Yamnweo TF-800

Yamnweo TF-800 8-Channel Power Mixer User Manual

Model: TF-800

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1. Introduction

The Yamnweo TF-800 is an 8-channel power mixer designed for professional audio applications. It integrates a powerful 650+650W amplifier, 99 built-in reverb effects, Bluetooth and USB connectivity, and 48V phantom power. This mixer is suitable for various environments including KTV, bar DJ setups, lectures, and live stage performances. This manual provides detailed instructions for setting up, operating, and maintaining your TF-800 mixer.



Figure 1: Front view of the Yamnweo TF-800 8-Channel Power Mixer.

2. Setup

2.1 Unpacking and Inspection

Carefully remove the mixer from its packaging. Inspect the unit for any signs of damage during transit. Ensure all accessories are present.

2.2 Power Connection

Connect the provided power cable to the mixer's power input and then to a suitable AC power outlet. Ensure the mixer's power switch is in the OFF position before connecting to power.

2.3 Connecting Inputs

The TF-800 features 8 input channels. Each channel supports both XLR (microphone) and 1/4" TRS/TS (line-in) connections.

- **Microphones:** Connect dynamic or condenser microphones to the XLR inputs. For condenser microphones, activate the 48V phantom power switch (see Section 2.5).
- **Line-Level Devices:** Connect instruments, keyboards, or other audio sources to the 1/4" TRS/TS line inputs.

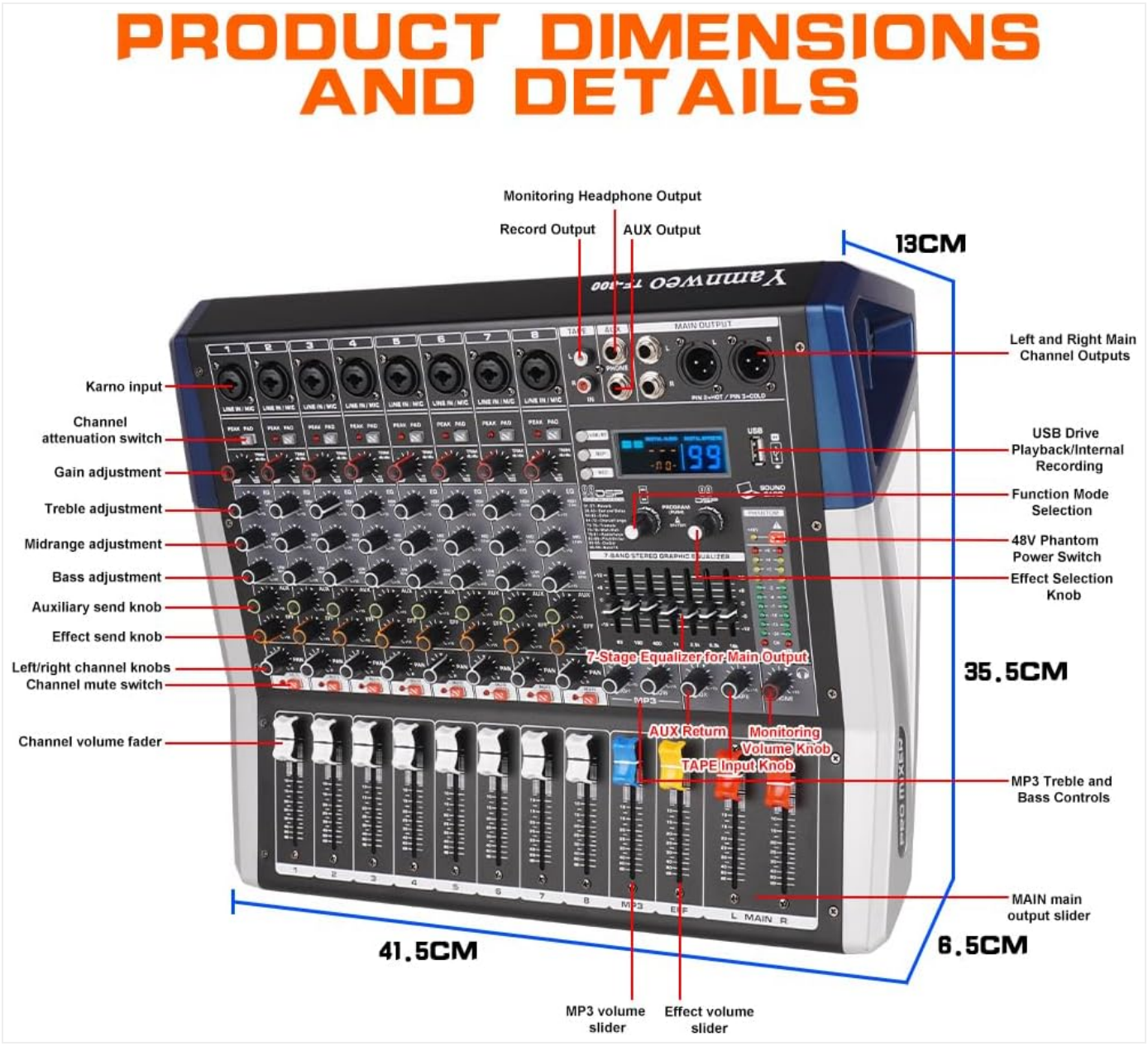


Figure 2: Rear panel connections for inputs and outputs.

2.4 Connecting Outputs

- **Main Outputs:** Connect your main speakers to the Left and Right Main Channel Outputs (XLR or 1/4" jacks). The TF-800's integrated amplifier can drive two 15-inch professional speakers.
- **Monitoring Headphone Output:** Connect headphones to the dedicated headphone jack for monitoring.
- **AUX Output:** Use the AUX output to send a mix to external monitors or effects processors.
- **Record Output:** Connect a recording device to the Record Output for capturing your mix.

2.5 Activating 48V Phantom Power

The TF-800 provides 48V phantom power for condenser microphones. Locate the 48V phantom power switch on the mixer. Activate this switch only when using condenser microphones that require phantom power. Ensure all connections are made before activating phantom power to prevent damage to equipment.

3. Operation

3.1 Channel Controls

Each input channel features the following controls:

- **Gain Adjustment:** Adjusts the input sensitivity for the connected microphone or line-level device. Set this to an appropriate level to avoid clipping (distortion).
- **3-Band EQ (Treble/Midrange/Bass):** Allows you to shape the tone of each channel.
- **Auxiliary Send:** Controls the amount of signal sent to the AUX output.
- **Effect Send:** Controls the amount of signal sent to the internal effects processor.
- **One-Touch Mute Switch:** Quickly mutes or unmutes the individual channel.
- **Channel Volume Fader:** Adjusts the output level of the individual channel to the main mix.



Figure 3: Detailed view of channel controls, including the one-touch mute switch.

3.2 Reverb Effects Selection and Adjustment

The TF-800 includes 99 built-in digital effects. Use the Effect Selection Knob to browse and select desired effects such as Reverb, Delay, Echo, Chorus, Flange, Tremolo, Wah-Wah, RadioVoice, PitchShifter, DisOdr, and Multi FX. The large-screen spectrum display will show the selected effect number and level.



Figure 4: Digital effects display and controls.

The following table lists the effect types and their corresponding ranges:

Effect Type	Range
Reverb	01-27
Delay	28-53
Echo	54-63
Chorus/Flange	64-72
Tremolo	73-75
Wah-Wah	76-78
RadioVoice	79-81
PitchShifter	82-89
DisOdr	90-95
Multi FX	96-99

3.3 Bluetooth Connectivity

To stream audio wirelessly from a smartphone or tablet:

1. Activate Bluetooth mode on the mixer using the Function Mode Selection.
2. On your device, search for available Bluetooth devices and select "Yamnweo TF-800" (or similar).
3. Once paired, you can stream audio directly to the mixer.



Figure 5: Bluetooth wireless playback setup.

3.4 USB Playback and Recording

Insert a USB drive into the USB port for direct audio playback or internal recording. Use the Function Mode Selection to switch between playback and recording modes. The mixer supports plug-and-play functionality for USB devices.

3.5 Main Output Control

Adjust the overall volume of the main mix using the MAIN main output slider. Monitor your levels using the peak level

indicator lights to prevent clipping.

Your browser does not support the video tag.

Video 1: Overview of the Yamnweo TF-800 mixer's features, including faders and display. This video demonstrates the physical controls and digital display of the mixer.

4. Maintenance

4.1 Cleaning

To clean the mixer, use a soft, dry cloth. For stubborn dirt, a slightly damp cloth with mild soap can be used, followed by a dry cloth. Avoid using abrasive cleaners, solvents, or waxes, as these can damage the finish and internal components. Ensure the mixer is powered off and unplugged before cleaning.

4.2 Storage

When not in use, store the mixer in a cool, dry place away from direct sunlight and extreme temperatures. If transporting, use appropriate protective casing to prevent physical damage.

5. Troubleshooting

Problem	Possible Cause	Solution
No sound output	• Power not connected or turned on. • Main output fader is down. • Channel fader is down or muted. • Incorrect input/output connections. • Speakers not connected or powered.	• Check power cable and switch. • Raise the MAIN output slider. • Raise channel fader and check mute switch. • Verify all audio cables are correctly connected. • Ensure speakers are connected and powered on.
Distorted sound	• Input gain too high. • Output level too high. • Damaged cables or equipment.	• Reduce input gain on the affected channel. • Lower the MAIN output slider. • Check and replace faulty cables or equipment.
Bluetooth connection issues	• Mixer not in Bluetooth mode. • Device not paired. • Interference.	• Ensure mixer is in Bluetooth mode. • Re-pair your device with the mixer. • Move closer to the mixer or away from other wireless devices.
USB playback/recording not working	• Incorrect USB format. • USB drive not properly inserted. • Mixer not in correct USB mode.	• Ensure USB drive is formatted correctly (e.g., FAT32). • Re-insert the USB drive. • Select the appropriate USB playback or recording mode.

6. Specifications

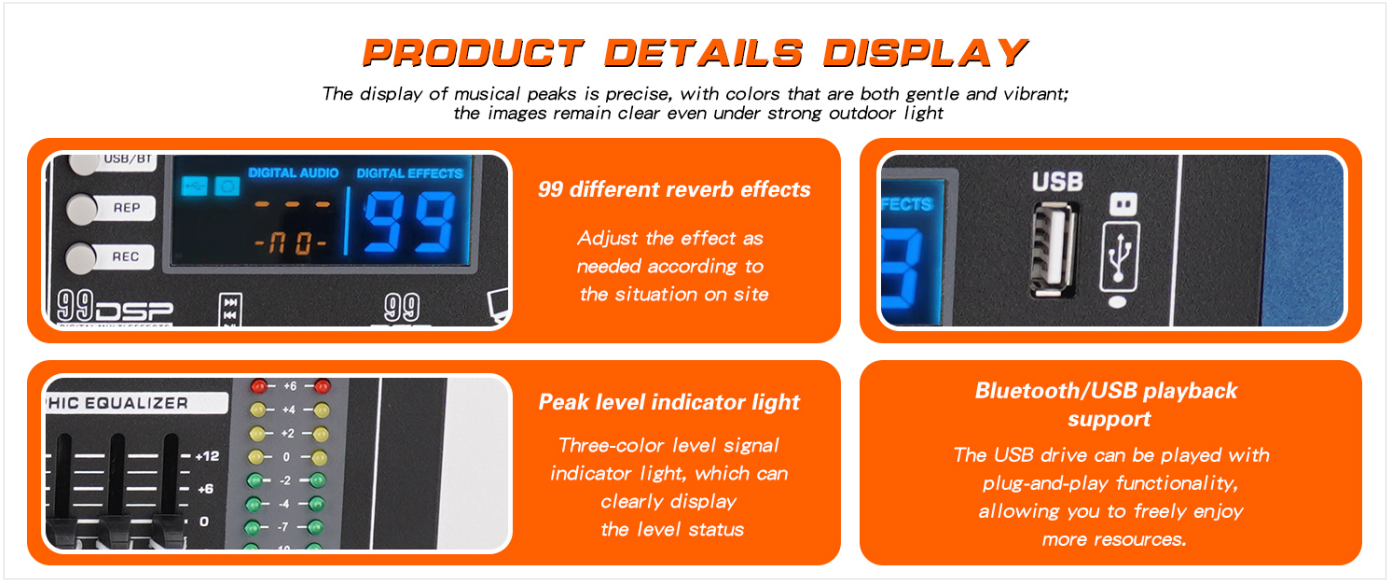


Figure 6: Product dimensions and detailed component labels.

Feature	Detail
Brand	Yamnweo
Model	TF-800
Number of Channels	8
Amplifier Power	650W + 650W
Product Dimensions (L x W x H)	41.5 cm x 35.5 cm x 13 cm (approx. 16.3" x 14" x 5.1")
Item Weight	2.76 Pounds (approx. 1.25 kg)
Connectivity	Bluetooth, USB
Phantom Power	48V
Reverb Effects	99 Built-in DSP Effects
Frequency Response	20 Hz - 20 KHz (typical)
Noise Level	92 dB

7. Warranty & Support

7.1 Warranty Information

This product is covered by a 30-day return and exchange policy. Please refer to your purchase documentation for specific terms and conditions.

7.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact the seller or manufacturer directly through the platform where the product was purchased. Provide your model number (TF-800) and purchase date for faster service.

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Example: How do I reset this device or fix this error?

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