Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

TKLBLS L-16 Channel

TKLBLS Professional 16 Channel DJ Mixer Board L-16 Channel User Manual

Model: L-16 Channel | Brand: TKLBLS

Introduction

This manual provides comprehensive instructions for the TKLBLS Professional 16 Channel DJ Mixer Board, Model L-16 Channel. It covers setup, operation, and maintenance to ensure optimal performance and longevity of your audio mixer. This device is designed for professional audio mixing in various settings, including karaoke, studio recording, and live streaming, offering advanced features such as 99-Bit DSP effects, 7-Band EQ, USB audio interface, Bluetooth connectivity, and 48V phantom power.

Important Safety Instructions

- Read all instructions carefully before operating the device.
- Keep the manual for future reference.
- Do not expose the device to rain or moisture.
- Ensure proper ventilation to prevent overheating.
- Only use attachments/accessories specified by the manufacturer.
- Disconnect the device during lightning storms or when unused for long periods.

Product Overview and Key Features

The TKLBLS L-16 Channel audio mixer is a versatile tool for audio professionals. Below is an overview of its main features:

- **Mic Line and Stereo Line Inputs:** 16 microphone inputs and 2 stereo inputs, supporting balanced and unbalanced signals with 3-band EQ adjustment.
- **48V Independent Power Switch per Channel:** Provides necessary power for condenser microphones, filters AC interference, and offers individual control for clearer sound.
- **Mono Mute Switch:** Control audio output of specific channels, suitable for various live events.
- **99 DSP Reverb Effect and HD Screen:** Equipped with 99 sound effects (reverb, equalization, etc.) with clear adjustment via an HD screen for enhanced sound fidelity.
- **Main Output 7-Band EQ Adjustment:** Accurately adjust frequency of the audio signal (bass, midrange, treble) for a clearer and more balanced audio effect.

- **Bluetooth Wireless Connection and Record:** Play music or record audio via MP3 and USB ports. Bluetooth works within 15ft.



Figure 1: Front view of the TKLBLS L-16 Channel DJ Mixer Board.

This image displays the full layout of the TKLBLS L-16 Channel DJ Mixer Board, showcasing its numerous input channels, control knobs, faders, and digital display for effects and media playback.

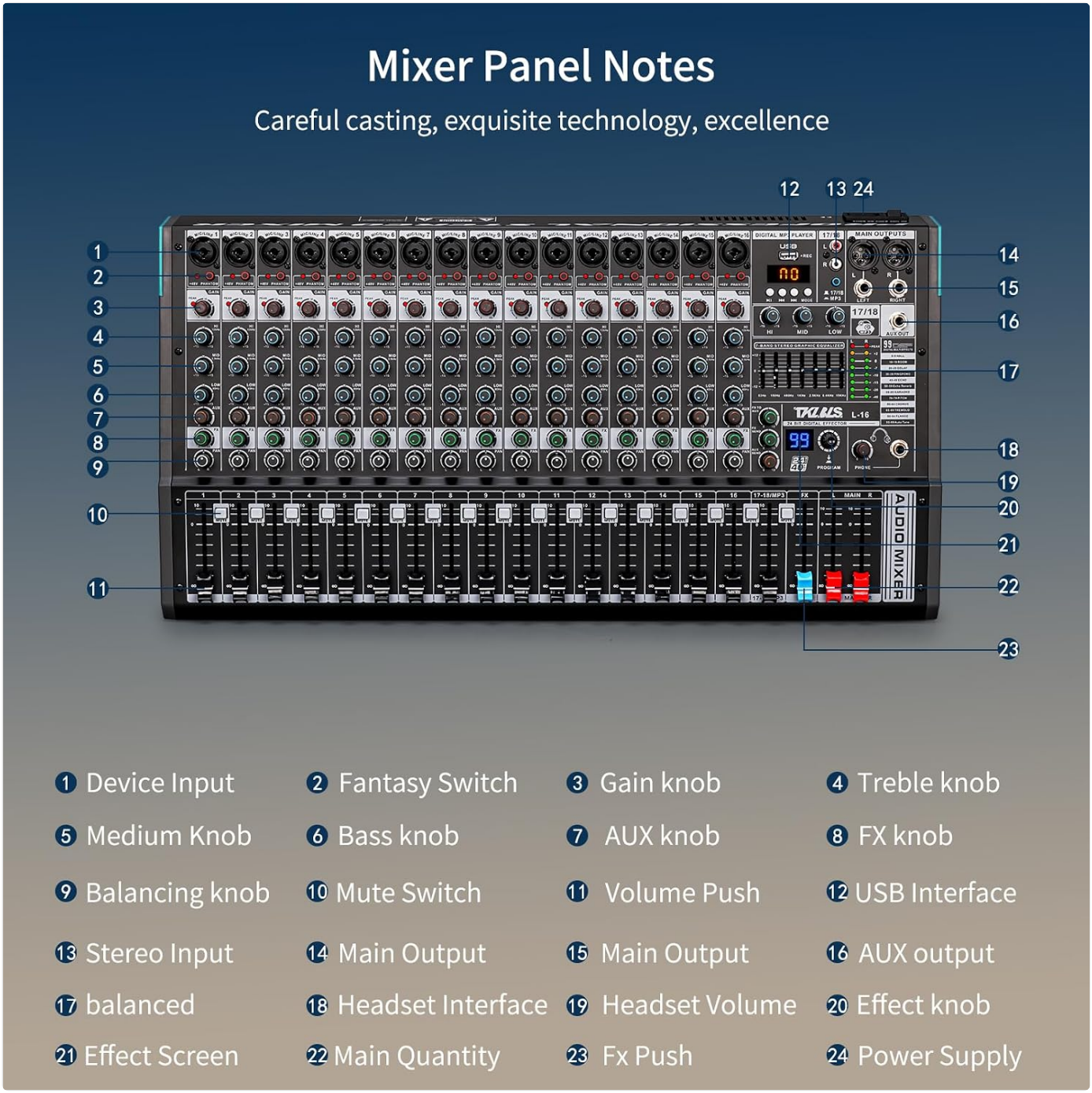


Figure 2: Detailed diagram of the mixer panel controls.

This diagram provides a numbered breakdown of each control on the mixer panel, including device inputs, phantom switches, gain knobs, EQ controls (treble, mid, bass), AUX knobs, FX knobs, balancing knobs, mute switches, volume push, USB interface, stereo input, main output, AUX output, headset interface, headset volume, effect knob, effect screen, main quantity, FX push, and power supply.

Setup and Connections

Proper setup and connection are crucial for optimal performance. Follow these steps to connect your TKLBLS L-16 Channel mixer:

1. **Power Connection:** Connect the mixer to a power source using the provided cord.
2. **Microphone/Line Inputs:** Use XLR or 1/4" TRS cables to connect microphones or line-level instruments to the respective input channels (1-16). Activate 48V phantom power for condenser microphones using the individual channel buttons.
3. **Stereo Inputs:** Utilize the stereo inputs for connecting devices like keyboards or other stereo audio sources.

4. **Main Outputs:** Connect your main speakers or power amplifier to the Main Out (L/R) XLR or 1/4" TRS jacks.
5. **AUX Outputs:** Use AUX outputs for sending signals to external effects processors or monitor speakers.
6. **Headphone Output:** Plug your headphones into the dedicated headphone jack for monitoring.
7. **USB Audio Interface:** Connect the mixer to your computer via a USB cable for recording or playback.
8. **Bluetooth Connectivity:** Pair your Bluetooth-enabled device to the mixer for wireless audio streaming.

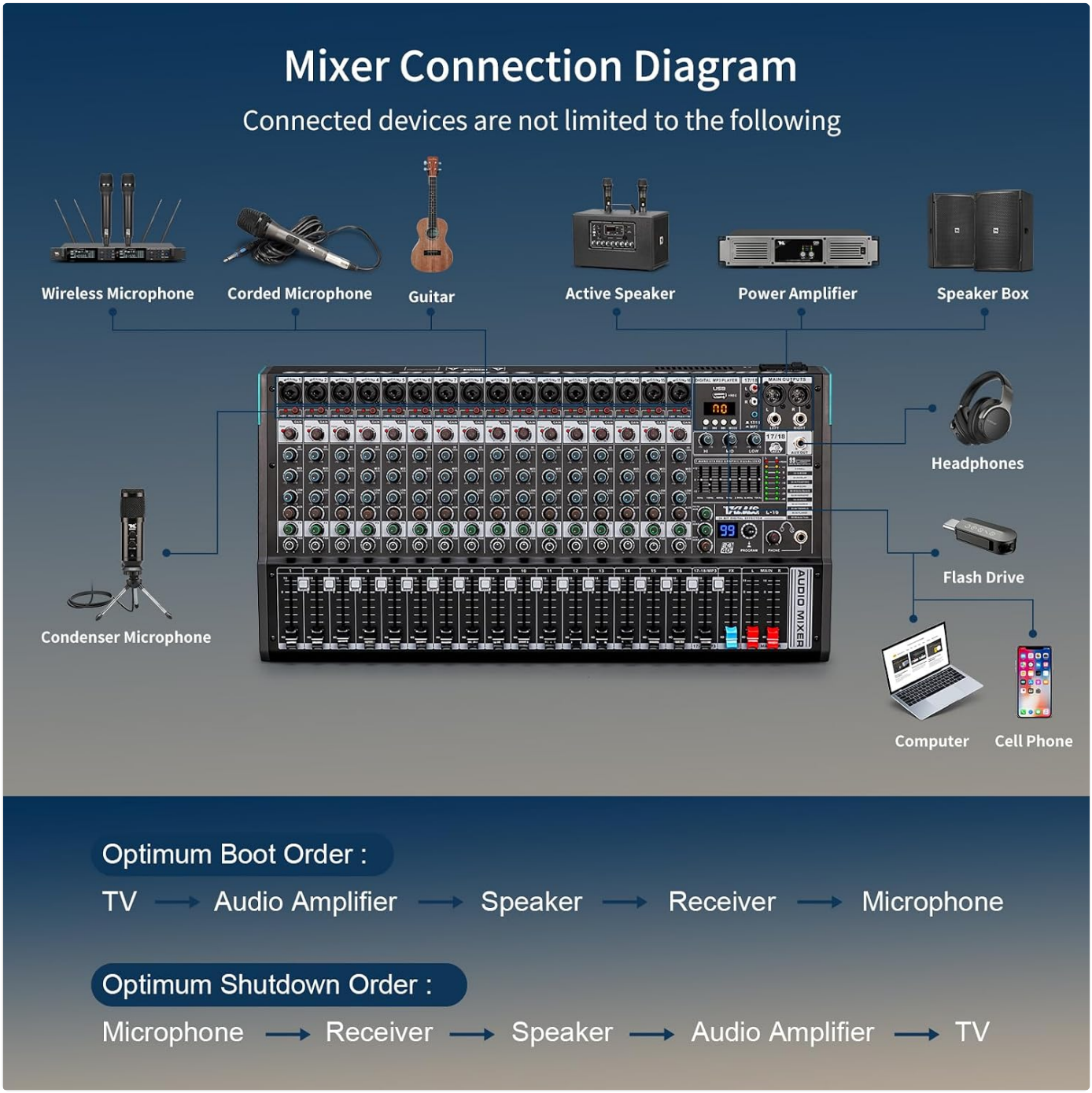


Figure 3: Connection diagram for various audio devices.

This diagram illustrates how to connect various devices such as wireless microphones, corded microphones, guitars, active speakers, power amplifiers, speaker boxes, headphones, flash drives, computers, and cell phones to the TKLBLS L-16 Channel mixer. It also provides optimal boot and shutdown orders for connected equipment.

Your browser does not support the video tag.

Video 1: L series unboxing video. This video provides a visual guide to unboxing the TKLBLS L-series mixer, showing its components and initial setup.

Your browser does not support the video tag.

Video 2: Product Display 1. This video offers a general overview and display of the product's features and design.

Operating Instructions

This section details the operation of the TKLBLS L-16 Channel mixer's various controls.

Channel Controls:

- **Gain Knobs:** Adjust the input sensitivity for each channel.
- **3-Band EQ:** Use the High, Mid, and Low knobs to adjust the frequency response of each channel.
- **AUX Knobs:** Control the amount of signal sent to the auxiliary outputs.
- **FX Knobs:** Adjust the level of the selected DSP effect applied to each channel.
- **Pan/Balance Knobs:** Position the channel's signal within the stereo field.
- **Mute Switches:** Mute individual channels.
- **PFL (Pre-Fader Listen) Buttons:** Monitor individual channels through headphones before the signal reaches the main mix.
- **Channel Faders:** Control the volume level of each individual channel in the main mix.

Master Controls:

- **Main Faders:** Control the overall output volume of the mixer.
- **7-Band Graphic EQ:** Adjust the overall frequency response of the main output.
- **DSP Effects Section:** Select and adjust the 99 built-in digital effects using the dedicated knob and HD screen.
- **USB/MP3 Player Controls:** Navigate tracks, play/pause, and record via USB.
- **Bluetooth Controls:** Pair and control Bluetooth audio playback.



Figure 4: Illustration of the 7-Band Equalizer Adjustment.

This image highlights the 7-Band Equalizer section, demonstrating how to adjust parameters such as bass, midrange, and treble to achieve a clearer and more balanced audio effect for the main output.



Figure 5: Built-In DSP Digital Reverb Effect controls.

This image details the 99 DSP Digital Effects available on the mixer, including Hall, Room, Delay, Ping Pong, Echo, Echo Reverb, Karaoke, Pitch, Chorus, Tremolo, Flange, and Auto Tune. It shows the rotary adjustment knob and LED indicator lights for selecting and confirming effect types.

Your browser does not support the video tag.

Video 3: Operational use 1. This video demonstrates basic operational procedures and control adjustments on the mixer.

Your browser does not support the video tag.

Video 4: Sound quality display. This video showcases the sound quality capabilities of the mixer under various settings.

Specifications

Feature	Detail
Item Weight	12.62 pounds (5.74 Kilograms)

Package Dimensions	26.5 x 16 x 5.5 inches
Item Model Number	L-16 Channel
Power Source	Corded Electric
Number of Channels	16
Connectivity Technology	Bluetooth

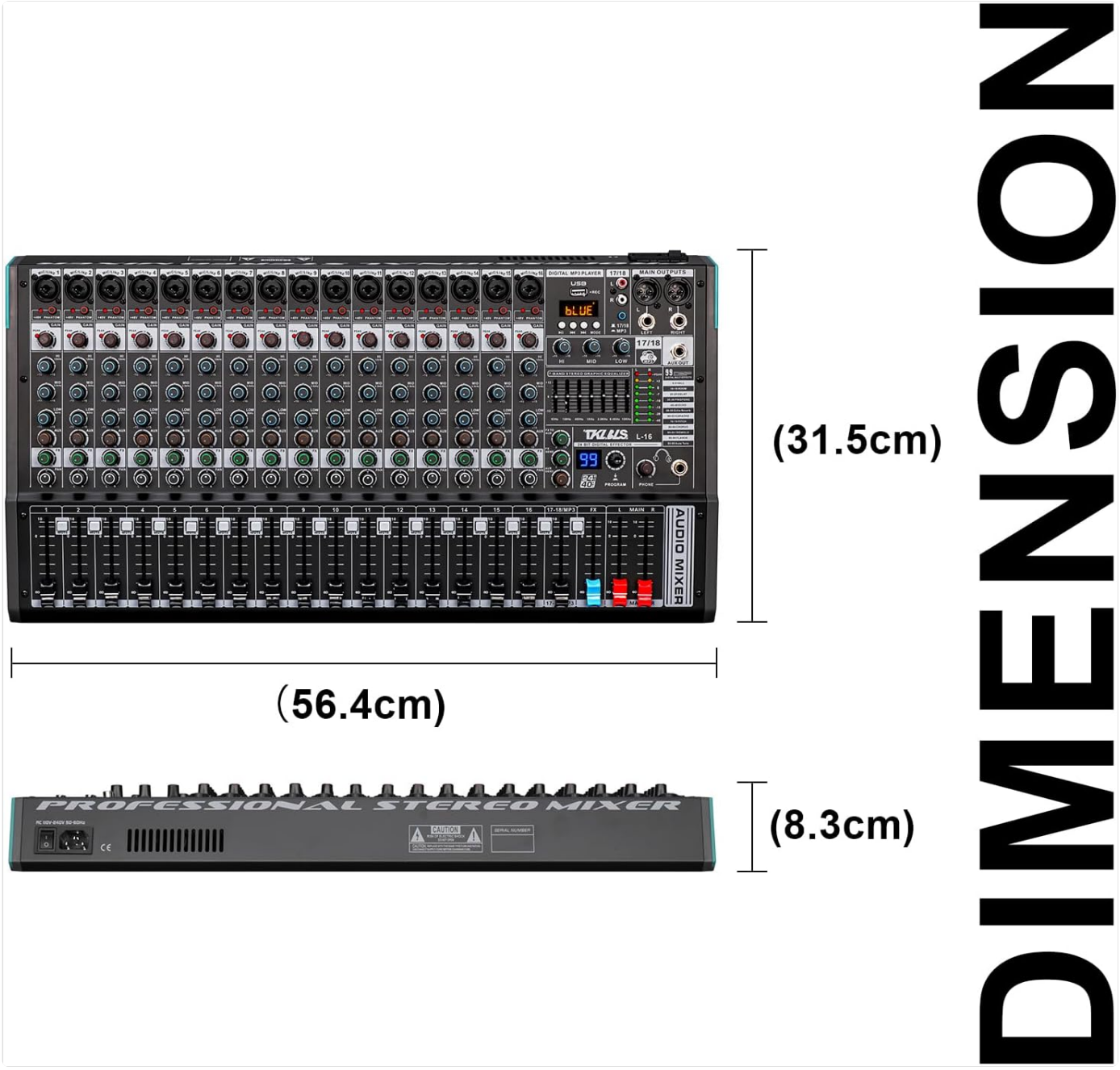


Figure 6: Dimensions of the TKLBLS L-16 Channel mixer.

This image provides the physical dimensions of the mixer, showing its length (56.4cm), width (31.5cm), and height (8.3cm).

Troubleshooting

- **No Sound Output:** Check all cable connections, ensure power is on, and verify channel/master faders are raised.
- **Distorted Sound:** Reduce input gain levels, check EQ settings, and ensure speakers are not overdriven.

- **Bluetooth Connection Issues:** Ensure the mixer's Bluetooth mode is active and your device is within range (15ft). Forget and re-pair the device if necessary.
- **Phantom Power Not Working:** Confirm the 48V button is pressed for the specific channel connected to a condenser microphone.

Maintenance

- Clean the mixer's surface with a soft, dry cloth.
- Avoid using abrasive cleaners or solvents.
- Keep the device free from dust and debris.
- Store in a cool, dry place when not in use.

Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official TKLBLS website. Protection plans are available for extended coverage.

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

Open the live page

https://manuals.plus/asin/B0D5GNCQFJ

More documents and user manuals: **https://manuals.plus/**