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Yamnweo MD-10

Yamnweo MD-10 10-Channel Professional Stage Mixer User Manual

1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your Yamnweo MD-10 10-Channel Professional Stage Mixer. Designed for live performances, studio recording, and stage applications, this mixer offers advanced features including 99 DSP effects, USB playback, wireless connectivity, and independent channel equalization. Please read this manual thoroughly before using the product to ensure optimal performance and safety.

2. Safety Instructions

- **Power Supply:** Ensure the mixer is connected to a stable 110V AC power source. Use only the provided power cable.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Moisture:** Keep the mixer away from water, rain, and excessive humidity. Do not operate with wet hands.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Avoid liquid cleaners.
- **Servicing:** Do not attempt to service the unit yourself. Refer all servicing to qualified personnel.
- **Placement:** Place the mixer on a stable, flat surface. Avoid placing heavy objects on top of the unit.

3. Product Features

The Yamnweo MD-10 mixer is equipped with a range of features to enhance your audio experience:

- **10-Channel Independent Control:** Each input channel features separate 3-band tone control (High/Mid/Low) for precise audio adjustment.
- **99 Professional DSP Effects:** Built-in high-quality sound effects including Hall, Plate, Room, Delay, Chorus, Pitch Shifter, and Distortion.
- **Large LED Display:** Clearly displays effect parameters and other operational information for intuitive control.
- **Wireless Playback:** Supports Bluetooth wireless connection for stable audio transmission.
- **USB Lossless Audio Input:** Direct playback of lossless music from a USB drive (plug and play).

- **Intelligent Noise Reduction:** High-fidelity audio processing chip combined with noise reduction technology to minimize floor noise and hum.
- **48V Phantom Power:** Supports 48V phantom power for condenser microphones, with independent switches per channel.
- **9-Band Equalizer:** Integrated 9-band graphic equalizer for overall sound shaping.
- **Real-time Monitoring:** Allows for live audio monitoring during performances or recording.
- **Extended Fader Slides:** Provides smooth and precise control over channel levels.



Figure 3.1: Overview of key features including 99 reverb presets, wireless and USB playback, and intelligent processing.



Figure 3.2: Detailed view of the equalization, monitoring, phantom power, and fader controls.



Figure 3.3: The 99 DSP reverberation effects available on the MD-10 mixer.



Figure 3.4: Wireless music playback via Bluetooth connection.



Figure 3.5: Intelligent noise reduction technology for clear sound quality.



Figure 3.6: Independent 3-band tone control for each channel.

4. Panel Layout

Familiarize yourself with the various controls and connectors on your MD-10 mixer:



Figure 4.1: Front and Rear Panel Layout of the MD-10 Mixer.

4.1 Top Panel Controls

- **Channel Gain Knob:** Adjusts the input sensitivity for each channel.
- **High/Mid/Low Adjustment (EQ):** 3-band equalizer for shaping the tone of each channel.
- **AUX1/AUX2 Knobs:** Controls the send level to auxiliary outputs.
- **FX1/FX2 Adjustment:** Controls the send level to the internal effects processor.
- **Pan Knob:** Adjusts the stereo position of the channel signal.
- **MUTE Button:** Mutes the individual channel.
- **PFL Button:** Pre-Fader Listen for monitoring individual channels.
- **Channel Faders:** Adjusts the volume level of each channel.
- **USB Port:** For USB drive playback and recording.
- **LED Large Screen:** Displays DSP effects, USB playback status, and other system information.
- **Function Keys:** Navigation and selection for DSP effects and USB functions.

- **7-Segment Graphic Equalizer:** Master EQ for overall output.
- **Monitor Volume:** Adjusts the headphone and monitor output level.
- **MP3 Effect Adjustment:** Controls parameters for MP3 playback.
- **Master Volume:** Controls the overall output level.

4.2 Rear Panel Connections

- **MIC/LINE Inputs (XLR/6.5mm Combo):** Connect microphones or line-level instruments.
- **48V Phantom Power Switches:** Individual switches for phantom power on XLR inputs.
- **Main Out (XLR/RCA):** Balanced XLR and unbalanced RCA outputs for connecting to main speakers or amplifiers.
- **AUX Outputs:** Auxiliary outputs for sending signals to external effects or monitors.
- **Return/Tape Inputs:** Stereo RCA inputs for external audio sources.
- **Power Input:** AC power connection.

5. Setup

5.1 Power Connection

1. Ensure the mixer's power switch is in the OFF position.
2. Connect the provided AC power cable to the power input on the rear panel of the mixer.
3. Plug the other end of the power cable into a standard 110V AC electrical outlet.
4. Turn the power switch to the ON position. The LED display will illuminate.

5.2 Audio Input/Output Connections

The MD-10 mixer supports various audio connections. Refer to the video below for a visual guide on connecting microphones and other devices.

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Video 5.1: Demonstrates USB playback, MP3 selector knob usage, cycling through 99 DSP effects, adjusting the 7-band graphic equalizer, activating zoned independent 48V phantom power, connecting XLR/6.5mm combo cables, connecting headphones, and establishing a wireless Bluetooth connection. This video provides a comprehensive overview of key features and connections.

- **Microphones/Instruments:** Connect microphones or line-level instruments to the **MIC/LINE** combo jacks (XLR or 6.5mm) on the top panel.
- **Main Outputs:** Connect your main speakers or power amplifier to the **MAIN OUT** XLR or RCA jacks on the rear panel.
- **Auxiliary Devices:** Use the **AUX** outputs to send signals to external effects processors, stage monitors, or recording devices.
- **External Audio Sources:** Connect CD players, media players, or other external audio sources to the **RETURN/TAPE** RCA inputs.

5.3 Headphone Connection

Connect your headphones to the dedicated **PHONES** jack on the top panel for monitoring the mix.

6. Operating Instructions

6.1 Channel Control

- **Gain Adjustment:** Use the **GAIN** knob for each channel to set the input level. Adjust until the CLIP indicator flashes only occasionally.
- **Equalization (EQ):** Use the **HIGH**, **MID**, and **LOW** knobs to adjust the treble, midrange, and bass frequencies for each channel.
- **AUX Sends:** Turn the **AUX1** and **AUX2** knobs to send a portion of the channel signal to the auxiliary outputs.
- **FX Sends:** Use the **FX1** and **FX2** knobs to send a portion of the channel signal to the internal DSP effects processor.
- **Pan:** Adjust the **PAN** knob to position the channel's sound within the stereo field (left to right).
- **Mute:** Press the **MUTE** button to silence a channel. The button will illuminate when active.
- **Channel Faders:** Use the channel faders to control the individual volume of each input.

6.2 DSP Effects

The MD-10 features 99 built-in DSP effects. To select and adjust effects:

1. Use the **PROGRAM (PUSH)** knob to scroll through the available effects displayed on the LED screen.
2. Press the **PROGRAM (PUSH)** knob to confirm your selection.
3. Use the **UP**/**DOWN** buttons (FX1/FX2) to adjust parameters of the selected effect.

6.3 USB Playback

To play audio files from a USB drive:

1. Insert a USB flash drive containing audio files into the **USB** port.
2. The mixer will automatically detect the USB drive. Use the **MP3 Selector Knob** to navigate and select tracks.
3. Press the **MP3 Selector Knob** to play or pause the selected track.
4. Adjust the **USB Volume** fader to control the playback level.

6.4 Wireless Bluetooth Connection

To connect a Bluetooth device:

1. Press the **USB**/**BT** button to switch to Bluetooth mode. The LED display will indicate 'bt'.
2. On your mobile device, search for available Bluetooth devices and select 'Yamnweo Mixer'.
3. Once connected, you can play audio from your device through the mixer.
4. Adjust the **USB Volume** fader to control the Bluetooth playback level.

6.5 Master Equalization

Use the **7-Band Stereo Graphic Equalizer** faders to fine-tune the overall frequency response of your main mix. Adjust these faders to compensate for room acoustics or to achieve a desired sound profile.

6.6 Phantom Power

For condenser microphones requiring 48V phantom power:

1. Connect the condenser microphone to the desired **MIC**/**LINE** input.
2. Locate the corresponding **48V** switch on the rear panel for that channel.
3. Activate the **48V** switch. The indicator light will illuminate, providing power to the microphone.

6.7 Monitoring

Use the **Monitor Volume** knob to adjust the listening level through connected headphones or monitor speakers. The **PFL** button on each channel allows you to solo that channel's signal for precise monitoring without affecting the main mix.

7. Maintenance

- **Cleaning:** Regularly wipe the mixer's surface with a soft, dry, lint-free cloth. Avoid abrasive cleaners or solvents.
- **Dust Protection:** When not in use, cover the mixer with a dust cover to prevent dust and debris from entering the controls and internal components.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Fader and Knob Care:** Avoid excessive force when operating faders and knobs. Periodically check for smooth operation.

8. Troubleshooting

Problem	Possible Cause	Solution
No sound output	Power not connected; Master volume down; Channel fader down; Mute button active; Incorrect input/output connection.	Check power cable; Increase Master volume; Raise channel fader; Deactivate Mute button; Verify all audio connections.
Distorted sound	Input gain too high; Output level too high; Faulty cable.	Reduce channel GAIN; Lower Master volume; Replace audio cables.
Microphone not working (condenser mic)	48V phantom power not activated.	Activate the 48V phantom power switch for the connected channel.
Bluetooth connection issues	Mixer not in Bluetooth mode; Device not paired; Interference.	Ensure mixer is in 'bt' mode; Re-pair device; Move device closer to mixer.
USB playback not working	USB drive not inserted correctly; Incompatible file format; USB drive corrupted.	Re-insert USB drive; Ensure files are compatible (e.g., MP3, WAV); Try a different USB drive.

9. Specifications

- **Brand:** Yamnweo
- **Model Number:** MD-10
- **Number of Channels:** 10
- **Product Dimensions:** 16.1"D x 16"W x 5.5"H (40.8cm D x 40.5cm W x 14cm H)
- **Item Weight:** 15.2 Pounds (6.9 kg)
- **Connectivity Technology:** Bluetooth, USB
- **Power Source:** Corded Electric
- **Output Connector Type:** RCA, XLR
- **Audio Input:** XLR, 6.5mm (combo)

- **Voltage:** 110 Volts (AC)
- **DSP Effects:** 99 presets
- **Equalizer:** 3-band per channel, 7-band stereo graphic equalizer
- **Phantom Power:** +48V (switchable per channel)

10. Warranty

The Yamnweo MD-10 Professional Stage Mixer comes with a**30-day return and exchange policy** from the date of purchase. Please retain your proof of purchase for any warranty claims. This policy covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

11. Support

For technical assistance, troubleshooting, or further inquiries regarding your Yamnweo MD-10 mixer, please contact our customer support team. Refer to the retailer's website or your purchase documentation for specific contact information. We are committed to providing you with the best possible audio experience.

Ask a question about this manual

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