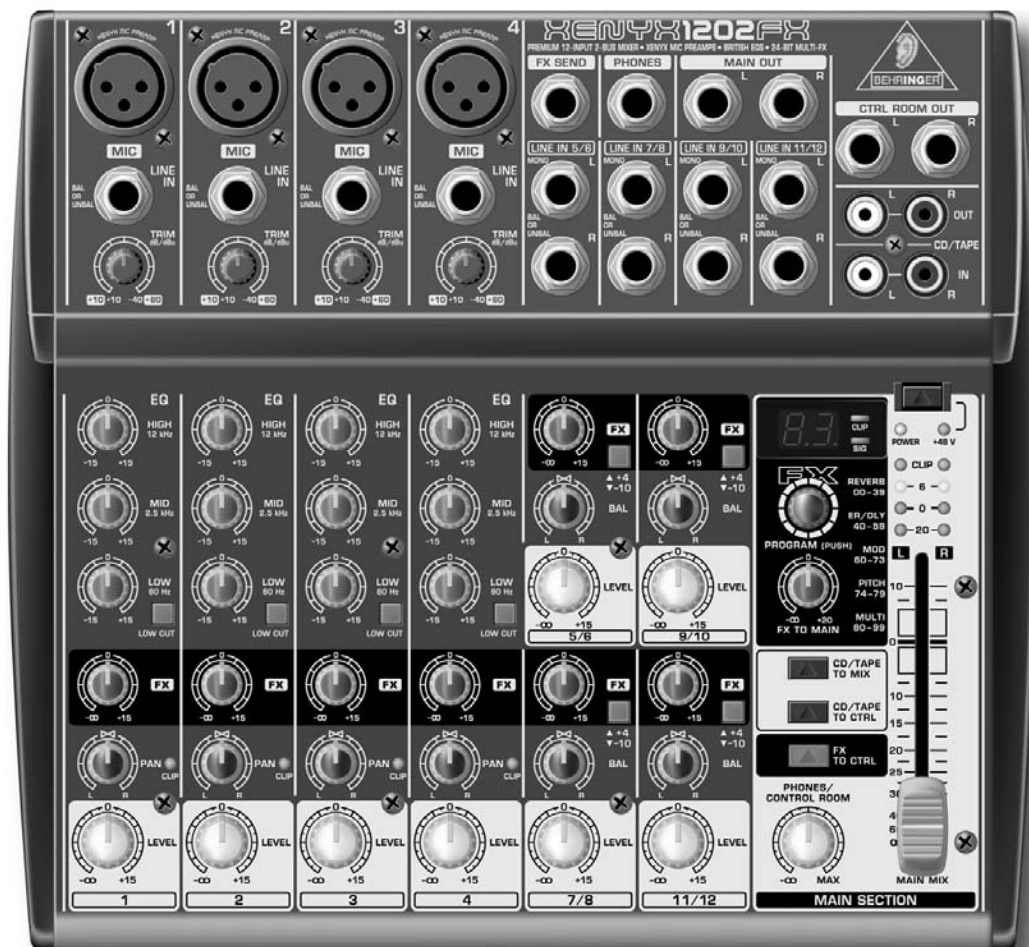


1202FX

Technical Specifications

GB

Version 1.0 January 2006



XENYX

www.behringer.com



XENYX

Premium 12-Input 2-Bus Mixer with XENYX Mic Preamps, British EQs and 24-Bit Multi-FX Processor

- ▲ Premium ultra low-noise, high headroom analog mixer
- ▲ 4 state-of-the-art XENYX Mic Preamps comparable to stand-alone boutique preamps
- ▲ Neo-classic "British" 3-band EQs for warm and musical sound
- ▲ Studio-grade 24-bit stereo FX processor with 100 awesome presets including reverb, chorus, flanger, delay, pitch shifter and various multi-effects
- ▲ FX send control per channel for internal FX processor and/or as external send
- ▲ 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
- ▲ Long-wearing 60-mm logarithmic-taper fader and sealed rotary controls
- ▲ High-quality components and exceptionally rugged construction ensure long life
- ▲ Conceived and designed by BEHRINGER Germany

1202FX

SPECIFICATIONS

Mono inputs

Microphone inputs

Type	XLR, electronically balanced, discrete input circuit
Mic E.I.N. (20 Hz - 20 kHz)	
@ 0 Ω source resistance	-132.7 dB / 137 dB A-weighted
@ 50 Ω source resistance	-130 dB / 133.9 dB A-weighted
@ 150 Ω source resistance	-127.1 dB / 130.9 dB A-weighted

Frequency response <10 Hz - 200 kHz (-1 dB)

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	-107 dB / -111 dB A-weighted (0 dBu In @ +22 dB gain)

Distortion (THD+N) 0.005% / 0.003% A-weighted

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	+20 dBu @ 0 dB Gain

Fade-out attenuation¹ (Crosstalk attenuation)

Main fader closed	85 dB
Channel fader closed	88 dB

Frequency response

Microphone input to main out	
<10 Hz - 80 kHz	+0 dB / -1 dB
<10 Hz - 137 kHz	+0 dB / -3 dB

Stereo inputs

Type	1/4" TRS connector, electronically balanced
Impedance	approx. 20 k Ω bal. / 10k Ω unbal. (+4 dBu operating level) approx. 20 k Ω bal. / 5k Ω unbal. (-10 dBV)
Max. input level	+22 dBu

EQ mono channels

Low	80 Hz / ± 15 dB
Mid	2.5 kHz / ± 15 dB
High	12 kHz / ± 15 dB

AUDIO OUTPUTS

FX send

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

Main outputs

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

Control room outputs

Type	1/4" TRS connector, unbalanced
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 - ∞	-105 dB / -108 dB A-weighted
Main mix @ 0 dB,	
Channel fader - ∞	-94 dB / -97 dB A-weighted
Main Mix @ 0 dB,	
Channel fader @ 0 dB	-83 dB / -85 dB A-weighted

FX section

Converter	24-Bit Sigma-Delta
Sampling rate	40 kHz

Power supply

Power consumption	17 W
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Mains voltage

USA/Canada	120 V~, 60 Hz, MXUL6 adapter
U.K./Australia	240 V~, 50 Hz, MXUK6 adapter
Europe	230 V~, 50 Hz, MXEU6 adapter
China/Korea	220 V~, 50 Hz, MXCN6 adapter
Japan	100 V~, 60 Hz, MXJP6 adapter

Dimensions

Dimensions (H x W x D)	1 5/6" / 1 1/2" x 9 1/2" x 8 2/3" (47 mm / 37 mm x 242 mm x 220 mm)
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Weight (net)	approx. 2.97 lbs (1.35 kg)
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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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Hanns-Martin-Schleyer-Str. 36-38, 47877 Willich-Münchheide II, Germany.
Tel. +49 2154 9206 0, Fax +49 2154 9206 4903
