

802

Specifications

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XENYX

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XENYX 802

XENYX

Premium 8-Input 2-Bus Mixer with XENYX Mic Preamps and British EQs

- ▲ Premium ultra low-noise, high headroom analog mixer
- ▲ 2 state-of-the-art XENYX Mic Preamps comparable to stand-alone boutique preamps
- ▲ Neo-classic “British” 3-band EQs for warm and musical sound
- ▲ 1 post fader FX send per channel for external FX devices
- ▲ 1 stereo aux return for FX applications or as separate stereo input
- ▲ Main mix outputs plus separate control room, phones and stereo CD/tape outputs
- ▲ CD/tape inputs assignable to main mix or control room/phones outputs
- ▲ High-quality components and exceptionally rugged construction ensure long life
- ▲ Conceived and designed by BEHRINGER Germany

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SPECIFICATIONS

Mono inputs

Microphone inputs (XENYX Mic Preamp)

Type	XLR, electronically balanced, discrete input circuit
Mic E.I.N. (20 Hz - 20 kHz)	
@ 0 Ω source resistance	-134 dB / 135.7 dB A-weighted
@ 50 Ω source resistance	-131 dB / 133.3 dB A-weighted
@ 150 Ω source resistance	-129 dB / 130.5 dB A-weighted

Frequency response	<10 Hz - 150 kHz (-1 dB), <10 Hz - 200 kHz (-3 dB)
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Gain range	+10 to +60 dB
Max. input level	+12 dBu @ +10 dB gain
Impedance	approx. 2.6 k Ω balanced
Signal-to-noise ratio	110 dB / 112 dB A-weighted (0 dBu In @ +22 dB gain)

Distortion (THD+N)	0.005% / 0.004% A-weighted
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Line input

Type	1/4" TRS connector electronically balanced
Impedance	approx. 20 k Ω balanced 10 k Ω unbalanced
Gain range	-10 to +40 dB
Max. input level	+22 dBu @ 0 dB Gain

Fade-out attenuation¹ (Crosstalk attenuation)

Main fader closed	90 dB
Channel muted	89.5 dB
Channel fader closed	89 dB

Frequency response

Microphone input to main out	
<10 Hz - 90 kHz	+0 dB / -1 dB
<10 Hz - 160 kHz	+0 dB / -3 dB

Stereo inputs

Type	1/4" TRS connector, electronically balanced
Impedance	approx. 20 k Ω
Max. input level	+22 dBu

EQ mono channels

Low	80 Hz / \pm 15 dB
Mid	2.5 kHz / \pm 15 dB
High	12 kHz / \pm 15 dB

EQ stereo channels

Low	80 Hz / \pm 15 dB
Mid	2.5 kHz / \pm 15 dB
High	12 kHz / \pm 15 dB

Aux send

Type	1/4" TS connector, unbalanced
Impedance	approx. 120 Ω
Max. output level	+22 dBu

Main outputs

Type	1/4" TRS connector, unbalanced
Impedance	approx. 120 Ω unbal.
Max. output level	+22 dBu

Control room outputs

Type	1/4" TS connector, unbal.
Impedance	approx. 120 Ω
Max. output level	+22 dBu

Headphones output

Type	1/4" TRS connector, unbalanced
Max. output level	+19 dBu / 150 Ω (+25 dBm)

Main mix system data²

Noise	
Main mix @ - ∞ ,	
Channel fader - ∞	-106 dB / -109 dB A-weighted
Main mix @ 0 dB,	
Channel fader - ∞	-95 dB / -98 dB A-weighted
Main Mix @ 0 dB,	
Channel fader @ 0 dB	-84 dB / -87 dB A-weighted

Power supply

Power consumption	17W
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Mains voltage

USA/Canada	120 V~, 60 Hz, MXUL5 adapter
U.K./Australia	240 V~, 50 Hz, MXUK5 adapter
Europe	230 V~, 50 Hz, MXEU5 adapter
Japan	100 V~, 60 Hz, MXJP5 adapter

Dimensions

Dimensions (H x W x D)	1 5/6" / 1 1/2" (47 mm / 37 mm) x 7 2/5" (189 mm) x 8 2/3" (220 mm)
Weight (net)	approx. 1.00 kg (2.21 lbs)

Measuring conditions:

- 1 kHz rel. to 0 dBu; 20 Hz - 20 kHz; line input; main output; unity gain.
- 20 Hz - 20kHz; measured at main output. Channels 1 - 4 unity gain; EQ flat; all channels on main mix; channels 1/3 as far left as possible, channels 2/4 as far right as possible. Reference = +6 dBu.

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