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› [TFCFL](#) /

› [TFCFL Mini Audio Mixer Sound Board Console System - 5-Channel Digital USB Bluetooth MP3 Computer Input - User Manual](#)

TFCFL WK5HB0BR

TFCFL Mini Audio Mixer Sound Board Console System - 5-Channel Digital USB Bluetooth MP3 Computer Input - User Manual

OVERVIEW

The TFCFL 5-Channel Mini Audio Mixer is a versatile and compact sound board console system designed for various audio mixing applications, including DJing, studio recording, and live streaming. It features digital USB and Bluetooth connectivity, 48V phantom power for condenser microphones, and multiple input/output options to enhance your audio experience.



Image: The TFCFL 5-Channel Mini Audio Mixer connected to a laptop, demonstrating its use in a digital audio setup.

KEY FEATURES

- **5-Channel Mixer:** Features three stereo channels and independent stereo source channels with high-sensitivity potentiometers for precise volume control. Supports Bluetooth/USB playback, stereo input/output, computer recording, and monitor output.
- **High-Quality Construction:** Made of durable plastic, resistant to rust and water, ensuring long-term use. Lightweight and portable design for on-the-go music creation. Can be powered by computer, power supply, or rechargeable power supply for indoor and outdoor use.
- **48V Phantom Power & Reverb Effect:** Equipped with 48V phantom power for professional recording condenser microphones. Includes built-in reverb effects and stage equalization adjustment with adjustable reverb depth and delay.
- **Diverse Connections:** Built-in Bluetooth module for wireless audio connection. Connects to various audio devices, amplifiers, CD players, computers, headphones, and musical instruments. Features stereo channel inputs/outputs and low-noise microphone inputs for detailed sound.
- **Easy to Operate:** Simple USB connection to a computer for tuning, suitable for live events or online teaching. Includes a USB cable and user manual for easy setup.



Image: The TFCFL 5-Channel Mini Audio Mixer highlighting its versatility across different audio applications.

SETUP GUIDE

Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed in the package contents are present. Inspect the mixer for any signs of damage during transit.



Image: The TFCFL 5-Channel Mini Audio Mixer and its included accessories, such as the user manual and cables.

Your browser does not support the video tag.

Video: A demonstration of unboxing the mixer and connecting various components, including microphones and power.

Power Connection

Connect the provided power adapter to the DC 5V 1A input port on the mixer. Plug the adapter into a suitable power outlet. Turn on the power switch located on the mixer.

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Video: Instructions on how to connect the power cord and turn on the mixer, followed by connecting a wireless microphone receiver and an RCA cable.

Connecting Microphones and Line Inputs

The mixer features multiple input channels. For microphones, use the XLR/TRS combo jacks. For condenser microphones requiring power, activate the **+48V Phantom Power** button for the respective channel. For line-level devices (e.g., instruments, media players), use the 1/4" TRS or RCA inputs.



Image: A comprehensive diagram showing how to connect different audio sources and outputs to the mixer.

USB and Bluetooth Connectivity

To connect to a computer for recording or playback, use the USB-B port. The mixer can function as an audio interface. For wireless audio streaming, activate Bluetooth mode on the mixer and pair it with your device (e.g., smartphone, tablet).

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Video: This video demonstrates connecting an XLR cable, activating phantom power, and pairing a Bluetooth device with the mixer.

OPERATING YOUR MIXER

Channel Controls

Each channel on the mixer has dedicated controls for fine-tuning your audio:

- **GAIN:** Adjusts the input sensitivity for the channel.
- **HIGH/MID/LOW:** 3-band equalizer for adjusting treble, midrange, and bass frequencies.
- **EFF:** Controls the amount of effect sent from the channel to the built-in effects processor.
- **PEAK:** An indicator light that illuminates when the input signal is too high, indicating potential clipping.
- **LEVEL:** Adjusts the overall output level of the channel.



Image: Detailed view of the individual channel controls, including gain, EQ, and effect send knobs.

Main Output and Monitoring

The mixer provides main outputs for connecting to speakers or recording devices, and a dedicated headphone output for monitoring.

- **MAIN OUT (XLR/1/4"):** Balanced XLR and unbalanced 1/4" outputs for connecting to main speakers or amplifiers.
- **PHONES:** 1/4" stereo jack for connecting headphones to monitor the overall mix.



Image: The main output section of the mixer, detailing the various output jacks for speakers and recording.

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Video: This video demonstrates connecting headphones and adjusting the headphone monitor and channel levels.

Effects Processor

The mixer includes a built-in effects processor. Use the **DELAY** and **REPEAT** knobs to adjust the characteristics of the selected effect. The **MODE** button allows you to cycle through different playback options for USB/MP3.

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Video: A short demonstration of the mixer's effects and USB playback functions.

USB Player Functions

The integrated USB player allows for direct playback of MP3 files from a USB drive. Use the control buttons (play/pause, next/previous track, mode) to manage playback. The USB port also facilitates connection to a computer for digital audio input/output.

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Video: A sound test of the audio mixer, demonstrating its functionality with various inputs and outputs.

CARE AND MAINTENANCE

To ensure the longevity and optimal performance of your TFCFL Mini Audio Mixer, follow these maintenance

guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the surface of the mixer. Avoid using liquid cleaners or abrasive materials, as they may damage the finish or internal components.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Handle the mixer with care to prevent physical damage. Avoid dropping or subjecting it to strong impacts.
- **Connections:** Always ensure cables are securely connected but do not force them. Disconnect cables by pulling the plug, not the cable itself.

TROUBLESHOOTING COMMON ISSUES

If you encounter any issues with your mixer, refer to the following troubleshooting tips:

- **No Sound Output:**
 - Check if the mixer is powered on and connected correctly.
 - Ensure all channel level knobs and the main output fader are turned up.
 - Verify that speakers or headphones are properly connected and their volume is adjusted.
 - Check input source connections and ensure they are active.
- **Distorted Sound:**
 - Reduce the GAIN knob for the affected channel.
 - Check the PEAK indicator; if it's consistently red, the signal is too hot.
 - If using a microphone, ensure the PAD button (if available) is correctly set.
- **Microphone Not Working:**
 - For condenser microphones, ensure the **+48V Phantom Power** is activated for the correct channel.
 - Check the microphone cable for damage and ensure it's securely connected.
 - Test with a different microphone or cable if possible.
- **Bluetooth Connection Issues:**
 - Ensure the mixer is in Bluetooth mode (indicated on the display).
 - Make sure your device's Bluetooth is enabled and discoverable.
 - Try unpairing and re-pairing the device.
 - Ensure no other devices are interfering with the Bluetooth signal.

TECHNICAL SPECIFICATIONS

Feature	Specification
Number of Channels	5 Channels
Material	Plastic
Connectivity Technology	Interface, USB, Bluetooth
Power	5W

Current Input	USB2A on
Maximum Output Level	+26dBu
Common Mode Rejection Ratio	>75dB
Line Input Level	+24dBu
Frequency Response	20HZ-20KHz
Microphone Input Level	+24dBu
Total Harmonic Distortion	<0.01%
Noise	-80dB
Bluetooth Version	5.0
Plug Voltage	US Plug 110V
Product Size	20.5*21*6.5cm/ 8.07*8.27*2.58in
Net Weight	0.8kg/ 1.76lbs

WARRANTY AND CUSTOMER SUPPORT

For warranty information, technical support, or any inquiries regarding your TFCFL Mini Audio Mixer, please refer to the contact details provided in your product packaging or reach out to the seller directly. Keep your purchase receipt as proof of purchase for warranty claims.