

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [MAONO](#) /

› [MAONO USB Audio Interface for PC & XLR Dynamic Microphone: Interface with XLR Input 24-bit/192kHz Routing Software Loopback for Recording Music, Guitar, Podcast, Streaming](#)

MAONO PS22 Lite

MAONO PS22 Lite USB Audio Interface User Manual

Model: PS22 Lite

INTRODUCTION

The MAONO PS22 Lite audio interface is designed for recording enthusiasts and streamers, offering high-resolution audio capture at 24-bit/192kHz with a dynamic range of 106dB. This USB audio interface is compatible with both PC and Mac, ensuring clear and realistic sound reproduction for various applications.

Key features include:

- High-resolution recording (24-bit/192kHz) and 106dB dynamic range for pristine audio.
- Support for condenser and dynamic microphones with up to 56 dB of preamp gain and 48V phantom power.
- Dedicated instrument input for guitars and other musical instruments, with impedance adjustment.
- Powerful ProStudio Routing Software for multi-channel control, virtual channels, loopbacks, and ASIO driver compatibility.
- Intuitive modes for recording, live broadcast, and instruments, offering plug-and-play functionality and direct monitoring.

PRODUCT OVERVIEW



Figure 1: The MAONO PS22 Lite audio interface shown with a dynamic microphone and desk stand.

Mix and route with prostudio software

Multi-channel control, Ultra-low latency

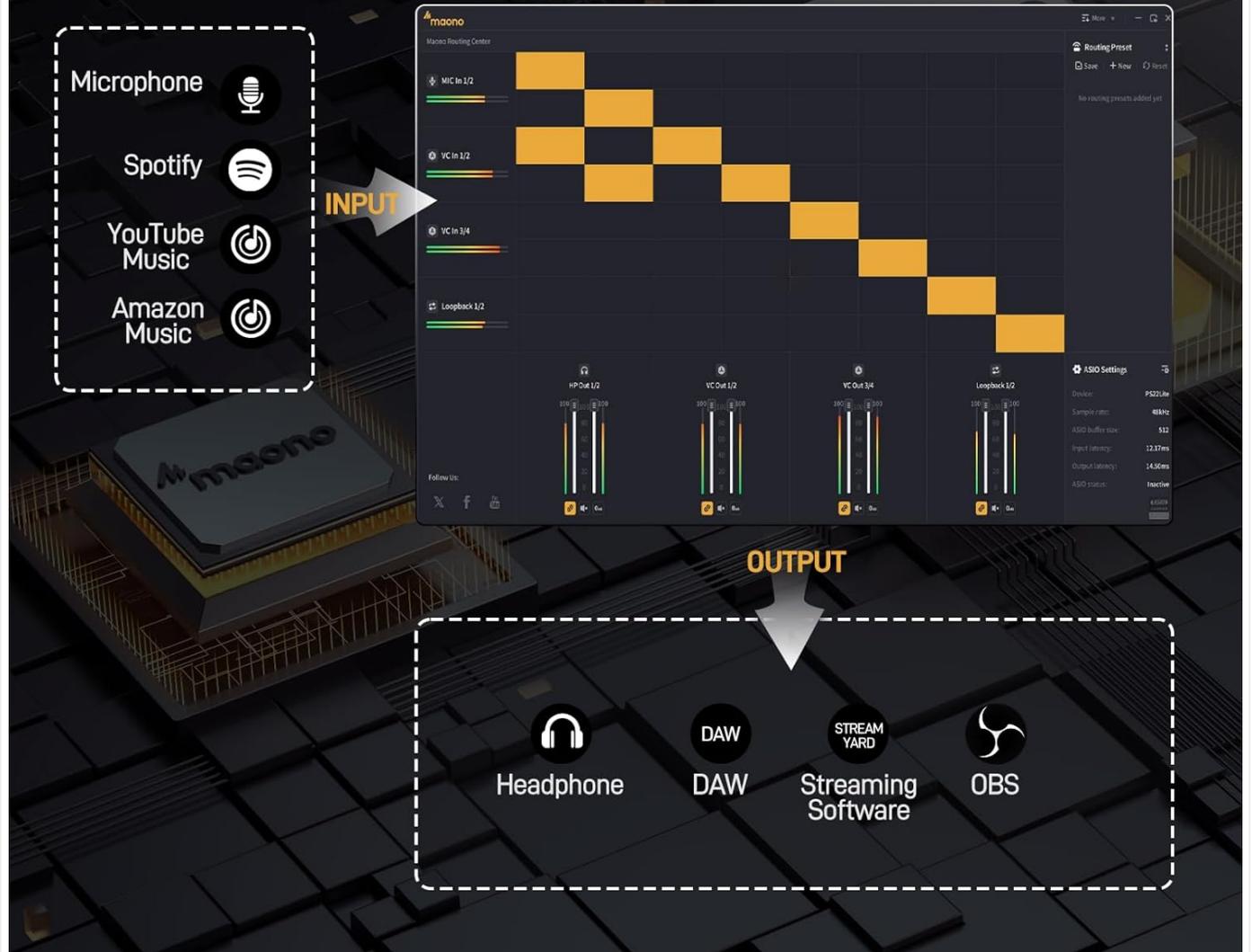


Figure 2: Rear view of the MAONO PS22 Lite audio interface, highlighting the various input and output ports for connectivity.

SETUP GUIDE

1. Connecting the Audio Interface

1. Connect the MAONO PS22 Lite to your computer (PC or Mac) using the provided USB cable. Ensure the connection is secure.
2. For microphones, connect your XLR dynamic or condenser microphone to the XLR input port on the interface. If using a condenser microphone, activate the 48V phantom power switch on the interface.
3. For instruments, connect your guitar or other high-impedance musical instrument to the dedicated instrument input.
4. Connect your headphones to the 3.5mm headphone jack for direct monitoring.

2. Software Installation

The MAONO PS22 Lite utilizes the ProStudio Routing Software for advanced control and routing. It is also compatible

with ASIO drivers for low-latency performance on Windows systems.

- Visit the official MAONO website to download the latest version of the ProStudio Routing Software and any necessary drivers (e.g., ASIO drivers for Windows).
- Follow the on-screen instructions to complete the software installation.
- Restart your computer after installation if prompted.



Figure 3: The ProStudio Routing Software interface, demonstrating multi-channel control and routing capabilities.

OPERATING INSTRUCTIONS

Microphone Usage

The PS22 Lite provides up to 56 dB of preamp gain, suitable for both condenser and dynamic microphones. Ensure 48V phantom power is enabled for condenser microphones.

With a powerful 55dB gain preamp

Effortlessly drive even the most challenging dynamic microphones.



Figure 4: Demonstrating an XLR microphone connected to the MAONO PS22 Lite, highlighting the preamp gain control.

The microphone features an inner double layer pop filter and cardioid pickup pattern for effective noise reduction, ensuring clean and natural vocal audio.

Three-level indicator light

provides clear visibility, quickly knows the connection status, lets your creative endeavors flow seamlessly.



Figure 5: Visual representation of the microphone's internal design for noise reduction, including the pop filter and cardioid pickup.

Instrument Input

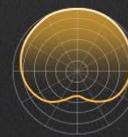
Connect your guitar or other musical instruments to the dedicated input. Adjust the impedance as needed within the ProStudio software or on the device for optimal sound.

EFFECTIVE NOISE REDUCTION DESIGNS

Keep podcast streaming and vocal audio clean and natural



Inner double layer pop filter



Cardioid pickup

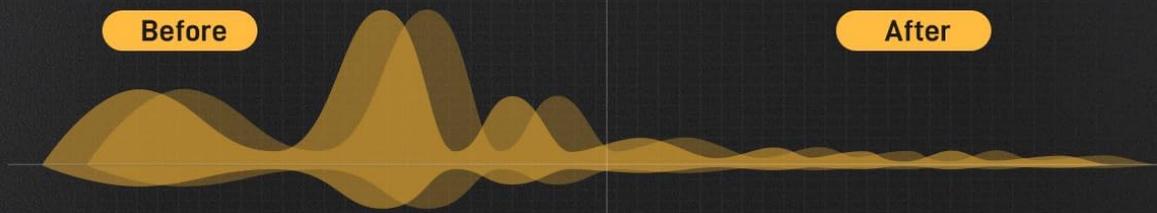


Figure 6: A user playing a guitar connected to the MAONO PS22 Lite, demonstrating its use for recording musical instruments.

ProStudio Routing Software and Loopback

The ProStudio Routing Software allows for advanced audio routing, including virtual channels and loopback functionality. This is particularly useful for live streaming and podcasting, enabling you to mix various audio sources seamlessly.



3.5mm headphone jack

Artfully positioned on the side for your convenience.
Offering instant feedback to elevate your creative process.

Figure 7: The ProStudio software interface displaying the loopback feature, allowing for flexible audio mixing and overlaying.

Indicator Lights

The device features a three-level indicator light system to quickly show the connection status:

- **Blue Light:** Powered on, but no data connection detected.
- **Purple Light:** USB data connection detected, and the device is in Instrument Stream Mode.
- **Green Light:** USB data connection detected, indicating normal operation.

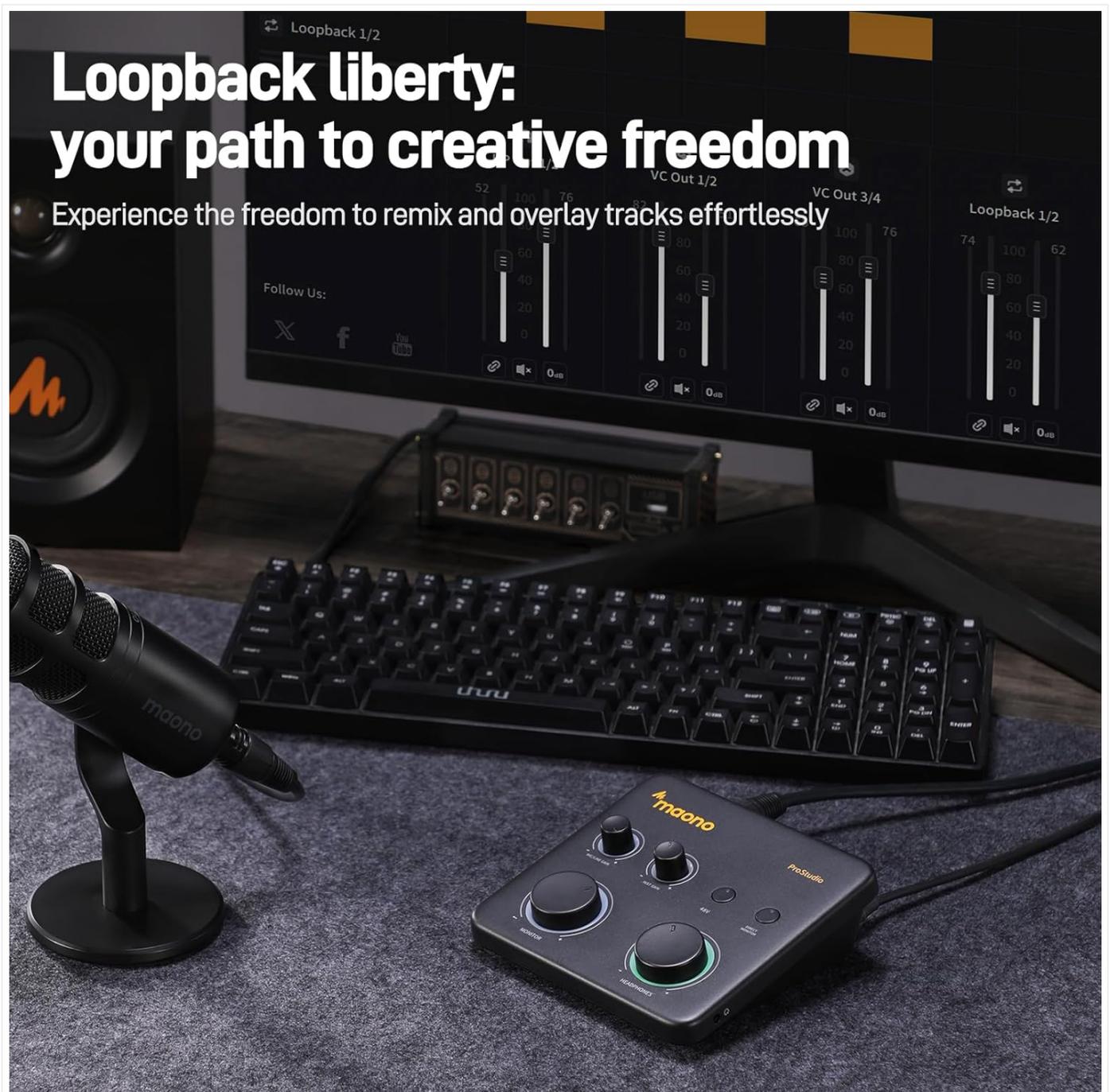


Figure 8: Close-up of the MAONO PS22 Lite showing the different colored indicator lights and their meanings.

MAINTENANCE

To ensure the longevity and optimal performance of your MAONO PS22 Lite audio interface, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the exterior of the device. Avoid using liquid cleaners or abrasive materials, as they may damage the finish or internal components.
- **Storage:** When not in use, store the interface in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts, which could damage internal circuitry.
- **Connectivity:** Periodically check all cables and connections for wear and tear. Replace damaged cables to prevent signal loss or intermittent issues.

TROUBLESHOOTING

If you encounter issues with your MAONO PS22 Lite, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No sound output from headphones/speakers.	Incorrect audio output device selected in computer settings. Headphone/monitor volume too low. Cables not properly connected.	Ensure "MAONO PS22 Lite" is selected as the default playback device in your operating system's sound settings. Increase the "HEADPHONES" and "MONITOR" knobs on the interface. Verify all audio cables are securely plugged in.
Microphone not detected or no input signal.	Microphone not connected correctly. 48V phantom power not enabled for condenser mics. Input gain too low. Incorrect input device selected in recording software.	Check XLR cable connection to the interface and microphone. Press the 48V button on the interface if using a condenser microphone. Increase the "MIC GAIN" knob on the interface. In your recording software (DAW), select "MAONO PS22 Lite" as the input device.
Software (ProStudio) not recognizing the device.	Drivers not installed or outdated. USB connection issue.	Reinstall the ProStudio Routing Software and ensure all necessary drivers are updated from the MAONO website. Try connecting the interface to a different USB port on your computer. Restart your computer.

SPECIFICATIONS

Feature	Detail
Brand	MAONO
Model	PS22 Lite
Connectivity Technology	USB
Number of Channels	4
Frequency Response	192 KHz (24-bit/192kHz recording)
Dynamic Range	106dB
Supported Software	ProStudio Routing Software, ASIO drivers
Operating System Compatibility	Windows, macOS
First Available Date	September 23, 2024

WARRANTY AND SUPPORT

MAONO products are designed for reliability and performance. For information regarding warranty coverage, technical support, or service, please visit the official MAONO website or contact MAONO customer support directly.

You can often find support resources, FAQs, and contact information on the brand's official website:

[Visit MAONO Official Website](#)

