



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 kΩ 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 kΩ balanced approx. 10 kΩ unbalanced |

Stereo Inputs

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

Insert

| | |
|------|--|
| Type | ¼" TRS connector (Tip=Send, Ring=Return) |
|------|--|

Auxiliary Inputs

CD/TAPE IN

| | |
|------------------|----------------------------|
| Type | RCA connectors, unbalanced |
| Impedance | approx. 20 kΩ |
| Max. input level | +22 dBu |

Aux Return

| | |
|------------------|--|
| Type | ¼" TRS connector, balanced |
| Impedance | approx. 20 kΩ balanced approx. 10 kΩ 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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