

JOYO Manufacturer-JOYO-MOPRO-0011

JOYO MOMIX PRO USB Audio Interface Mixer

Model: Manufacturer-JOYO-MOPRO-0011

Brand: JOYO

[User Manual](#)

1. INTRODUCTION

The JOYO MOMIX PRO is a compact and versatile mini audio mixer designed for live streaming, recording, and podcasting. It features multiple input options, phantom power, and direct monitoring capabilities, making it suitable for various musical instruments and microphones. Its portable design and built-in rechargeable battery allow for both indoor and outdoor use.



Figure 1: Front view of the JOYO MOMIX PRO Audio Mixer.

2. PACKAGE CONTENTS

- USB Cable

- Type-C Male to Male Cable
- Smartphone Port Converter
- Type-C to 3.5mm Audio Cable

3. PRODUCT OVERVIEW

3.1 Controls and Indicators

Power Switch & 48V Phantom Power: Long press the power switch to turn the unit on or off. Tap the 48V switch to enable/disable phantom power for condenser microphones. The LED above the switch indicates its status.

OTG 1 (Master) & OTG 2 (Slave) Ports: Used for connecting to smartphones or computers for recording and live streaming. OTG 1 is the primary connection.

Charge Port: Used for charging the built-in battery. A red LED indicates low battery, which extinguishes when fully charged.

CH1 & CH2 Input Jacks: These 2-in-1 XLR and 6.35mm jacks are for connecting microphones, guitars, pedals, keyboards, and electronic drums.

Reverb Knobs & Selection Switches: Two knobs control the reverb effect for CH1 and CH2. The selection switches (green, yellow, red) indicate small, middle, and large reverb effects respectively. When the LED is off, reverb is turned off.

Gain Control Knobs (CH1, CH2, INST): These knobs control the input gain for each channel. Green indicates normal signal, while red indicates the input signal is too large, requiring gain reduction.

Main Out Jack: 6.35mm stereo output for connecting to amplifiers or other audio devices.

Instrument Jack: 6.35mm stereo input for connecting multi-effects processors, keyboards, electronic drum sets, etc.

Monitor Mode Selection Button: Tap this button to enable direct monitoring (green LED). When using guitar tone apps, turn off this mode to avoid background noise.

Monitor 1 & Monitor 2: Headphone output jacks. Monitor 1 knob controls the headphone output volume.

AUX IN Jack: 3.5mm input for connecting smartphones or other portable devices for playing backing tracks.

Center Cancel Switch: Reduces the volume of the main vocal in playback music, making your vocal prominent.

Smartphone Headset Jack: The earphone mic is controlled by the CH2 channel.

3.2 Visual Guide to Controls and Connections

-MOMIX PRO- AUDIO AND STREAM MIXER

2 OTG Interface

- Support two cell phones,streaming and recording simultaneously.
- Can be connected to effector APP.
- Support 48V phantom power,can use a condenser microphone.



Figure 2: MOMIX PRO supporting two cell phones for simultaneous streaming and recording.

DUAL CHANNEL REVERB VOCALS & GUITAR

High Gain | Independent Control | Outstanding Sound



Figure 3: Dual channel reverb for vocals and guitar with independent control.



STEREO INSTRUMENT INTERFACE

Support integrated effect pedals, keyboards, electric drums, etc.

MAIN VOLUME CONTROL

6.35mm stereo output interface for connecting amplifiers.



Figure 4: Stereo instrument interface and main volume control for connecting amplifiers.



TEMPORARY POWER

Built-in lithium battery to charge smart phones, longer battery life.



QUICKLY GET ACCOMPANIMENT

Turn on center cancel function to reduce the original vocal volume of playback music.

Figure 5: Built-in rechargeable battery for temporary power and the Center Cancel switch.



EFFECTIVE MONITORING CONTROL

Adjust monitoring sound volume to control audio effects instantly.

Figure 6: Monitor knob for effective monitoring control.

4. SETUP AND OPERATION

4.1 Powering On/Off and Charging

To power on or turn off the MOMIX PRO, long press the **POWER** switch. The unit is powered by a built-in rechargeable lithium battery. When the red LED above the POWER switch is on during use, it indicates the audio mixer is in a low-battery condition. The red LED will extinguish once it has been fully charged. You can charge the unit via the **CHARGE** port.

4.2 Connecting Devices

The MOMIX PRO features two OTG ports: **OTG 1 (Master)** and **OTG 2 (Slave)**. These are used for connecting to a smartphone or computer for recording and live streaming. You can also charge your smartphone via the OTG ports while connected.

For audio input, use the **CH1** and **CH2** input jacks. These are 2-in-1 XLR and 6.35mm jacks, allowing connection of microphones, guitars, and other instruments. For condenser microphones, tap the **48V** phantom power switch on the panel to supply power. *Do not turn on 48V phantom power when using a moving coil microphone to avoid damage.* For high impedance instruments like electric guitars or bass, press the corresponding **GUITAR** mode switch (located under the 48V switch) to turn on the high impedance input mode. The **Instrument Jack** (6.35mm stereo input) is used for connecting multi-effects processors, electronic drum sets, keyboards, and similar devices.

4.3 Adjusting Audio Levels and Effects

The **CH1**, **CH2**, and **INST** knobs control the gain for each respective input. In normal operation, the LEDs around these knobs are green. If the LEDs turn red, it indicates the input signal is too large, and you should reduce the gain accordingly to prevent clipping.

The two **REVERB** knobs allow you to adjust the reverb effect for CH1 and CH2. The color of the LED next to the reverb knob indicates the effect size: green for small, yellow for middle, and red for large. If the LED is off, the reverb is turned off.

4.4 Monitoring and Loopback

Tap the **MONITOR** mode selection button (located below the JOYO MOMIX PRO logo) to enable direct monitoring. When the green LED is on, you can directly monitor your audio. The **Monitor 1** knob controls the volume of the headphone output.

When using Guitar Tone apps, it is recommended to turn off the direct monitor mode to avoid background noise caused by loopback. The **AUX IN Jack** allows you to connect a smartphone or other portable device to play backing tracks. The **Center Cancel Switch** can be turned on to reduce the volume of the main vocal in playback music, making your vocal more prominent.

Video 1: Introduction to using MOMIX PRO. This video provides a detailed walkthrough of the mixer's features and basic operation, including power, charging, input connections, phantom power, gain control, reverb, and monitoring.

Video 2: JOYO MOMIX PRO Audio Mixer Overview. This video highlights the key features and capabilities of the MOMIX PRO, demonstrating its versatility for various audio applications.



Figure 7: Connection diagram for the MOMIX PRO, illustrating various input and output possibilities.

5. SPECIFICATIONS

Feature	Specification
Item Weight	7.2 ounces (203 Grams)
Product Dimensions	5.51 x 3.31 x 1.77 inches
Body Material	ABS Plastic
Number of Channels	2
Connectivity Technology	USB
Compatible Devices	Guitar, Microphone, Keyboard, Headphone, Smartphone
Connector Type	1/4-Inch Stereo, XLR to 1/4-Inch, 1/4-Inch Straight, XLR to XLR
Hardware Interface	USB
Signal Format	Analog
Battery Type	1 Lithium Polymer battery (included)
Operating System	iOS, Android
Power Source	Battery Powered
Voltage	48 Volts (Phantom Power)

6. TROUBLESHOOTING

- **No Power:** Ensure the battery is charged. If the red LED is on, charge the unit. Long press the power switch to ensure it's turned on.
- **Distorted Sound / Red LED on Gain Knobs:** If the LEDs around the CH1, CH2, or INST knobs turn red, the input signal is too strong. Reduce the gain using the respective knob until the LED remains green.
- **Background Noise when using Guitar Tone Apps:** If you experience unwanted background noise, ensure the direct monitor mode is turned off.
- **Microphone Not Working (Condenser Mic):** Verify that the 48V phantom power is enabled by tapping the 48V switch.
- **Microphone Not Working (Dynamic Mic):** Ensure the 48V phantom power is **disabled** for dynamic microphones to prevent damage.
- **Connectivity Issues with Smartphone:** Some users have reported needing to connect and disconnect the device multiple times for it to be recognized by certain Android phones. Ensure your phone supports OTG functionality.
- **Loopback Issue (Recording System Sounds):** If system sounds (like a metronome from a DAW) are being

recorded, ensure the direct monitor mode is turned off.

7. MAINTENANCE

To ensure the longevity and optimal performance of your JOYO MOMIX PRO, follow these maintenance guidelines:

- Keep the device clean by wiping it with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Store the mixer in a cool, dry place away from direct sunlight, extreme temperatures, and humidity.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or repair the unit yourself. Refer to qualified service personnel for any repairs.

8. WARRANTY AND SUPPORT

JOYO is deeply committed to the field of musical instruments and strives to provide excellent customer service. If you encounter any problems with the use of this product, JOYO offers prompt service within 24 hours.

For detailed warranty information and support, please visit the official JOYO website or contact their customer service directly. Protection plans may also be available for extended coverage.

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Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question