Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Behringer UB1202

Behringer EURORACK UB1202 Mixer User Manual

Instruction Manual for the Behringer EURORACK UB1202 Ultra-Low Noise Design 12-Input 2-Bus Mic/Line Mixer

1. Introduction

This manual provides essential information for the safe and efficient operation of your Behringer EURORACK UB1202 mixer. The UB1202 is a compact 12-input, 2-bus mic/line mixer designed for various audio applications, offering high-quality sound and versatile connectivity.

Key features include four state-of-the-art Invisible Mic Preamps (IMPs), a 3-band EQ with a switchable low-cut filter on mono channels, and multiple output options for monitoring and recording.



Figure 1: Top-down view of the Behringer EURORACK UB1202 mixer, showcasing its various inputs, controls, and outputs.

2. Safety Instructions

Please read and follow these safety instructions carefully to prevent damage to the device or injury to yourself.

- **Power Source:** Connect the mixer only to the specified power supply. Ensure the voltage matches the requirements indicated on the device.
- **Water and Moisture:** Do not expose the device to rain or moisture. Do not place objects filled with liquids, such as vases, on the device.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings.
- **Heat:** Avoid placing the device near heat sources such as radiators, heat registers, stoves, or other heat-producing appliances. The device may generate heat during operation; ensure it is placed in an area with good airflow.
- **Cleaning:** Clean only with a dry cloth.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **No On/Off Switch:** This mixer does not feature a dedicated on/off switch. To power off the unit, disconnect it from the power outlet. For convenience, consider connecting the mixer to a power strip with an integrated switch.

3. Setup

3.1 Unpacking

Carefully unpack your EURORACK UB1202 mixer. Inspect the unit for any signs of damage that may have occurred during transit. Retain the packaging for future transport or storage.

3.2 Power Connection

Connect the provided power adapter to the mixer's power input and then to a suitable electrical outlet. As noted in the safety instructions, the unit does not have an on/off switch. Power is supplied as soon as it is plugged in.

3.3 Connecting Audio Devices

The UB1202 offers various input and output options:

- **Microphones:** Use XLR cables to connect microphones to the **MIC IN** jacks (channels 1-4). These channels feature Invisible Mic Preamps (IMPs) for high-quality audio.
- **Line-Level Instruments/Devices:** Connect instruments like guitars, keyboards, or beat machines to the **LINE IN** jacks (channels 1-4 for mono, channels 5/6, 7/8, 9/10, 11/12 for stereo).
- **Main Outputs:** Connect your main speaker monitors or recording interface to the **MAIN MIX OUT** (balanced 1/4" TRS).
- **Control Room/Headphones:** Use the **CTRL ROOM OUT** for control room monitors and the **PHONES** jack for headphones.
- **Tape In/Out:** RCA connections are available for connecting tape recorders or other stereo playback/recording devices.



Figure 2: Angled view of the Behringer EURORACK UB1202 mixer, highlighting the control knobs and input/output jacks.

4. Operating Instructions

4.1 Channel Controls (Mono Channels 1-4)

- **GAIN:** Adjusts the input sensitivity for microphones or line-level signals. Set this to achieve a healthy signal level without clipping.
- **EQ (HIGH, MID, LOW):** Three-band equalizer for shaping the tone of the input signal.
- **LOW CUT:** Activates a high-pass filter to remove unwanted low-frequency rumble.
- **FX:** Sends a portion of the channel signal to the external effects device connected to the FX Send output. This is a post-fader send.
- **PAN:** Positions the channel signal within the stereo field (left to right).
- **LEVEL:** Adjusts the overall volume of the channel sent to the main mix.

4.2 Stereo Channels (5/6, 7/8, 9/10, 11/12)

These channels are designed for stereo line-level inputs and typically feature fewer controls, often including a level control, balance (BAL) for stereo positioning, and an FX send.

4.3 Main Section

- **MAIN MIX FADER:** Controls the overall output volume of the main stereo mix.
- **LEVEL METERS:** LED indicators display the output level of the main mix. Aim for levels that are strong but do not consistently peak into the red.
- **TAPE TO MIX/CTRL ROOM:** Buttons to route the tape input signal to either the main mix or the control room/headphones output.
- **PHONES/CTRL ROOM LEVEL:** Adjusts the volume for headphones and control room outputs.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your mixer.

- **Cleaning:** Disconnect the mixer from power before cleaning. Use a soft, dry, lint-free cloth to wipe down the exterior. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the mixer in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to use the original packaging for storage.
- **Ventilation:** Regularly check that ventilation openings are clear of dust and debris to prevent overheating.

6. Troubleshooting

If you encounter issues with your UB1202 mixer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output	Power not connected	Ensure power adapter is securely plugged in.
	Main Mix fader down	Raise the MAIN MIX fader.
	Channel level down	Increase the LEVEL knob for the affected channel.
	Incorrect cable connections	Verify all audio cables are correctly connected and functional.
	External device issues	Check if connected microphones, instruments, or speakers are powered on and working.
Distorted sound	Input GAIN too high	Reduce the GAIN knob on the input channel.
	Output level too high	Lower the MAIN MIX fader or channel LEVEL.
	Faulty cable	Try a different cable.
Unit feels warm	Normal operation	Some warmth is normal.
	Poor ventilation	Ensure the mixer is in a well-ventilated area and not covered.
LEDs are too bright	Design characteristic	Consider placing a small piece of opaque tape over excessively bright LEDs if they are distracting.

7. Specifications

Model	EURORACK UB1202
Brand	Behringer
Number of Channels	12 (4 mono, 4 stereo)
Mic Preamps	4 x Invisible Mic Preamps (IMPs)
EQ	3-band (High, Mid, Low) with switchable low-cut filter on mono channels
FX Sends	1 x Post-fader per channel
Operational Amplifiers	State-of-the-art 4580 op amps

Connectivity Technology	Auxiliary
Power Source	Corded Electric
Material Type	Metal, Plastic
Item Weight	7.04 pounds (3.2 Kilograms)
Product Dimensions	9.5 x 9 x 2 inches
Compatible Devices	Beat Machines, Guitars, Keyboards, Mics, Speaker Monitors

8. Warranty and Support

For detailed warranty information and technical support, please refer to the official Behringer website or contact their customer service directly. Keep your purchase receipt as proof of purchase.
Behringer Official Website: www.behringer.com

© 2023 Behringer. All rights reserved. Information in this manual is subject to change without notice.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0002JF5E0

More documents and user manuals: **https://manuals.plus/**