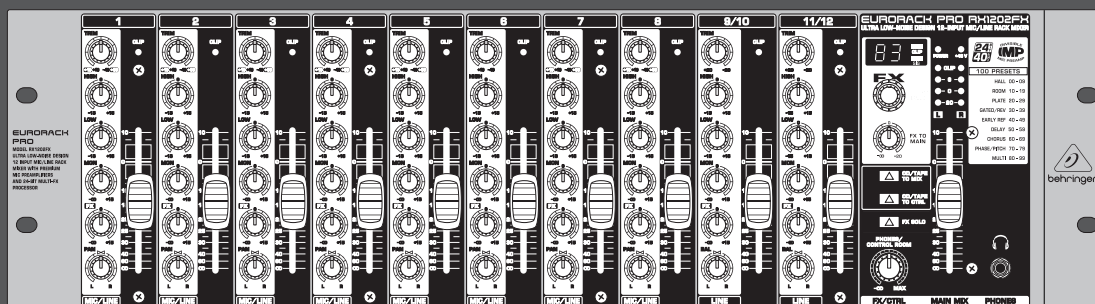




Technical Specifications



EURORACK PRO RX1202FX

Premium 12-Input Mic/Line Rack Mixer with
XENYX Mic Preamplifiers, British EQ's and Multi-FX Processor

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Premium 12-Input Mic/Line Rack Mixer with XENYX Mic Preamplifiers, British EQ's and Multi-FX Processor

- Premium ultra-low noise, high headroom analog 3U rack mount mixer
- 8 state-of-the-art XENYX Mic Preamps comparable to stand-alone boutique preamps
- Neo-classic "British" 2-band EQs for warm and musical sound
- Studio-grade FX processor with 100 awesome presets including reverb, chorus, flanger, delay, pitch shifter and various multi-effects
- Switchable +48 V phantom power for condenser microphones
- 4 additional balanced high-headroom line inputs
- CD/Tape inputs assignable to Main mix or Control Room/Phones outputs
- 2 Aux sends per channel: 1 pre fader for monitoring applications, 1 post fader for internal FX or as external send
- Separate Control Room, Phones and stereo CD/tape outputs
- Balanced Main mix outputs with gold-plated XLR connectors
- Long-wearing 60-mm logarithmic-taper faders and sealed rotary controls
- "Planet Earth" switching power supply for maximum flexibility (100 - 240 V~), noise-free audio, superior transient response plus low power consumption for energy saving
- High-quality components and exceptionally rugged construction ensure long life

- Conceived and designed by BEHRINGER Germany

Gain range	-10 dB to +40 dB
Max. input level	+22 dBu @ 0 dB gain

Specifications

Mono Inputs

MIC (IMP Invisible Mic Preamp)

Type	XLR, electr. balanced
Mic E.I.N. (20 Hz – 20 kHz)	
@ 0 Ω source resistance	-132 dB / -134 dB A-weighted
@ 50 Ω source resistance	-130 dB / -132 dB A-weighted
@ 150 Ω source resistance	-128 dB / -130 dB A-weighted
Frequency response	<10 Hz – 200 kHz
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
Distortion (THD+N)	0.003%, A-weighted

Line In

Type	¼" TRS connector, electronically balanced
Impedance	approx. 20 k Ω balanced approx. 10 k Ω unbalanced

Stereo Inputs

Type	¼" TRS connector, electronically balanced
Impedance	approx. 20 k Ω balanced approx. 10 k Ω unbalanced
Max. input level	+22 dBu

Insert

Type	¼" TRS connector (Tip=Send, Ring=Return)
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Auxiliary Inputs

CD/TAPE IN

Type	RCA connectors, unbalanced
Impedance	approx. 20 k Ω
Max. input level	+22 dBu

Aux Return

Type	¼" TRS connector, balanced
Impedance	approx. 20 k Ω balanced approx. 10 k Ω unbalanced
Max. input level	+22 dBu

Outputs**Aux Sends (FX)**

Type	¼" TRS connector, impedance balanced
Impedance	approx. 240 Ω balanced approx. 120 Ω unbalanced
Max. output level	+22 dBu

Aux Sends (MON)

Type	¼" TRS connector, impedance balanced
Impedance	approx. 240 Ω balanced approx. 120 Ω unbalanced
Max. output level	+22 dBu

Main Out

Type	XLR connectors, balanced
Impedance	approx. 240 Ω balanced approx. 120 Ω unbalanced
Max. output level	+28 dBu balanced +22 dBu unbalanced

CTRL Out

Type	¼" TRS connector, impedance balanced
Impedance	approx. 240 Ω balanced approx. 120 Ω unbalanced
Max. output level	+22 dBu

CD/TAPE Out

Type	RCA connectors, unbalanced
Impedance	approx. 1 kΩ
Max. output level	+22 dBu

Phones

Type	¼" TRS connector
Max. output level	+19 dBu / 150 Ω (316 mW)

EQ

Low	100 Hz / ±15 dB
High	12 kHz / ±15 dB

Main Mix System Data¹**Noise**

Main mix @ -∞, Channel fader -∞	-98 dB / -101 dB A-weighted
Main mix @ 0 dB, Channel fader -∞	-85 dB / -88 dB A-weighted
Main mix @ 0 dB, Channel fader @ 0 dB	-77 dB / -80 dB A-weighted

Fade Attenuation² (Crosstalk Attenuation)

Main fader closed	90 dB
Channel fader closed	90 dB

Frequency Response**Microphone Input to Main Out**

<20 Hz – 105 kHz	+1 dB / -1 dB
<10 Hz – 170 kHz	+3 dB / -3 dB

Effects Section

Converter	24-bit Sigma-Delta
Frequency rate	40 kHz
Presets	100

Power Supply

Power consumption	18 W
Voltage	100 – 240 V~, 50/60 Hz
Fuse	100 – 240 V~: T 1.6 A H 250 V
Mains connection	IEC (power) cable

Dimensions/Weight

Dimensions (H x W x D)	approx. 5 ½ x 19 x 5 ¾" approx. 133 x 482 x 150 mm
Weight (net)	approx. 6.4 lbs / 2.9 kg

Measuring conditions:

1: 20 Hz – 20 kHz; measured at main output. Channels 1 – 8 gain @ unity; EQ flat; all channels on main mix; channels 1/3/5/7 leftmost, channels 2/4/6/8 rightmost. Reference = +6 dBu. 2: 1 kHz relative to 0 dBu; 20 Hz – 20 kHz; line input; main output; gain @ unity.

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