Behringer UFO202

Behringer U-PHONO UFO202 USB Audio Interface Instruction Manual

1. INTRODUCTION

The Behringer U-PHONO UFO202 is a compact, high-quality 2-input/2-output USB audio interface designed to convert analog audio sources, such as turntables and cassette players, into digital format. It features a built-in phono preamplifier, allowing direct connection of record players, and provides high-quality audio conversion for your computer. This manual provides essential information for the proper setup, operation, and maintenance of your UFO202.

2. SAFETY INSTRUCTIONS

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

- **Read Instructions:** Always read and understand all instructions before operating the device.
- **Keep Instructions:** Retain this manual for future reference.
- **Heed Warnings:** Pay attention to all warnings on the product and in the operating instructions.
- **Water and Moisture:** Do not use this apparatus near water or in damp environments.
- **Cleaning:** Clean only with a dry cloth. Avoid liquid cleaners.
- **Ventilation:** Do not block any ventilation openings. Ensure proper airflow around the unit.
- **Heat Sources:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Power Cord Protection:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- **Accessories:** Only use attachments/accessories specified by the manufacturer.
- **Servicing:** Refer all servicing to qualified service personnel. Do not attempt to service this product yourself.

3. FEATURES

The Behringer U-PHONO UFO202 offers the following key features:

- Compact 2-input/2-output USB audio interface with RCA analog inputs and outputs.

- Integrated phono preamplifier for direct connection of turntables and cassette players.
- USB connectivity for digitizing analog audio to a PC.
- Adjustable stereo headphone output with a standard 1/4-inch jack.
- Switchable input monitoring, allowing independent monitoring of input and output signals.
- Phono input is switchable to line input for versatile source compatibility.
- USB bus-powered operation, eliminating the need for an external power supply.

4. SETUP

Follow these steps to set up your Behringer U-PHONO UFO202:

1. **Connect to Computer:** Connect the UFO202 to an available USB port on your computer using the integrated USB cable. The device is USB class-compliant and typically does not require special drivers for Windows, macOS, or Linux.

2. **Connect Audio Source:** Connect your analog audio source (e.g., turntable, cassette player, or other line-level device) to the RCA INPUT jacks on the UFO202. Ensure left (white) and right (red) channels are correctly matched.

3. **Ground Connection (for Turntables):** If connecting a turntable, attach its ground wire to the GND terminal on the UFO202 to minimize hum and noise.

4. **Select Input Type:** Use the PHONO/LINE switch on the UFO202 to select the appropriate input type for your source. Select **PHONO** for turntables and **LINE** for cassette players or other line-level devices.

5. **Connect Headphones:** For monitoring, plug your headphones into the 1/4-inch PHONES jack. Adjust the VOLUME knob to control headphone output level.

6. **Connect to Playback System (Optional):** If you wish to route the audio output to external speakers or an amplifier, connect the RCA OUTPUT jacks of the UFO202 to the corresponding inputs on your playback system.

Figure 1: Front view of the Behringer U-PHONO UFO202, showing the RCA inputs and outputs, USB cable, headphone jack, and volume control.

Figure 2: Top-down view of the Behringer U-PHONO UFO202, highlighting the RCA input/output connections, the PHONO/LINE switch, and the GND terminal.

5. OPERATING

Once the UFO202 is set up, you can begin using it for audio conversion and playback:

- **Input Monitoring:** The UFO202 features an OFF/ON MONITOR switch. When set to**ON**, you can monitor the input signal directly through the headphone output. When set to **OFF**, you will monitor the audio playback from your computer.
- **Headphone Volume:** Adjust the VOLUME knob to control the listening level through your headphones.
- **Software Configuration:** On your computer, select the UFO202 as your audio input and output device within your operating system's sound settings and your preferred audio recording/playback software (e.g., Audacity).
- **Recording:** Start playback on your analog source and initiate recording in your software. Monitor the levels to prevent clipping or distortion.
- **Playback:** Play audio from your computer, and it will be routed through the UFO202's RCA OUTPUTs and headphone jack (if monitor switch is OFF).

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your UFO202:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners, solvents, or waxes.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Cable Care:** Avoid bending or kinking the integrated USB cable excessively.
- **Ventilation:** Ensure that the ventilation openings are always clear of dust and debris.

7. TROUBLESHOOTING

If you encounter issues with your UFO202, refer to the following troubleshooting tips:

Problem	Possible Cause	Solution
No sound output from headphones/speakers.	Incorrect connections, low volume, incorrect software settings.	Check all RCA and headphone connections. Increase the UFO202's VOLUME knob. Verify the UFO202 is selected as the output device in your computer's sound settings and audio software. Ensure the MONITOR switch is in the desired position.
No input signal detected.	Incorrect input selection, source not playing, incorrect software settings.	Ensure the PHONO/LINE switch matches your audio source. Confirm the analog source is playing. Verify the UFO202 is selected as the input device in your computer's sound settings and audio software.
Hum or buzzing noise.	Ground loop, unshielded cables, electrical interference.	Ensure the turntable's ground wire is connected to the UFO202's GND terminal. Try using different, shielded RCA cables. Avoid placing the unit near power supplies or other electronic devices that may cause interference.
Device not recognized by computer.	Faulty USB port/cable, operating system issue.	Try connecting to a different USB port on your computer. Restart your computer. Ensure your operating system is up to date.

8. SPECIFICATIONS

Feature	Detail
Inputs	2 x RCA (Phono/Line switchable)
Outputs	2 x RCA, 1 x 1/4" TRS Headphone
Interface	USB
OS Compatibility	Windows, macOS, Linux
Power Supply	USB Bus-powered
Channels	2
Product Model Number	UFO202-BK

9. WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please visit the official Behringer website or contact your local Behringer distributor. Keep your purchase receipt as proof of purchase for warranty claims.

You can find additional resources and contact information at the Behringer official website:www.behringer.com