

Moukey MAMX1

Moukey Mini Audio Mixer (MAMX1) Instruction Manual

Model: MAMX1 (MK0105)

Brand: Moukey

1. INTRODUCTION

The Moukey Mini Audio Mixer (MAMX1) is a compact, ultra-low noise 4-channel line stereo mixer designed for sub-mixing applications. It is ideal for small clubs, bars, or personal setups involving instruments like guitars, bass, and keyboards. This mixer provides independent volume control for each channel and a single output, ensuring high sound quality and integrity.

2. FEATURES

- **Stereo/Mono Simple Switching:** The mixer supports both stereo and mono operation. For stereo, use 1/4-inch TRS stereo audio cables for input and output and press the toggle key. For mono, mix 4 mono signal inputs into 1 mono signal output using 1/4-inch TS male-to-male connectors. (Note: TRS/TS cables are not included.)
- **DC 5V Power Supply:** Utilizes a DC 5V power supply, offering flexibility for various application scenarios. It can be powered via USB from a computer, power strip, or power bank. (Note: Use an external power supply with CE or UL certification and keep away from interference sources to avoid noise.)
- **Multi-functionality:** Capable of mixing multiple channels into a single track, suitable for keyboards, small stage setups, drum sets, or sub-mixes.
- **Low-noise Operation:** Engineered to produce the highest sound quality at all output levels with ultra-low noise operability, providing excellent audio performance. It is distortion-free and easy to set up for quickly mixing 4 line-level signals.
- **Simple Control:** Collects sound from various sources (guitar, bass, keyboard) into a monitoring position. Each channel has an independent volume control, independent input plugs, and a single output from an amplifier.

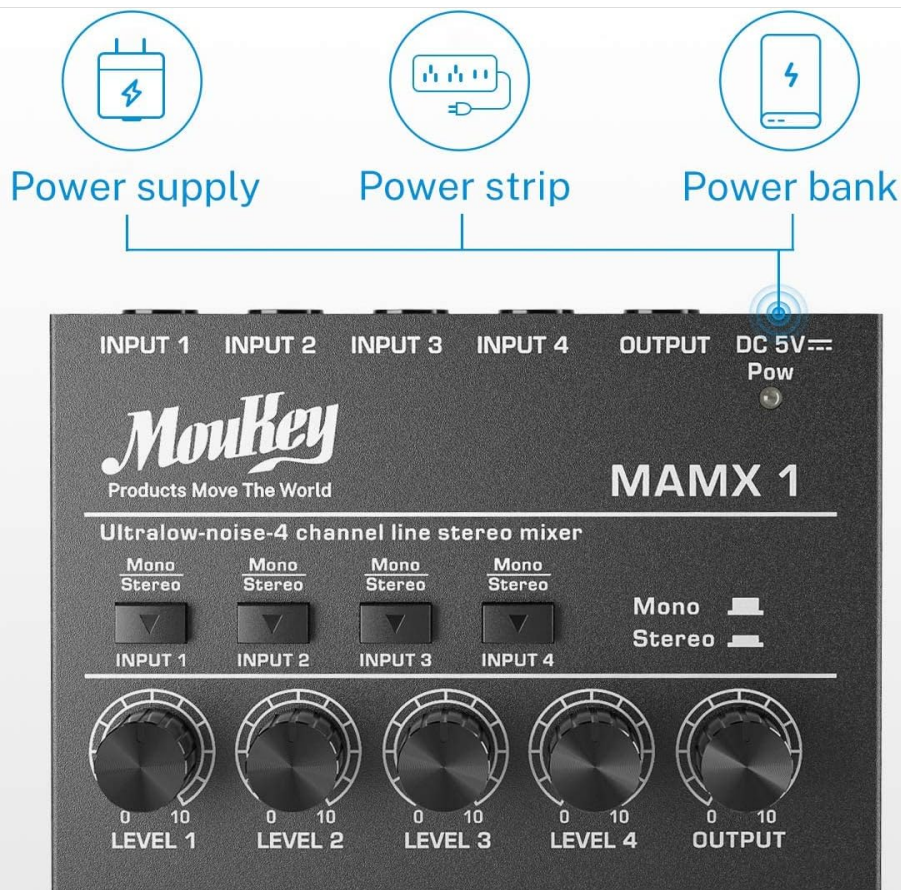
3. SETUP

1. **Unpacking:** Carefully remove the mixer and all accessories from the packaging.
2. **Power Connection:** Connect the provided USB power cable to the DC 5V input on the mixer. Plug the other end into a compatible USB power source (e.g., computer USB port, 5V mobile phone charger, or power bank). The 'Pow' indicator light will illuminate when powered.
3. **Input Connections:** Connect your audio sources (guitars, keyboards, drum machines, etc.) to the INPUT 1, INPUT 2, INPUT 3, and INPUT 4 jacks using 1/4-inch TS (for mono) or TRS (for stereo) audio cables.
4. **Output Connection:** Connect the OUTPUT jack of the mixer to your amplifier, powered speaker, or recording device using a 1/4-inch TS or TRS audio cable.
5. **Grounding (Optional):** If experiencing hum or noise, connect the GND terminal to a suitable ground point in your audio setup.



Figure 3.1: Moukey Mini Audio Mixer MAMX1 with included USB cable.

This image displays the compact Moukey MAMX1 mixer along with its USB power cable, highlighting its small size and simple design.



Diversified Power Supply Modes

Figure 3.2: Diversified Power Supply Modes for MAMX1.

This diagram illustrates the various ways to power the MAMX1 mixer, including a computer, phone power plug (adapter), and power bank, emphasizing its versatility.

4. OPERATING INSTRUCTIONS

- Individual Channel Volume Control:** Each input (INPUT 1-4) has a dedicated 'LEVEL' knob. Rotate these knobs clockwise to increase the volume of the corresponding input, and counter-clockwise to decrease it.
- Master Output Volume Control:** The 'OUTPUT' knob controls the overall volume of the mixed signal. Adjust this knob to set the final output level.
- Stereo/Mono Switching:** For each input channel (INPUT 1-4), there is a 'Mono/Stereo' switch.
 - Push the switch down for Stereo mode (requires TRS cables for both input and output).
 - Push the switch up for Mono mode (requires TS cables for input and output).



Figure 4.1: Control Layout of the MAMX1 Mixer.

This image provides a clear view of the mixer's front panel, detailing the individual input level knobs, the master output knob, and the mono/stereo switch buttons for each channel.

Stereo / Mono Input & Output



Figure 4.2: Stereo/Mono Input & Output Connections.

This visual guide demonstrates the correct cable types (TRS for stereo, TS for mono) for connecting audio sources to the mixer's inputs and outputs, crucial for proper stereo/mono operation.

Official Product Video: Moukey Ultra Low-Noise 4-Channel Line Mixer

Your browser does not support the video tag.

This official video from Moukey provides a comprehensive overview of the Ultra Low-Noise 4-Channel Line Mixer, demonstrating its features and typical usage scenarios.

5. SPECIFICATIONS

Attribute	Value
Brand	Moukey
Model Number	MK0105
Item Weight	10.2 ounces

Product Dimensions	6.18 x 4.37 x 1.97 inches (15.7 x 11.1 x 5 cm)
Number of Channels	4
Power Source	Corded Electric (DC 5V)
Connectivity Technology	USB
Color Name	Black



Figure 5.1: Compact and Lightweight Design with Dimensions.

This image highlights the compact and lightweight nature of the MAMX1 mixer, providing precise dimensions in both inches and centimeters for easy reference.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Avoid using abrasive cleaners, solvents, or waxes, as they may damage the finish.

- **Storage:** When not in use, store the mixer in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Cable Care:** Always handle cables by the connector, not the wire. Avoid bending or crimping cables excessively, as this can damage internal wiring.
- **Ventilation:** Ensure the mixer has adequate ventilation to prevent overheating. Do not block any ventilation openings.

7. TROUBLESHOOTING

No Power:

Ensure the DC 5V power cable is securely connected to both the mixer and a working USB power source. Verify the power source is active.

No Sound Output:

Check all input and output cable connections. Ensure all 'LEVEL' knobs and the 'OUTPUT' knob are turned up sufficiently. Verify that your connected amplifier or speaker is powered on and functioning correctly.

Distortion or Unwanted Noise:

Reduce the input 'LEVEL' knobs and the 'OUTPUT' knob to prevent clipping. Ensure all cables are fully inserted and in good condition. If using a power adapter, ensure it is CE or UL certified and not near other interference sources. Try connecting the GND terminal to a suitable ground point.

Incorrect Stereo/Mono Operation:

Verify that the 'Mono/Stereo' switches for each channel are set correctly according to your cable type (TRS for stereo, TS for mono). Ensure you are using the appropriate cables for your desired mode.

8. WARRANTY & SUPPORT

Moukey products are designed for reliability and performance. For specific warranty details and technical support, please refer to the warranty card included with your product or visit the official Moukey website. Keep your purchase receipt as proof of purchase for any warranty claims.