

MOOER STEEP I

MOOER Steep I Audio Interface User Manual

Professional Recording Interface

1. INTRODUCTION

The MOOER Steep I is a high-quality audio interface designed for musicians, producers, and home recording enthusiasts. It offers support for high-resolution audio up to 24-bit/192 kHz, ensuring clear and detailed sound capture. This manual provides essential information for setting up, operating, and maintaining your Steep I audio interface.



Multi-platform Audio Interface

Image 1.1: MOOER Steep I Audio Interface in a typical recording environment.

2. SAFETY INFORMATION

Please read and understand the following safety precautions before using the device:

- Do not expose the unit to rain, moisture, or extreme temperatures.
- Avoid placing the unit near heat sources or in direct sunlight.
- Use only the specified power supply or USB connection for power.
- Do not attempt to disassemble or modify the unit. Refer all servicing to qualified personnel.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- MOOER Steep I Audio Interface
- USB-C to USB-A Cable
- User Manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the various controls and connections on your Steep I audio interface.

4.1 Front Panel Controls



Image 4.1: Top view of the Steep I, highlighting control knobs and buttons.

- **Input Gain Knobs (1 & 2):** Adjust the input level for channels 1 and 2.
- **48V Button:** Activates +48V phantom power for condenser microphones on input 2.
- **S.DRCT (Direct Monitor) Button:** Engages direct monitoring, allowing you to hear your input signal directly without latency.
- **Main Out Knob:** Controls the overall output volume to your studio monitors.
- **Mix Knob:** Blends the direct input signal with the playback signal from your computer during direct monitoring.
- **LED Input Level Indicators:** Provide visual feedback on input signal levels for both channels.
- **Power LED:** Indicates the power status of the device.

4.2 Side Panel Connections



Image 4.2: Side view of the Steep I, showing input and headphone connections.

- **PHONES (Headphone Output):** 1/4" TRS stereo jack for connecting headphones.
- **VOLUME (Headphone Volume):** Rotary knob to adjust headphone output level.
- **1 INST/LINE:** 1/4" TRS mono jack for connecting instruments (guitars, basses) or line-level devices.
- **2 MIC/LINE/INST:** XLR/TRS combo jack for connecting microphones (XLR) or instruments/line-level devices (1/4" TRS).

4.3 Rear Panel Connections



Image 4.3: Rear view of the Steep I, showing USB and main output connections.

- **POWER (USB-C):** Dedicated USB-C port for power supply.
- **USB 2.0 (USB-C):** USB-C port for data transfer to your computer. Can also supply power when connected to a PC.
- **MAIN OUT (L & R):** Two 1/4" TRS mono jacks for connecting to studio monitors or other playback systems.

5. SETUP

5.1 System Requirements

The MOOER Steep I is compatible with Windows 10 and above. It also works with Mac computers (Mini, Macbook Air) and various DAWs like ProTools, Logic Pro, and Garageband.

5.2 Connecting to Your Computer

1. Connect the provided USB-C to USB-A cable from the **USB 2.0** port on the Steep I to an available USB port on your computer.
2. If your computer cannot provide sufficient power, connect an external USB power adapter (not included) to the **POWER** USB-C port on the Steep I.
3. The Power LED on the front panel will illuminate when the device is powered on.

5.3 Driver Installation

For Windows users, it is recommended to download and install the latest ASIO drivers from the official MOOER website for optimal performance and low latency. Mac users typically do not require additional driver installation as the device is class-compliant.

5.4 Connecting Inputs

- **Channel 1 (INST/LINE):** Connect your guitar, bass, or other line-level instrument using a 1/4" TS/TRS cable.
- **Channel 2 (MIC/LINE/INST):** Connect a microphone using an XLR cable, or an instrument/line-level device using a 1/4" TS/TRS cable.

5.5 Connecting Outputs

- **Main Outputs:** Connect your studio monitors to the **MAIN OUT L** and **R** 1/4" TRS jacks using appropriate cables.
- **Headphones:** Connect your headphones to the **PHONES** 1/4" TRS jack.

6. OPERATION

6.1 Power On/Off

The Steep I powers on automatically when connected to a computer via USB or when an external power supply is connected to the POWER port. There is no dedicated power switch.

6.2 Adjusting Input Gain

Rotate the **Input Gain Knobs (1 & 2)** clockwise to increase the input level for your connected microphone or instrument. Observe the LED input level indicators to ensure your signal is strong but not clipping (peaking into the red).

6.3 Activating 48V Phantom Power

If you are using a condenser microphone with the **MIC/LINE/INST (Channel 2)** input, press the **48V** button to supply +48V phantom power. Ensure your microphone requires phantom power before activating this feature. Dynamic microphones do not require phantom power.

6.4 Direct Monitoring

Press the **S.DRCT** button to enable direct monitoring. This allows you to hear your input signal directly through your headphones or main outputs with zero latency, which is crucial for recording. Use the **Mix** knob to balance the direct input signal with the playback from your computer (e.g., backing tracks).

6.5 Headphone Monitoring

Adjust the headphone listening level using the **VOLUME** knob located next to the PHONES jack.

6.6 Main Output Level

Control the overall playback volume to your studio monitors using the **Main Out** knob.

6.7 Software Integration (DAWs)

Once connected and drivers are installed (if necessary), select the MOOER Steep I as your audio input and output device within your Digital Audio Workstation (DAW) software (e.g., Ableton Live, FL Studio, Pro Tools, Logic Pro, Garageband). Refer to your DAW's manual for specific instructions on audio device selection.

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Video 6.1: An overview of the MOOER Audio Interface, demonstrating its features and use cases.

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Video 6.2: Official demonstration of the STEEP I & II Audio Interfaces, showcasing their capabilities.

7. MAINTENANCE

7.1 Cleaning

To clean the unit, use a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents. Ensure the unit is disconnected from power before cleaning.

7.2 Storage

When not in use for extended periods, store the Steep I in a cool, dry place away from direct sunlight and extreme temperatures. Keep it in its original packaging or a protective case to prevent dust and damage.

8. TROUBLESHOOTING

If you encounter issues with your MOOER Steep I, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound from inputs	Incorrect gain setting, 48V not activated (for condenser mics), incorrect input selected in DAW, faulty cable.	Adjust input gain. Activate 48V if using a condenser mic. Verify input selection in your DAW. Check cables.
No sound from outputs (monitors/headphones)	Main Out/Headphone Volume too low, incorrect output selected in DAW, faulty cables, monitors/headphones not powered.	Increase Main Out/Headphone Volume. Verify output selection in your DAW. Check cables and ensure monitors/headphones are powered and connected correctly.
Distorted or noisy audio	Input gain too high (clipping), driver issues, ground loop.	Reduce input gain until LED indicators do not peak into red. Reinstall drivers. Try connecting to a different USB port or power outlet.
Device not recognized by computer	Driver not installed (Windows), faulty USB cable, insufficient power, incorrect USB port.	Install/reinstall drivers. Try a different USB-C cable. Ensure sufficient power is supplied (use dedicated POWER port if needed). Try a different USB port on your computer.

9. SPECIFICATIONS

Feature	Specification
Brand	MOOER
Model	STEEP I
Connectivity Technology	USB-C
Number of Channels	2
Maximum Sample Rate	24-bit/192 kHz
Compatible Devices	Microphone, Headphone, Personal Computer
Supported Software	Popular DAWs (e.g., Ableton Live, FL Studio, Pro Tools, Logic Pro, Garageband)
Operating System	Windows 10+, macOS
Audio Input	XLR/TRS Combo (Channel 2), 1/4" TRS (Channel 1)
Audio Output	1/4" TRS Main Out (L/R), 1/4" TRS Headphone Out
Item Weight	0.66 Kilograms

10. WARRANTY AND SUPPORT

10.1 Warranty Information

MOOER products are covered by a limited warranty against defects in materials and workmanship. Please refer to the warranty card included with your product or visit the official MOOER website for detailed warranty terms and conditions.

10.2 Technical Support

For technical assistance, driver downloads, or further inquiries, please visit the official MOOER website or contact MOOER customer support through the contact information provided on their website. Ensure you have your product model (Steep I) and serial number ready when contacting support.