

MUSYSIC MU-MX8fxD

MUSYSIC MU-MX8fxD 8-Channel Powered Audio Mixer Instruction Manual

Model: MU-MX8fxD

1. INTRODUCTION

Thank you for choosing the MUSYSIC MU-MX8fxD 8-Channel Powered Audio Mixer. This professional audio mixer is designed for a variety of sound reinforcement applications, offering an integrated 4500W amplifier, 7-band graphic equalizer, 16 DSP effects, and versatile connectivity options including USB, SD, Bluetooth, and FM radio. Please read this manual thoroughly before operating the unit to ensure proper usage and to maximize its performance and longevity.

2. SAFETY INSTRUCTIONS

- **Power Supply:** Ensure the mixer is connected to a power source matching the specified voltage (110V/220V switchable). Use only the provided power cable.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Moisture:** Keep the unit away from water, rain, and excessive humidity. Do not operate with wet hands.
- **Heat Sources:** Avoid placing the mixer near heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- **Cleaning:** Disconnect power before cleaning. Use a dry, soft cloth. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the unit on a stable, flat surface to prevent accidental falls.
- **Phantom Power:** When using condenser microphones, ensure phantom power (+48V) is activated only when necessary and after connecting the microphone.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- MUSYSIC MU-MX8fxD 8-Channel Powered Audio Mixer
- Power Cable
- Instruction Manual (this document)

4. PRODUCT FEATURES

The MUSYSIC MU-MX8fxD mixer offers a comprehensive set of features for professional audio mixing:

- 8-channel power audio mixer with gold-plated XLRs and balanced line inputs.
- Robust 4500 Watts PMPO (Peak Music Power Output) built-in amplifier.
- Ultra-low noise discrete Mic preamps.
- +48V phantom power for condenser microphones.
- 16 DSP (Digital Signal Processor) effects for enhanced audio.
- 1 Aux send per channel for external effects.
- 7-Band Graphic Equalizer for precise tone control.
- Integrated USB/SD/Bluetooth/FM player for direct media playback.
- Mono inputs for microphones and 2 stereo inputs for devices like CD players.
- Headphone output jack for monitoring.
- 110V/220V switchable power supply.

Your browser does not support the video tag.

Video Description: An official product video showcasing the MUSYSIC MU-MX8fxD mixer's features and connectivity options. It highlights the built-in amplifier, various inputs, and media playback capabilities.

5. CONTROLS AND FUNCTIONS

This section details the various controls and connection points on your MU-MX8fxD mixer. Refer to the images below for visual guidance.



Image Description: A clear front view of the MUSYSIC MU-MX8fxD 8-Channel Powered Audio Mixer, showing all input channels, control knobs, the digital display, graphic equalizer, and master output section.



Image Description: This image provides a detailed breakdown of both the front and back panels of the MUSYSIC MU-MX8fxD mixer, with key components such as Line/Mic Inputs, Channel Audio Controls, SD/USB Controls, 7 Band Equalizer, DSP Digital FX Selection, Output Volume Controls, Mix Output, Tape In, Record Out, Voltage Switch, Power Switch, FM Antenna, Left Side Speaker Output, and Right Side Speaker Output clearly labeled.

5.1. Front Panel Controls

- **Line/Mic Inputs (Channels 1-8):** XLR and 1/4" TRS combo jacks for connecting microphones or line-level instruments.
- **Gain Control:** Adjusts the input sensitivity for each channel.
- **EQ Controls (High, Mid, Low):** Three-band equalizer for shaping the tone of each channel.
- **FX Send:** Controls the amount of signal sent from each channel to the internal DSP effects processor.
- **Pan Control:** Adjusts the stereo position of the channel signal.
- **Level Fader:** Controls the output volume of each individual channel.
- **+48V Phantom Power Switch:** Activates phantom power for condenser microphones on XLR inputs.

- **Digital Media Player Section:** Includes USB, SD card slot, Bluetooth, and FM radio controls with a digital display.
- **DSP Effects Section:** Knob to select from 16 digital effects and a parameter control for adjustment.
- **7-Band Graphic Equalizer:** Allows for precise frequency adjustments on the main mix output.
- **Main Mix Output Controls:** Left and Right volume controls for the main stereo output.
- **Headphone Output:** 1/4" jack for monitoring the main mix.
- **Tape In/Rec Out:** RCA jacks for connecting external recording devices or playback sources.
- **Send/Return:** 1/4" jacks for connecting external effects processors.

5.2. Rear Panel Connections

- **Power Switch:** Turns the unit on or off.
- **Voltage Switch (110V/220V):** Selects the appropriate operating voltage. **Ensure this is set correctly for your region before powering on.**
- **Speaker Outputs (Left/Right):** Connect passive speakers to these outputs.
- **FM Antenna:** Connection point for the FM radio antenna.

6. SETUP

1. **Power Connection:** Before connecting the power cable, verify that the **Voltage Switch** on the rear panel is set to the correct voltage for your region (110V or 220V). Connect the power cable to the mixer and then to a suitable power outlet.
2. **Speaker Connection:** Connect your passive speakers to the Left and Right Speaker Outputs on the rear panel. Ensure proper polarity.
3. **Input Devices:**
 - **Microphones:** Connect microphones to the XLR or 1/4" inputs on channels 1-8. If using condenser microphones, ensure +48V phantom power is off before connecting, then activate it.
 - **Line-Level Devices:** Connect instruments (e.g., keyboards) or other audio sources to the 1/4" line inputs.
 - **Stereo Devices:** Use the dedicated stereo inputs for devices like CD players or external media players.
4. **Initial Volume Settings:** Before powering on, ensure all channel level faders and the main mix output controls are set to their minimum positions.
5. **Power On:** Flip the Power Switch on the rear panel to the ON position.

7. OPERATING INSTRUCTIONS

7.1. Basic Audio Mixing

1. **Adjust Gain:** For each active input channel, slowly increase the Gain control until the PEAK LED occasionally flashes during the loudest parts of the signal. Then, slightly reduce the gain until the LED no longer flashes.
2. **Set Channel Level:** Gradually raise the channel's Level fader to the desired volume.
3. **Adjust Main Mix:** Slowly increase the Main Mix Left and Right volume controls to achieve the overall desired output level. Monitor the main output level meters to avoid clipping.
4. **Equalization:** Use the High, Mid, and Low EQ controls on each channel to fine-tune the tone. The 7-Band Graphic Equalizer can be used for overall room correction or master mix shaping.
5. **Pan:** Adjust the Pan control to position the sound source within the stereo field.

7.2. Media Playback (USB/SD/Bluetooth/FM)



Image Description: A close-up of the mixer's central section, highlighting the USB port, SD card slot, and the controls for Bluetooth and FM radio, along with the Aux Send per channel.

- **USB/SD:** Insert a USB drive or SD card into the respective slot. The mixer will automatically detect and begin playing compatible audio files. Use the media player controls (Play/Pause, Skip, Mode) to navigate.
- **Bluetooth:** Press the MODE button on the media player until "Bluetooth" is displayed. On your mobile device, search for "MUSYSIC" or a similar device name and pair. Once connected, you can stream audio wirelessly.
- **FM Radio:** Press the MODE button until "FM" is displayed. Use the media player controls to scan for and select radio stations. Ensure the FM antenna is connected for optimal reception.

7.3. DSP Effects

The MU-MX8fxD features 16 built-in digital signal processing effects.

1. **Select Effect:** Turn the PROGRAM knob in the DSP Effects section to cycle through the available effects (e.g., Reverb, Delay, Chorus). The selected effect number will be shown on the display.

2. **Adjust Effect Parameter:** Use the PARAMETER knob to adjust a specific characteristic of the selected effect (e.g., decay time for reverb, delay time for echo).
3. **Apply to Channel:** Use the FX SEND control on each individual channel to send a portion of that channel's signal to the DSP effects processor.

8. MAINTENANCE

- **Cleaning:** Regularly wipe the mixer's surface with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- **Ventilation:** Keep the ventilation grilles clear of dust and debris to ensure proper cooling.
- **Storage:** When not in use for extended periods, store the mixer in a cool, dry place, protected from dust and extreme temperatures.
- **Cable Management:** Ensure all cables are neatly organized and not under strain to prevent damage to connectors.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable disconnected; Voltage switch incorrect; Power outlet faulty.	Check power cable connection; Verify voltage switch setting (110V/220V); Test power outlet with another device.
No sound output	Main mix volume low; Channel fader low; Speaker cables disconnected; Amplifier protection mode.	Increase Main Mix and channel faders; Check speaker connections; Power cycle the unit to reset amplifier.
Distorted sound	Input gain too high; Main mix output clipping; Faulty cable/speaker.	Reduce channel Gain; Lower Main Mix output; Check and replace cables/speakers if necessary.
Microphone not working	Gain too low; Phantom power off (for condenser mics); Faulty mic/cable.	Increase channel Gain; Activate +48V phantom power; Test with a different microphone or cable.
Bluetooth not connecting	Mixer not in Bluetooth mode; Device too far; Interference.	Ensure mixer is in Bluetooth mode; Move device closer; Reduce other wireless interference.

10. SPECIFICATIONS

Feature	Detail
Brand	MUSYSIC
Model Number	MU-MX8fxD
Number of Channels	8
Power Output	4500W PMPO (Peak Music Power Output)
Connectivity Technology	Bluetooth, USB, SD, FM
Power Source	Corded Electric (110V/220V Switchable)

Feature	Detail
Output Connector Type	XLR (Mix Output), Speaker Outputs
Audio Input	Microphone (XLR/1/4"), Line (1/4"), Stereo (RCA)
Equalizer	7-Band Graphic Equalizer
DSP Effects	16 Digital Effects
Phantom Power	+48V

11. WARRANTY AND SUPPORT

The MUSYSIC MU-MX8fxD mixer comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or improper installation.

For technical assistance, troubleshooting, or warranty claims, please contact MUSYSIC customer support. Our experienced customer support team is available to assist you with any issues you may encounter.

Please refer to your purchase documentation or the official MUSYSIC website for the most current contact information.

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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

