

## XTUGA LXT6

# XTUGA LXT6 6-Channel Professional Audio Mixer User Manual

Model: LXT6

## 1. INTRODUCTION

Thank you for choosing the XTUGA LXT6 6-Channel Professional Audio Mixer. This manual provides detailed instructions for the proper setup, operation, and maintenance of your audio mixer. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.



**Image 1.1:** The XTUGA LXT6 6-Channel Professional Audio Mixer, showcasing its various inputs, controls, and outputs.

The XTUGA LXT6 is a versatile audio mixer designed for various applications, including live performances, DJ sets, studio recording, and parties. It features 6 input channels, a built-in 99 DSP effects processor, a 7-band equalizer, independent 48V phantom power for condenser microphones, and Bluetooth connectivity.

## 2. SAFETY INFORMATION

- Do not expose this device to rain or moisture.
- Do not open the casing; refer all servicing to qualified personnel.
- Ensure proper ventilation to prevent overheating.
- Use only the provided power adapter or one with identical specifications.
- Keep the device away from heat sources and direct sunlight.

## 3. SETUP

### 3.1. Power Connection

Connect the provided power cable to the mixer's power input and then to a suitable electrical outlet. The mixer operates on

48 Volts. Ensure the power switch is in the OFF position before connecting.

### 3.2. Microphone and Line Inputs

The XTUGA LXT6 features 4 mono microphone/line inputs and 2 stereo inputs.

- **Mono Inputs (Channels 1-4):** Use XLR or 1/4 inch (6.35mm) TRS/TS cables for microphones or line-level instruments.
- **Stereo Inputs (Channels 5/6):** Use 1/4 inch (6.35mm) TS cables for stereo line-level devices.

## +48V PHANTOM POWER

Independent phantom power for each channel. Support a variety of condenser microphone.



**Image 3.1:** Close-up of the input section, highlighting the +48V phantom power buttons for each mono channel, essential for condenser microphones.

**+48V Phantom Power:** Each mono channel (1-4) has an independent +48V phantom power button. Activate this feature when using condenser microphones. Ensure the microphone is connected before engaging phantom power to prevent damage.

### 3.3. USB/Computer Connection

Connect the mixer to a computer via a USB cable for recording or playback. The mixer is compatible with USB flash drives for MP3 playback and recording.



# SUPPORT USB/COMPUTER

Compatible with USB, Flash reader, MP3, mix and record by connecting your external USB, computer, flash drive.



Image 3.2: Illustration of connecting the mixer to a laptop and a USB flash drive for digital audio functions.

## 3.4. Bluetooth Connection

The mixer supports wireless Bluetooth streaming from devices like smartphones or tablets.

1. Ensure Bluetooth is enabled on your external device.
2. On the mixer's digital display, select the Bluetooth mode.
3. Search for "AEaudio-BT" on your device and pair.
4. Once connected, you can stream audio wirelessly to the mixer.

# WIRELESS BLUETOOTH

One-key connection, more convenient wireless connection,  
more stable transmission.



Image 3.3: Demonstrates a smartphone connected wirelessly to the mixer via Bluetooth for audio playback.

## 3.5. Main Outputs and AUX Outputs

Connect your main speakers or recording devices to the MAIN OUT (XLR or 1/4 inch) ports. The mixer also features two AUX outputs for sending signals to external effects processors or monitor speakers.



# 2 AUX OUTPUTS

Equipped with AUX output, adjustable effect function.



Image 3.4: Highlights the AUX1 and AUX2 output controls, indicating their use for adjustable effect functions or external monitoring.

## 4. OPERATING INSTRUCTIONS

### 4.1. Channel Controls

Each input channel (1-6) features dedicated controls for gain, equalization, and effects sends.

- **GAIN:** Adjusts the input sensitivity for each channel. Set this to achieve a strong signal without clipping (PEAK LED indicator).
- **EQ (High, Mid, Low):** Three-band equalizer for shaping the tone of each channel.
- **AUX1/AUX2/FX:** Sends for external effects or monitor mixes.
- **PAN:** Adjusts the stereo position of the channel.
- **VOLUME FADER:** Controls the output level of the channel to the main mix.

### 4.2. DSP Effects Processor

The mixer includes a high-quality 99 DSP effects processor.

1. Use the **PROGRAM** knob to select from the 99 available effects.
2. Adjust the **PARAMETER** knob to fine-tune the selected effect.
3. Use the **FX** send controls on individual channels to apply effects to specific inputs.



**Image 4.1:** Illustrates the DSP effects section, showing the PROGRAM and PARAMETER knobs for selecting and adjusting the 99 built-in effects.

### 4.3. 7-Band Graphic Equalizer

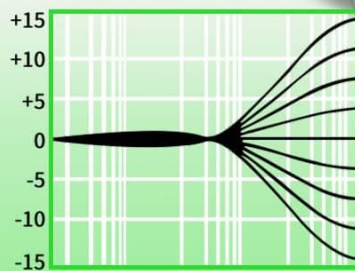
The master section features a 7-band graphic equalizer for precise control over the overall sound output.

- Adjust the faders for each frequency band (60Hz, 160Hz, 400Hz, 1KHz, 2.5KHz, 6.3KHz, 12KHz) to shape the main mix.
- This allows for detailed sound sculpting, enhancing clarity and precision.

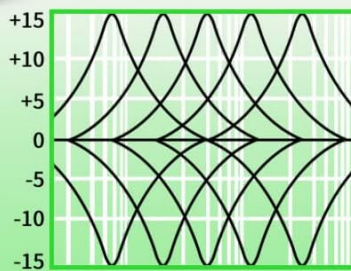


# 7-BAND EQUALIZATION

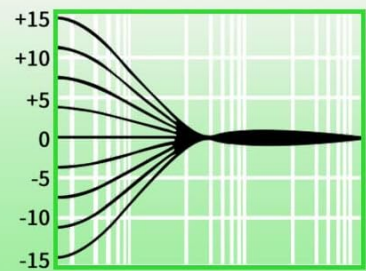
7-segment equalization can show the sound effect more nuanced.



HI EQ  $\pm 15$ sB boost/cut above 12kHz



Mid EQ sewwps from 250kHz to 6kHz,  $\pm 15$ sB boost/cut



Lo EQ  $\pm 15$ sB boost/cut below 80kHz

**Image 4.2:** Displays the 7-band graphic equalizer section, showing the frequency bands and their corresponding faders for master output adjustment.

## 4.4. USB Playback and Recording

The integrated digital audio player supports MP3 playback from a U-DISK (USB flash drive). It also features a REC function, allowing you to record your mix directly to a USB drive.

- Insert a USB flash drive into the USB port.
- Use the MODE button to switch between playback and recording functions.
- For playback, navigate tracks using the control buttons.
- For recording, press the REC button to start and stop recording.

## 5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the mixer. Do not use liquid cleaners or solvents.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.



- **Cable Management:** Ensure all cables are properly coiled and stored to prevent damage.
- **Ventilation:** Always ensure the mixer has adequate ventilation during operation to prevent overheating.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	<ul style="list-style-type: none"><li>◦ Power not connected or turned on.</li><li>◦ Main faders or channel faders are down.</li><li>◦ Cables are incorrectly connected or faulty.</li><li>◦ Input gain too low.</li></ul>	<ul style="list-style-type: none"><li>◦ Check power connection and switch.</li><li>◦ Raise main and channel faders.</li><li>◦ Verify all audio cable connections and test cables.</li><li>◦ Increase input GAIN.</li></ul>
Distorted sound	<ul style="list-style-type: none"><li>◦ Input gain too high (PEAK LED active).</li><li>◦ Output level too high.</li><li>◦ Faulty cable or speaker.</li></ul>	<ul style="list-style-type: none"><li>◦ Reduce input GAIN until PEAK LED no longer flashes.</li><li>◦ Lower main output faders.</li><li>◦ Test with different cables/speakers.</li></ul>
Phantom power not working	<ul style="list-style-type: none"><li>◦ Phantom power button not engaged.</li><li>◦ Microphone not compatible with phantom power.</li></ul>	<ul style="list-style-type: none"><li>◦ Press the +48V button for the respective channel.</li><li>◦ Ensure you are using a condenser microphone that requires phantom power.</li></ul>
Bluetooth connection issues	<ul style="list-style-type: none"><li>◦ Bluetooth not enabled on device or mixer.</li><li>◦ Device too far from mixer.</li><li>◦ Interference.</li></ul>	<ul style="list-style-type: none"><li>◦ Ensure Bluetooth is active on both devices.</li><li>◦ Move device closer to the mixer.</li><li>◦ Reduce other wireless interference.</li></ul>

## 7. SPECIFICATIONS

Brand	XTUGA
Model	LXT6
Number of Channels	6 (4 Mono microphone inputs and 2 Stereo inputs)
Connectivity Technology	USB, Bluetooth
Power Source	Electric Cable
Voltage	48 Volts
Output Connector Type	XLR, 1/4 inch (6.35mm)
Package Dimensions	33.7 x 31.7 x 8.9 cm
Item Weight	2.1 Kilograms
DSP Effects	99 high-quality effects
Equalizer	7-band graphic equalizer

## 8. WARRANTY AND SUPPORT

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XTUGA Audio products come with a **12-month manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

For technical support, warranty claims, or any inquiries regarding your XTUGA LXT6 mixer, please contact XTUGA customer service. Refer to the product packaging or the official XTUGA website for the most current contact information. Please have your product model and purchase date available when contacting support.