



Technical Specifications



EURORACK UB1202FX

Ultra-Low Noise Design 12-Input 2-Bus Mic/Line Mixer
with Premium Mic Preamplifiers and Multi-FX Processor

EURORACK UB1202FX

Ultra-Low Noise Design 12-Input 2-Bus Mic/Line Mixer with Premium Mic Preamplifiers and Multi-FX Processor

- Ultra-low noise design, highest possible headroom, ultra-transparent audio
- 4 state-of-the-art, studio-grade IMP "Invisible" Mic Preamps with 130 dB dynamic range for 24-bit, 192 kHz sampling rate inputs
- Integrated digital stereo FX processor with 100 awesome presets including reverb, chorus, flanger, delay, pitch shifter and various multi-effects
- Effective, ultra-musical 3-band EQ plus switchable low-cut filter on all mono channels
- Clip LEDs on all mono channels
- 12 balanced high-headroom line inputs with +4/-10 level selection on all stereo channels
- FX send control per channel for internal FX processor and/or as external send
- Main mix outputs plus separate control room, headphone and 2-track outputs
- 2-track inputs assignable to main mix or control room/headphone outputs
- Switchable +48 V phantom power for condenser microphones
- External power supply for noise-free audio and superior transient response
- High-quality components and exceptionally rugged construction ensure long life
- Conceived and designed by BEHRINGER Germany

Specifications

Microphone inputs (IMP Invisible Mic Preamp)

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	¼" 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	¼" TRS connector, electronically balanced
Impedance	approx. 20 kΩ bal. / 10 kΩ unbal. (+4 dBu operating level) approx. 20 kΩ bal. / 5 kΩ unbal. (-10 dBV)
Max. input level	+22 dBu

Audio Outputs**FX Send**

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

Main Outputs

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

Control Room Outputs

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

Headphones output

Type	¼" 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**

UB1202FX:	17 W
-----------	------

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	220 V~, 50 Hz, MXCN6 adapter
Japan	100 V~, 60 Hz, MXJP6 adapte

Physical/Weight

Dimensions (H x W x D)	approx. 1 5/8 x 9 1/2 x 8 2/3" approx. 47 x 242 x 220 mm
Weight (Net)	approx. 4.6 lbs / 2.08 kg

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.

BEHRINGER is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may differ from those listed or illustrated

Technical specifications and appearance are subject to change without notice. The information contained herein is correct at the time of printing. All trademarks are the property of their respective owners. MUSIC Group accepts no liability for any loss which may be suffered by any person who relies either wholly or in part upon any description, photograph or statement contained herein. Colors and specifications may vary slightly from product. BEHRINGER products are sold through authorized dealers only. Distributors and dealers are not agents of MUSIC Group and have absolutely no authority to bind MUSIC Group by any express or implied undertaking or representation. This manual is copyrighted. No part of this manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording of any kind, for any purpose, without the express written permission of MUSIC Group IP Ltd. ALL RIGHTS RESERVED. © 2011 MUSIC Group IP Ltd. Trident Chambers, Wickhams Cay, P.O. Box 146, Road Town, Tortola, British Virgin Islands