

Moukey

Moukey MAMX3 8-Channel Line Mixer User Manual

Model: MK0150

INTRODUCTION

The Moukey MAMX3 is an ultra-low noise 8-channel line stereo mixer designed for sub-mixing various audio sources. Its compact and robust design makes it suitable for a wide range of applications, from small clubs and bars to home studio setups involving guitars, bass, keyboards, and drum machines. This manual provides essential information for setting up, operating, and maintaining your mixer to ensure optimal performance.



Figure 1: Moukey MAMX3 8-Channel Line Mixer. This image displays the compact design and the included USB power cable.

KEY FEATURES

- 8-Channel Stereo/Mono Input:** Supports both stereo (1/4-inch TRS) and mono (1/4-inch TS) audio inputs with simple switching capabilities for each channel.
- Ultra-Low Noise Operation:** Engineered to produce the highest sound quality with minimal distortion, ensuring excellent audio performance even at high output levels.
- Independent Volume Control:** Each of the 8 input channels features a dedicated LEVEL knob, allowing for precise level adjustments.
- Versatile Power Supply:** Operates on a DC 5V power supply, offering flexibility for various application scenarios. Can be powered via USB from a computer, power bank, or standard 5V phone plug.
- Compact and Durable Design:** Housed in a heavy-duty metal enclosure, the mixer is built for durability and portability, making it ideal for both studio and on-the-go use.

SETUP GUIDE

Follow these steps to set up your Moukey MAMX3 mixer:

- 1. Power Connection:** Connect the provided USB power cable to the DC 5V input port on the mixer. Plug the other end into a compatible 5V power source such as a computer USB port, a power bank, or a 5V phone charger. Ensure the power source has CE or UL certification and is away from interference sources to prevent noise.



Diversified Power Supply Modes

Figure 2: Diversified Power Supply Modes. The mixer can be powered by a power supply, power strip, or power bank.

- 2. Audio Input Connection:** Connect your audio sources (guitars, bass, keyboards, drum machines, etc.) to the INPUT 1-8 jacks using 1/4-inch cables.
 - For **stereo** signals, use 1/4-inch TRS (Tip-Ring-Sleeve) stereo audio cables.
 - For **mono** signals, use 1/4-inch TS (Tip-Sleeve) male-to-male connectors.

Stereo / Mono Input & Output



Figure 3: Stereo/Mono Input & Output. Illustrates connecting TS and TRS cables to the mixer's input and output jacks.

3. **Audio Output Connection:** Connect the OUTPUT A and/or OUTPUT B jacks to your amplifier, recording device, or headphones using appropriate 1/4-inch cables.

OPERATING INSTRUCTIONS

The Moukey MAMX3 offers straightforward controls for mixing your audio signals:

- **Individual Level Controls:** Each input channel (INPUT 1-8) has a dedicated LEVEL knob. Rotate these knobs clockwise to increase the volume of the corresponding input, and counter-clockwise to decrease it.



Mono switch button



Stereo switch button



Volume control

Master volume control

Volume control



Figure 4: Control Panel Overview. Details the mono/stereo switches and individual level controls for each input.

- **Mono/Stereo Switching:** Above each input's LEVEL knob, there is a "Mono/Stereo" switch.
 - Press the switch down to select **Stereo** mode for that input. This is ideal for stereo instruments or devices.
 - Leave the switch up (or press again to release) for **Mono** mode. This mixes the signal into a single mono output.
- **Output Level Controls:** The mixer features two main output level controls:
 - **1-8 Channel Output MIX L-R:** This knob controls the overall output level of inputs 1-8.
 - **OUTPUT A / OUTPUT B:** These knobs control the output levels for the respective output jacks.

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Video 1: Moukey Ultra Low-Noise 8-Channel Line Mixer. This video provides a visual demonstration of the mixer's features and operation.

MAINTENANCE

To ensure the longevity and optimal performance of your Moukey MAMX3 mixer, follow these maintenance guidelines:

- **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 for extended periods, store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- Handling:** The mixer features a durable metal enclosure, but avoid dropping or subjecting it to strong impacts, which could damage internal components.
- Cable Management:** Ensure all cables are properly connected and not under strain. Avoid bending cables sharply, especially near the connectors.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output.	Incorrect cable connection. Low volume levels. Improper power supply. Incorrect Mono/Stereo setting.	Ensure all input and output cables are securely connected. Increase individual channel LEVEL knobs and main OUTPUT knobs. Verify the DC 5V power supply is correctly connected and functioning. Check if the Mono/Stereo switch for the input is set correctly for your cable type (TRS for stereo, TS for mono).
Humming or buzzing noise.	Ground loop issue. Interference from power source. Faulty cables.	Ensure proper grounding. Use the GND terminal if available on your setup. Use a CE or UL certified power supply and keep it away from other electronic devices that may cause interference. Try different cables to rule out faulty connections.
Distorted audio.	Input signal too high. Output signal too high.	Reduce the LEVEL knob for the specific input channel. Reduce the main OUTPUT knob.

SPECIFICATIONS

- Model:** MK0150
- Channels:** 8 (Stereo/Mono switchable)
- Input/Output Jacks:** 1/4-inch TS/TRS
- Power Supply:** DC 5V (USB powered)
- Dimensions (L x W x H):** 6.89 x 5.91 x 2.95 inches (17.5 x 15 x 7.5 cm)
- Weight:** 1.28 pounds (0.58 kg)
- Enclosure:** Metal

Compact & Lightweight

4.1x2.95x0.95 in / 10.4x7.5x2.4 cm



Figure 5: Compact & Lightweight Design. Visual representation of the mixer's dimensions.

WARRANTY INFORMATION

Moukey products are designed and manufactured to the highest quality standards. This product is covered by a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, or visit the official Moukey website for detailed warranty information.

SUPPORT & CONTACT

For technical support, troubleshooting assistance, or any inquiries regarding your Moukey MAMX3 mixer, please contact Moukey Customer Service:

- **Website:** www.moukey.com (Please note: This is a placeholder URL, refer to actual product documentation for official website)
- **Email:** support@moukey.com (Please note: This is a placeholder email, refer to actual product documentation for official contact)

When contacting support, please have your product model (MK0150) and purchase information ready.

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