Yamnweo MIX-8

Yamnweo MIX8 Professional 8-Channel Audio Mixer User Manual

Model: MIX-8

1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your Yamnweo MIX8 Professional 8-Channel Audio Mixer. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your experience.

The MIX8 is an 8-channel audio mixer designed for various applications, including home studios, small performances, and meetings. It features XLR and Line inputs, 99 DSP digital effects, Bluetooth connectivity, USB playback and recording, and 48V phantom power.



Image 1.1: Yamnweo MIX8 Professional 8-Channel Audio Mixer, front view.

2. Product Overview: Controls and Features

Familiarize yourself with the various controls and connection points on your MIX8 mixer.

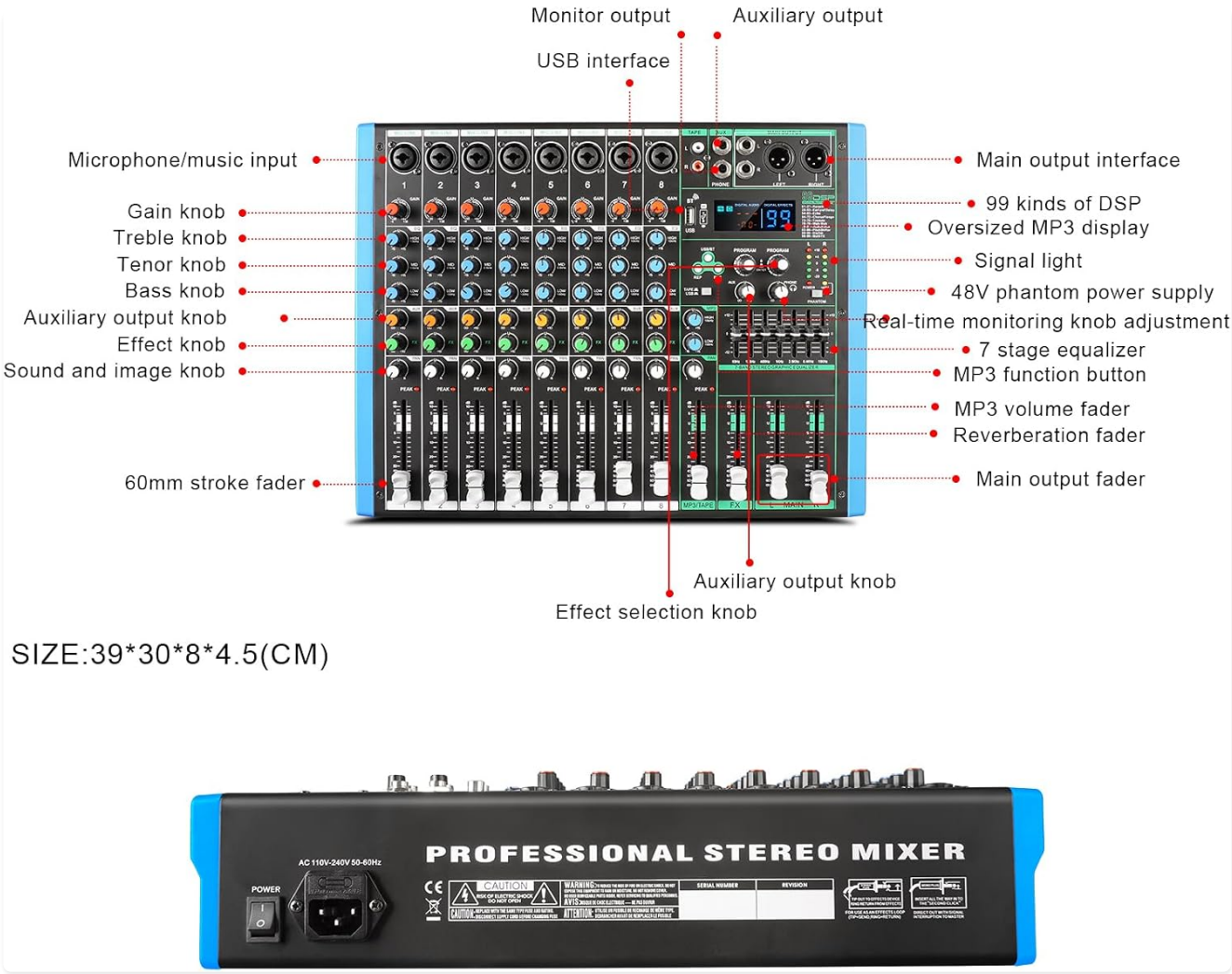


Image 2.1: Detailed diagram of the mixer's control panel with labels.

Key Controls:

- **Microphone/Music Input:** XLR and Line inputs for connecting microphones and other audio sources.
- **Gain Knob:** Adjusts the input sensitivity for each channel.
- **EQ Knobs (Treble, Tenor, Bass):** Three-band equalizer for tone adjustment on each channel.
- **Auxiliary Output Knob:** Controls the level sent to auxiliary outputs.
- **Effect Knob:** Adjusts the amount of effect applied to each channel.
- **Sound and Image Knob:** Likely refers to pan or balance control for stereo imaging.
- **60mm Stroke Fader:** Channel volume faders for precise level control.
- **Main Output Interface:** XLR and Line outputs for connecting to main speakers or recording devices.
- **99 Kinds of DSP:** Digital Signal Processor with 99 pre-set effects.
- **Oversized MP3 Display:** Digital screen for displaying MP3 playback information and effect numbers.
- **Signal Light:** Indicates signal presence and peak levels.
- **48V Phantom Power Supply:** Provides power for condenser microphones.
- **Real-time Monitoring Knob Adjustment:** Controls headphone monitoring level.
- **7 Stage Equalizer:** Graphic equalizer for overall mix adjustment.
- **MP3 Function Button:** Controls for MP3 playback.
- **MP3 Volume Fader:** Adjusts the volume of the MP3 player.
- **Reverberation Fader:** Controls the overall level of the selected effect.
- **Main Output Fader:** Controls the overall volume of the main mix.

- **USB Interface:** For connecting USB drives for playback and recording.
- **Monitor Output:** For connecting headphones or studio monitors.
- **Auxiliary Output:** Additional outputs for sending signal to external effects or monitors.
- **Effect Selection Knob:** Used to browse and select DSP effects.

Your browser does not support the video tag.

Video 2.1: This video demonstrates the physical appearance, various functionalities, and overall effectiveness of the Yamnweo MIX8 mixer, including control adjustments and sound output.

3. Setup

3.1 Power Connection

1. Ensure the mixer's power switch is in the OFF position.
2. Connect the provided power adapter to the mixer's power input.
3. Plug the power adapter into a suitable electrical outlet (100-240V AC, 50/60Hz).

3.2 Audio Input Connections

- **Microphones:** Connect dynamic or condenser microphones to the XLR inputs (channels 1-8). For condenser microphones, ensure 48V phantom power is activated (see Section 4.5).
- **Line-Level Devices:** Connect instruments, keyboards, or other line-level audio sources to the 1/4" Line inputs.
- **Stereo Devices (Tape/Aux):** Use the RCA or 1/4" AUX inputs for connecting stereo playback devices.

3.3 Audio Output Connections

- **Main Output:** Connect the XLR or 1/4" Main Output jacks to your power amplifier, powered speakers, or recording interface.
- **Monitor Output:** Connect headphones to the PHONES jack for monitoring.
- **Auxiliary Output:** Connect to external effects processors or additional monitor speakers.

4. Operating Instructions

4.1 Basic Operation

1. After connecting all cables, turn on the mixer's power switch.
2. Ensure all channel faders and the main output fader are initially set to their lowest position.
3. Gradually increase the gain knob for each active input channel until the signal light indicates a healthy signal without peaking (red light).
4. Slowly raise the channel faders and then the main output fader to achieve the desired volume.

4.2 Equalization (EQ)

Each input channel features a 3-band EQ (Treble, Tenor, Bass) for shaping the tone of individual sources. Adjust these knobs to enhance or cut specific frequencies. The mixer also includes a 7-band graphic equalizer for overall mix adjustment.

SIZE:39*30*8*4.5(CM)

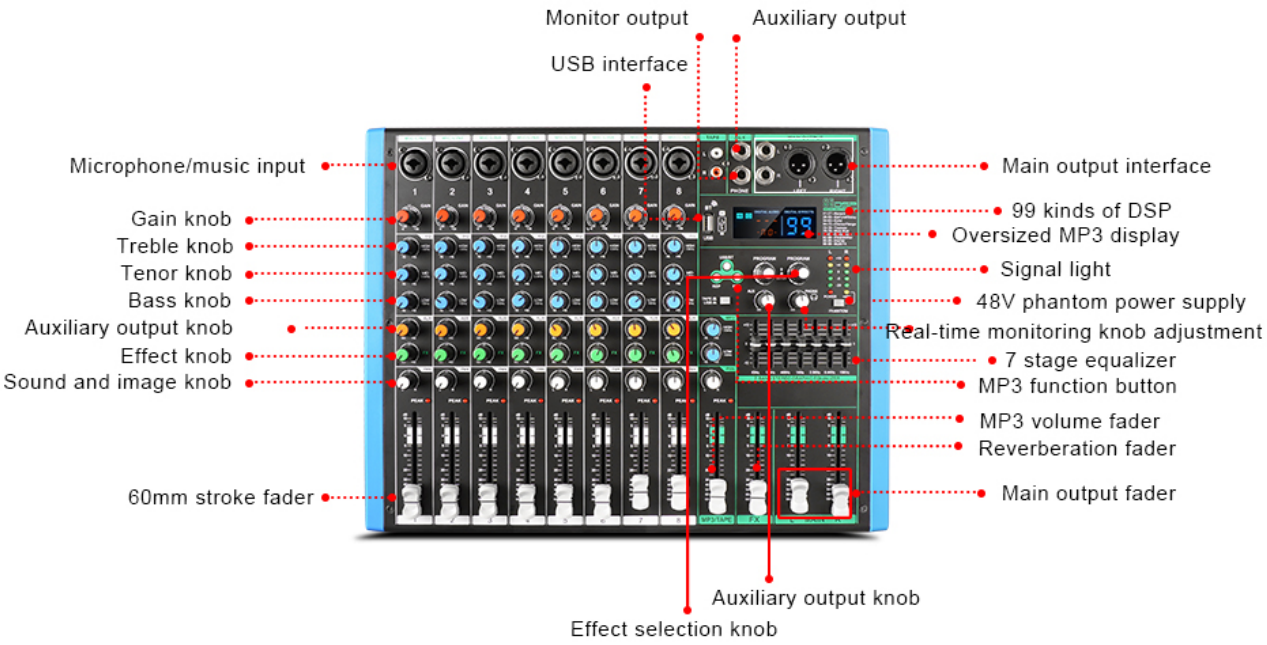


Image 4.1: The 7-band graphic equalizer allows for precise frequency adjustments to the overall mix.

4.3 DSP Digital Effects

The MIX8 features 99 built-in DSP digital effects. Use the PROGRAM knob to scroll through the effects and the ENTER button to select. The digital display will show the selected effect number.



Image 4.2: The digital display indicates the selected DSP effect, with a list of available effects.

Common effects include:

- 01-27: Reverb
- 28-53: Early Ref. Delay
- 54-63: Echo
- 64-72: Chorus/Flange
- 73-75: Tremolo
- 76-78: Wah-Wah
- 79-81: Radio Voice
- 82-89: Pitch Shifter
- 90-95: DisOdr
- 96-99: Multi FX

4.4 Bluetooth Function

The mixer supports Bluetooth connectivity for wireless audio playback from mobile phones, tablets, and other Bluetooth-enabled devices.

1. Activate Bluetooth on your external device.
2. Select the Bluetooth input on the mixer (usually indicated on the digital display).
3. Search for "MIX8" or a similar device name on your external device and pair.
4. Once paired, audio from your device will play through the mixer.

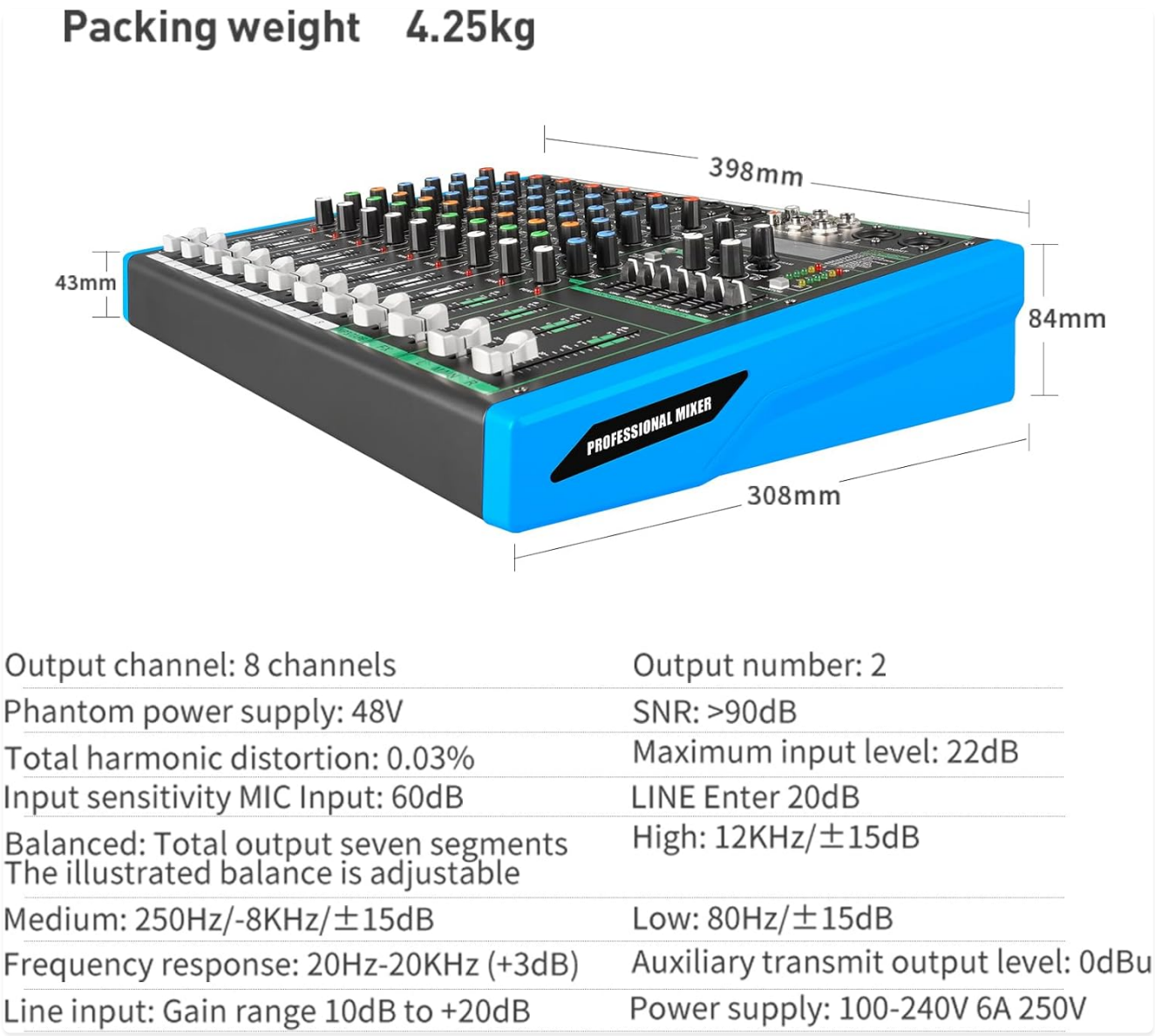


Image 4.3: The mixer's wireless module allows for stable Bluetooth audio transmission from smart devices.

4.5 USB Playback and Recording

The built-in USB interface allows for direct MP3 playback from a USB drive and recording of your mix.

1. **Playback:** Insert a USB drive containing MP3 files into the USB port. Use the MP3 function buttons to control playback (play, pause, skip tracks).
2. **Recording:** The mixer can record the main mix directly to a connected USB drive. Refer to the specific recording instructions in the full manual for detailed steps.



Image 4.4: The USB port enables convenient plug-and-play functionality for music playback and recording.

4.6 48V Phantom Power

The 48V phantom power switch activates power for condenser microphones connected to the XLR inputs. Ensure this is only activated when using condenser microphones that require it. Turn off phantom power before connecting or disconnecting microphones to prevent damage.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the mixer's surface. Avoid using liquid cleaners or solvents, as they may damage the finish or internal components.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure proper ventilation around the mixer to prevent overheating. Do not block ventilation openings.
- **Cable Management:** Keep cables organized and free from kinks or excessive tension to prevent damage.

6. Troubleshooting

6.1 No Sound Output

- Check all power connections and ensure the mixer is turned on.
- Verify that the main output fader and individual channel faders are raised.
- Ensure input sources are connected correctly and are producing a signal.
- Check connections to your amplifier or powered speakers.

6.2 Distorted Sound

- Reduce the gain knob for the input channel to prevent clipping (red signal light).
- Lower the main output fader if the overall mix is distorting.
- Check cables for damage or improper connection.

6.3 Bluetooth Connection Issues

- Ensure the mixer's Bluetooth function is active and discoverable.
- Verify Bluetooth is enabled on your external device.
- Move your device closer to the mixer to ensure a strong signal.
- Try unpairing and re-pairing the devices.

6.4 Phantom Power Not Working

- Ensure the 48V phantom power switch is engaged.
- Verify that your condenser microphone requires phantom power.
- Check the XLR cable for proper connection and integrity.

7. Specifications

Below are the technical specifications for the Yamnweo MIX8 Professional 8-Channel Audio Mixer:



Image 7.1: Physical dimensions and key technical specifications of the Yamnweo MIX8 mixer.

Feature	Specification
Model Number	MIX-8
Number of Channels	8
Product Dimensions	15.3"D x 11.8"W x 3.1"H (398mm x 308mm x 84mm)
Item Weight	8.57 pounds (4.25 kg)
Connectivity Technology	Bluetooth, USB
Power Source	Corded Electric
Voltage	100-240 Volts AC, 50/60Hz
Phantom Power Supply	48V
Total Harmonic Distortion	0.03%
Input Sensitivity MIC Input	60dB

SNR (Signal-to-Noise Ratio)	>90dB
Maximum Input Level	22dB
Frequency Response	20Hz-20KHz (+3dB)
Line Input Gain Range	10dB to +20dB
Auxiliary Transmit Output Level	0dBu

8. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the documentation included with your purchase or contact Yamnweo customer service directly. Keep your proof of purchase for warranty claims.

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