Yamnweo TF400

Yamnweo TF400 DJ Mixer Instruction Manual

4 Channel Audio Mixer with Power Amplifier and 99 DSP FX Reverb Effects

1. Introduction

The Yamnweo TF400 is a professional 4-channel audio mixer designed for various applications including live performances, DJ events, karaoke, and streaming media. It features a built-in power amplifier with 2*350W output, a new generation digital DSP audio processing chip, and 99 DSP reverb effects. This manual provides detailed instructions for setting up, operating, and maintaining your TF400 mixer to ensure optimal performance and longevity.

2. Product Overview and Controls

Familiarize yourself with the various components and controls of your TF400 DJ Mixer.



Figure 2.1: Front and Rear Panel Layout of the TF400 Mixer with labeled controls.

This image illustrates the comprehensive layout of the TF400 mixer's control panel, highlighting key features such as input channels, equalization controls, DSP effects section, and main output controls. The rear panel shows power input, amplifier outputs, and cooling fans.

2.1 Front Panel Controls

- **MIC/LINE Inputs:** Channels 1-4 with 6.35mm jack and XLR jack for microphones or line-level instruments.
- **PAD Switch:** Attenuates input signal for high-level sources.
- **PEAK LED:** Indicates signal clipping.
- **GAIN Control:** Adjusts input sensitivity for each channel.
- **EQ Controls (HI, MID, LOW):** Three-band equalizer for adjusting high, medium, and low frequencies for each channel.
- **AUX Send:** Controls the amount of signal sent to the auxiliary output.
- **EFF Send:** Controls the amount of signal sent to the internal DSP effects processor.
- **PAN Control:** Adjusts the stereo position of the channel signal.
- **MUTE Switch:** Mutes the individual channel output.

- **LEVEL Faders:** Adjusts the volume level for each channel.
- **MP3/USB Section:** Controls for USB/Bluetooth playback and recording.
- **DSP Effects Section:** Digital display and controls for selecting and adjusting 99 built-in effects.
- **7-Band Stereo Graphic Equalizer:** Fine-tunes the overall main mix output.
- **MAIN MIX Faders (L/R):** Controls the overall output volume.
- **PHONES Output:** Headphone jack for monitoring.

2.2 Rear Panel Components

- **Power Socket:** Connects to the AC power supply.
- **Power Amplifier Output:** Connects to passive speakers.
- **Cooling Fans:** Dual-fan high-speed heat dissipation system.

3. Setup Guide

Follow these steps to set up your TF400 DJ Mixer.

3.1 Power Connection

1. Ensure the mixer's power switch is in the OFF position.
2. Connect the provided power cable to the Power Socket on the rear panel of the mixer.
3. Plug the other end of the power cable into a suitable 110V AC power outlet.

3.2 Input Connections

The TF400 supports various input sources:

- **Microphones:** Connect wired microphones to the MIC/LINE inputs (XLR or 6.35mm jack). The mixer supports 48V phantom power for condenser microphones.
- **Line-Level Devices:** Connect instruments, CD players, or other audio devices to the MIC/LINE inputs using 6.35mm or XLR cables.
- **USB Playback:** Insert a USB flash drive into the USB port for MP3 music playback.
- **Bluetooth Connection:** Pair your smartphone, tablet, or other Bluetooth-enabled device to stream music wirelessly.

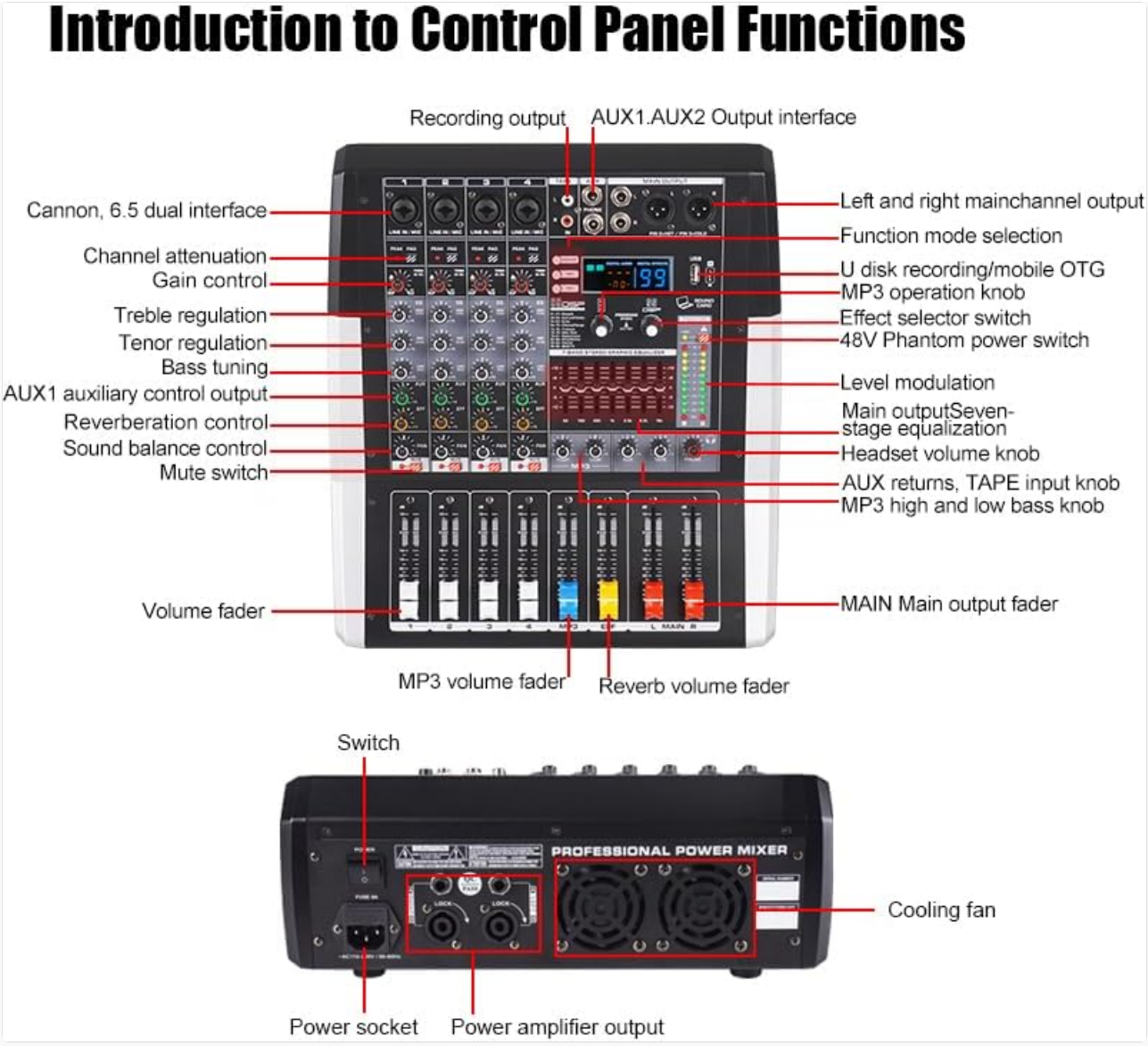


Figure 3.1: Example of various audio connections to the TF400 Mixer.

This image demonstrates how different audio sources, such as microphones and line-level devices, can be connected to the mixer's input channels. It also shows the USB port for digital media playback.

3.3 Output Connections

Connect your audio output devices:

- **Speakers:** Connect passive speakers to the Power Amplifier Output jacks on the rear panel. The TF400 can drive up to four 12-inch speakers simultaneously.
- **Powered Speakers/Other Audio Devices:** Use the MAIN OUT (L/R) XLR or 6.35mm jacks to connect to powered speakers, external amplifiers, or recording devices.
- **Headphones:** Plug your headphones into the PHONES output for monitoring.

Video 3.1: Overview of TF series professional DJ audio mixer features and connections.

This video provides a visual demonstration of the TF400 mixer's key features, including input/output connections, control functions, and the powerful 99 DSP effects processor. It highlights the mixer's ability to connect various audio sources and drive multiple speakers.

4. Operating Instructions

This section details how to operate your TF400 DJ Mixer.

4.1 Basic Operation

1. **Power On:** After all connections are made, switch on the mixer's power.
2. **Adjusting Input Gain:** For each connected input source, slowly increase the GAIN control until the PEAK LED flashes occasionally. This indicates an optimal input level without clipping.
3. **Channel Volume:** Use the individual LEVEL faders to adjust the volume of each channel in the mix.
4. **Main Output Volume:** Adjust the MAIN MIX L/R faders to control the overall volume sent to your speakers or recording device.

4.2 Equalization (EQ)

Each channel features a 3-band EQ (HI, MID, LOW) to shape the tone of your audio. The main output also has a 7-band graphic equalizer for overall sound adjustment.



Figure 4.1: Close-up of the 7-Band Stereo Graphic Equalizer.

This image focuses on the 7-band equalizer, which allows for precise frequency adjustments across the main mix. This feature helps in fine-tuning the audio output to suit different acoustic environments or musical styles.

4.3 DSP Effects

The TF400 features 99 built-in DSP effects. Use the DSP section to select and apply effects to your audio.



Figure 4.2: Digital display showing the 99 DSP reverb effects.

This image displays the digital interface for the 99 DSP effects, including various reverb types, echo, chorus, and other modulation effects. Users can easily select and adjust these effects to enhance their audio.

- Use the dedicated knobs and buttons in the DSP section to browse and select effects.
- Adjust the EFF Send control on each channel to send the desired amount of signal to the effects processor.
- The main EFF fader controls the overall return level of the effects.

4.4 USB/Bluetooth Playback

The MP3/USB section allows for versatile audio playback.

- **USB Playback:** Insert a USB flash drive with MP3 files. Use the controls in the MP3 section (play/pause/skip) to manage playback.
- **Bluetooth:** Activate Bluetooth on your external device and pair with the TF400. Stream audio wirelessly to the

mixer.



Figure 4.3: USB playback functionality with a flash drive connected.

This image highlights the USB playback feature, showing a USB flash drive connected to the mixer. The integrated LCD screen facilitates easy navigation and control of audio files directly from the mixer.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your TF400 DJ Mixer.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Avoid using abrasive cleaners or solvents.
- **Dust Protection:** Keep the mixer covered when not in use to prevent dust accumulation, especially in faders and knobs.
- **Ventilation:** Ensure the cooling fans on the rear panel are not obstructed to allow for proper heat dissipation.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.

6. Troubleshooting

If you encounter issues with your TF400 DJ Mixer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output	Power off; incorrect connections; volume levels too low; MUTE engaged.	Check power, all cable connections (inputs/outputs); increase channel and main mix faders; ensure MUTE is disengaged.
Distorted sound	Input gain too high; damaged cables; speaker impedance mismatch.	Reduce input GAIN; check/replace cables; ensure speakers match mixer's impedance requirements.
No Bluetooth connection	Bluetooth not enabled on device; mixer not in pairing mode; interference.	Ensure Bluetooth is on and discoverable on your device; check mixer's Bluetooth status; move closer to the mixer.
Effects not working	EFF Send/Return levels too low; effect not selected.	Increase EFF Send on channels and EFF fader; select an effect from the DSP section.

If the problem persists after trying these solutions, please contact Yamnweo customer support for further assistance.

7. Specifications

- **Model:** TF400
- **Channels:** 4
- **Power Output:** 2 * 350W (Total 700W)
- **DSP Effects:** 99 built-in effects
- **Equalizer:** 3-band per channel, 7-band stereo graphic equalizer on main output
- **Connectivity:** Bluetooth, USB, XLR, 6.35mm Jack
- **Phantom Power:** 48V (selectable per channel)
- **Item Weight:** 14.52 pounds
- **Product Dimensions:** 13.77 x 12.32 x 4.8 inches
- **Voltage:** 110 Volts
- **Power Source:** Corded Electric

8. Warranty and Support

Yamnweo is committed to providing high-quality audio equipment. For information regarding product warranty, please refer to the warranty card included with your purchase or visit the official Yamnweo website. For technical support or service inquiries, please contact our customer service team. You can find contact details on our website or through your purchase platform.

Seller: huangshengyingkeji

Additional protection plans may be available for purchase through your retailer, offering extended coverage beyond the standard manufacturer's warranty.

© 2025 Yamnweo. All rights reserved.

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