kHz / ±15 dB	2.5 kHz / ±15 dB
High		12 kHz / ±15 dB	
<b>Equalizer 4-band Fixed</b>			
Low		80 Hz / ±15 dB	—
Low mid		500 Hz / ±15 dB	—

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Entradas Mono		QX1832USB
Entradas de micrófono (previo XENYX)		Conector XLR; balanceado, ci
Type		
<b>Mic E.I.N. (20 Hz - 20 kHz)</b>		
@ 0 Ω resistencia fuente		-134 dB / -131
@ 50 Ω resistencia fuente		-131 dB / -131
@ 150 Ω resistencia fuente		-129 dB / -13
Respuesta de frecuencia (-1 dB)		<10 Hz - 1
Respuesta de frecuencia (-3 dB)		<10 Hz - 2
Rango de ganancia		+10 dBu @ +
Nivel de entrada máximo		2 kΩ ba
Impedancia		109 dB / 112 dB medición A (entrada 0 dBu @ +22 dB ganancia)
Relación señal-ruido		0,005% / 0,00
Distorsión (THD+N)		Commuta
Alimentación fantasma		Conmuta
<b>Entrada de Línea</b>		
Type		Conector TRS de
Impedancia		20 kΩ balanceado,
Rango de ganancia		-10 dB
Nivel de entrada máximo		30
<b>Respuesta de Frecuencia (Entrada de Micro → Salida Priz</b>		
<10 Hz - 160 kHz		±
<b>Entradas Stereo</b>		
Type		4 x Conector TRS de
Impedancia		6,3 mm, balanceado
Rango de ganancia		20 kΩ balanceado,
Nivel de entrada máximo		-20 dB
<b>Entrada de 2 Pistas</b>		
Type		Conector
Impedancia		10
Nivel de entrada máximo		+2
<b>Equalizador de 3 Bandas</b>		
Low (graves)		Equalizador Sempip
		80 Hz
Mid (medios)		Variable
		100 Hz - 8 kHz / ±15 dB
High (agudos)		12 kHz
<b>Equalizador Fijo de 4 Bandas</b>		
Low		80 Hz / ±15 dB
Low mid		500 Hz / ±15 dB

AUX Returns		QX1832USB	QX1222USB
Type		2 x 1/4" TRS connector, balanced	2 x 1/4" TRS connector, unbalanced
Impedance		20 kΩ balanced, 10 kΩ unbalanced	
Max. input level		+22 dBu	
<b>Main Outputs</b>			
Type		XLR, balanced	
Impedance		240 Ω balanced, 120 Ω unbalanced	
Max. output level		+28 dBu	
<b>Control Room Output</b>			
Type		1/4" TRS connector, balanced	
Impedance		120 Ω	
Max. output level		+22 dBu	
<b>Phones Output</b>			
Type		1/4" TRS connector, unbalanced	
Impedance		25 Ω	
Max. output level		+21 dBu / 150 Ω (+25 dBm)	
<b>2-Track Out</b>			
Type		RCA connector	
Impedance		1 kΩ	
Max. output level		+22 dBu	
<b>DSP</b>			
Type		KLARK TEKNIK	
Converter		24-bit Sigma-Delta	
Sampling rate		64/128-times oversampling	
Wireless Input			
USB dongle		Accepts signals from 2 independent Behringer ULM mics	
<b>Main Mix System Data (Noise)</b>			
Main mix @ -∞, channel fader @ -∞		-100 dB / -103 dB A-weighted	-100 dB / -102 dB A-weighted
Main mix @ 0 dB, channel fader @ -∞		-88 dB / -91 dB A-weighted	-86 dB / -88 dB A-weighted
Main mix @ 0 dB, channel fader @ 0 dB		-80 dB / -82 dB A-weighted	-81 dB / -83 dB A-weighted
<b>Power Supply</b>			
Mains voltage		100 - 240 V~, 50/60 Hz	
Power consumption		50 W	40 W
Fuse (100 - 240 V~, 50/60 Hz)		T 1.6 AH 250V	
Mains connector		Standard IEC receptacle	
<b>USB</b>			
Connector		Type B	