

**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 @ $-\infty$	-102 dB / -105 dB A-weighted
Main mix @ 0 dB, channel fader @ $-\infty$	-85 dB / -88 dB A-weighted
Main mix @ 0 dB, channel fader @ 0 dB	-77 dB / -79 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)	445 x 440 x 140 mm (17.5 x 17.3 x 5.5")
Weight	5.7 kg (12.6 lbs)

**QX2222USB****Microphone Inputs**

XENYX Mic preamps	8
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	106 dB / 108 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	$\pm 3$ 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 / $\pm 15$ dB
Mid	Variable 100 Hz - 8 kHz / $\pm 15$ dB
High	12 kHz / $\pm 15$ dB

**Equalizer 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

**Channel Inserts**

Type	1/4" TRS connector, unbalanced
Max. input level	+22 dBu

**AUX Sends**

Type	3 x 1/4" TRS connector, balanced
Impedance	120 $\Omega$
Max. output level	+22 dBu

**AUX Returns**

Type	3 x 1/4" TRS connector, balanced
Impedance	20 k $\Omega$ balanced, 10 k $\Omega$ unbalanced
Max. input level	+22 dBu

**Main Outputs**

Type	XLR and 1/4" connectors, balanced
Impedance	240 $\Omega$ balanced, 120 $\Omega$ unbalanced
Max. output level	+28 dBu

**Control Room Output**

Type	1/4" TRS connector, balanced
Impedance	120 $\Omega$
Max. output level	+22 dBu

**Phones Output**

Type	1/4" TRS connector, unbalanced
Impedance	25 $\Omega$
Max. output level	+21 dBu / 150 $\Omega$ (+25 dBm)

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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 @ $-\infty$	-85 dB / -88 dB A-weighted
Main mix @ 0 dB, channel fader @ 0 dB	-78 dB / -80 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	4.8 kg (10.6 lbs)