

MUSYSIC MU-M4U

MUSYSIC MU-M4U 4-Channel Digital Mixer User Manual

Model: MU-M4U

INTRODUCTION

The MUSYSIC MU-M4U is a versatile 4-channel mixer and USB audio interface designed for various audio applications. This high-resolution unit provides a simple yet high-quality platform suitable for studio recording, music streaming, webcasting, podcasting, gaming, mobile music production, and educational uses. This manual provides essential information for the proper setup, operation, and maintenance of your MU-M4U mixer.

SAFETY INFORMATION

- **Power Source:** Use only the specified power adapter or USB cable for power. Ensure the voltage matches the device requirements.
- **Water and Moisture:** Do not expose the unit to rain, moisture, or liquids. Avoid placing objects filled with liquids on the unit.
- **Ventilation:** Ensure adequate ventilation around the unit. Do not block ventilation openings.
- **Heat:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- **Servicing:** Do not attempt to service this unit yourself. Refer all servicing to qualified service personnel.
- **Cleaning:** Clean only with a dry cloth. Do not use liquid cleaners or aerosol cleaners.

PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all items are present:

- MUSYSIC MU-M4U 4-Channel Digital Mixer
- USB Cable (for power and data connection)
- User Manual (this document)

PRODUCT OVERVIEW

The MUSYSIC MU-M4U mixer features a compact design with intuitive controls for various audio tasks. Below are descriptions of the main components and their functions.



Figure 1: Front-top view of the MUSYSIC MU-M4U mixer, showing the control knobs and input/output jacks.

Front Panel Controls and Inputs

- **Channel 1 (CH1) Input:** Combination XLR/TRS jack for microphone or line-level input. Features phantom power for condenser microphones.
- **Channel 2 (CH2) Input:** TRS jack for line-level or instrument input.
- **Channels 3/4 (CH3-CH4) Stereo Input:** Two TRS jacks for stereo line-level input.

- **Gain Controls:** Individual rotary knobs for adjusting the input level of each channel.
- **EQ Controls:** High, Mid, and Low frequency adjustment knobs for tone shaping on input channels.
- **Effect Send:** Knob to control the amount of effect applied to each channel.
- **Pan/Balance:** Knob to position the channel's signal in the stereo field.
- **Level Faders/Knobs:** Controls for the output level of each channel.
- **Main Mix Output:** Stereo TRS jacks for connecting to speakers or recording devices.
- **Headphone Output:** TRS jack for monitoring the main mix.
- **USB Playback/Recording:** Dedicated controls for USB audio interface functions.



Figure 2: Rear view of the MUSYSIC MU-M4U mixer, highlighting the USB port for computer connection and the external DC power input.

Rear Panel Connections

- **USB to Computer Port:** Type-B USB port for connecting the mixer to a computer for audio interface functionality (recording and playback).
- **EXT. DC IN (5V 500mA):** Power input for external DC power supply, if not powered via USB.
- **Serial Number:** Location for the unit's unique serial number.

SETUP

Follow these steps to set up your MUSYSIC MU-M4U mixer:

1. **Power Connection:** Connect the provided USB cable to the "USB TO COMPUTER" port on the mixer and to a USB port on your computer. The mixer can be powered via USB. Alternatively, if an external 5V DC power adapter is used (not included), connect it to the "EXT. DC IN" port.



Figure 3: The USB cable used for connecting the mixer to a computer for both power and data transfer.

2. **Computer Connection:** Once connected via USB, your computer should recognize the MU-M4U as an audio interface. No special drivers are typically required for basic functionality on most operating systems.
3. **Input Devices:**
 - For microphones, connect them to the CH1 XLR/TRS input. If using a condenser microphone, activate phantom power (if available on the mixer and required by the microphone).
 - For line-level instruments (e.g., keyboards, drum machines), connect to CH2 (TRS) or CH3-CH4 (stereo TRS).
4. **Output Devices:** Connect your studio monitors or powered speakers to the Main Mix L/R outputs using TRS cables. Connect headphones to the PHONES output for monitoring.
5. **Initial Settings:** Before powering on, ensure all gain and level knobs are set to their minimum positions to prevent sudden loud sounds.

OPERATING INSTRUCTIONS

This section details the basic operation of the MUSYSIC MU-M4U mixer for various audio tasks.

Basic Mixing

1. **Power On:** Ensure all connections are secure, then power on the mixer.
2. **Adjust Input Gain:** For each active input channel, slowly increase the Gain knob until the signal indicator lights (if present) show a healthy signal without clipping (red light).
3. **Set Channel Levels:** Adjust the individual channel level knobs to balance the volume of each input source in the mix.
4. **Apply EQ:** Use the High, Mid, and Low EQ knobs to shape the tone of each channel as desired.
5. **Pan/Balance:** Adjust the Pan knob to position mono signals in the stereo field or balance stereo signals.
6. **Main Mix Level:** Slowly raise the Main Mix level knob to achieve the desired overall output volume.
7. **Monitor with Headphones:** Use the Headphone Level knob to adjust your monitoring volume without affecting the main output.

USB Audio Interface Functionality

The MU-M4U functions as a 2-in/2-out USB audio interface, allowing you to record audio to your computer and play back audio from your computer through the mixer.

- **Recording:**

- a. Connect the mixer to your computer via USB.
- b. Open your Digital Audio Workstation (DAW) or recording software.
- c. Select the MU-M4U as your audio input device in your software's preferences.
- d. The main stereo mix from the mixer will be sent to your computer for recording.

• **Playback:**

- a. Select the MU-M4U as your audio output device in your computer's sound settings or DAW.
- b. Audio played from your computer will be routed through the mixer's USB Playback channel (typically CH3-CH4 or a dedicated USB channel) and can be mixed with other inputs.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your mixer.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Avoid abrasive cleaners, solvents, or waxes. Do not spray cleaners directly onto the unit.
- **Dust Protection:** When not in use, cover the mixer with a dust cover to prevent dust and debris from entering the controls and ports.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Handle cables carefully. Avoid sharp bends or kinks, and always grasp the connector, not the cable, when unplugging.

TROUBLESHOOTING

If you encounter issues with your MU-M4U mixer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output	◦ Power not connected or unit off. ◦ Main Mix level too low. ◦ Channel level too low. ◦ Output cables disconnected or faulty. ◦ Speakers not powered or faulty. ◦ Incorrect audio output selected on computer.	◦ Ensure power is connected and unit is on. ◦ Increase Main Mix level. ◦ Increase individual channel levels. ◦ Check all output cable connections and test cables. ◦ Verify speakers are powered and functioning. ◦ Select MU-M4U as output device in computer settings.
Distorted sound	◦ Input gain too high (clipping). ◦ Channel level too high. ◦ Main Mix level too high. ◦ Faulty cables or connections.	◦ Reduce input Gain until signal indicator is green/yellow, not red. ◦ Lower individual channel levels. ◦ Lower Main Mix level. ◦ Check and replace any suspect cables.

Problem	Possible Cause	Solution
Computer not recognizing mixer	◦ USB cable disconnected or faulty. ◦ USB port issue on computer. ◦ Mixer not powered on.	◦ Ensure USB cable is securely connected; try a different USB port or cable. ◦ Restart computer. ◦ Verify mixer is powered on.

SPECIFICATIONS

Feature	Detail
Model Number	MU-M4U
Brand	MUSYSIC
Number of Channels	4
Connectivity Technology	USB
Power Source	USB Cable, Corded Electric (5V 500mA)
Product Dimensions	10 x 3 x 10 inches
Item Weight	3 pounds
Date First Available	October 16, 2016

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official MUSYSIC website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Contact Information: Please visit [the MUSYSIC Store on Amazon](#) or their official website for the most up-to-date support contact details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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

Open the live page

<https://manuals.plus/asin/B01MF80VLF>

More documents and user manuals: <https://manuals.plus/>