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## XTUGA 6EV

# XTUGA 6EV Audio Mixer User Manual

Professional Digital Bluetooth Audio Mixer

## INTRODUCTION

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This manual provides comprehensive instructions for the setup, operation, and maintenance of your XTUGA 6EV Audio Mixer. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage. The XTUGA 6EV is a versatile 6-channel audio mixer featuring 16 DSP effects, a 7-band EQ, Bluetooth connectivity, +48V phantom power, and USB sound card capabilities, suitable for studio recording, DJ stages, and live streaming applications.



Figure 1: Front view of the XTUGA 6EV Audio Mixer, showing all controls and input/output ports.

## PRODUCT FEATURES

- **6-Channel Input:** Includes 4 MIC Mono inputs and 1 Stereo input (channels 5/6).
- **+48V Phantom Power:** Independent phantom power selection for each microphone channel, supporting condenser microphones.
- **Bluetooth Connectivity:** Wirelessly stream audio from mobile phones, tablets, and other smart devices.
- **USB/MP3 Playback & Recording:** Digital display MP3 player with U-DISK input and recording function.
- **16 DSP Effects:** Built-in digital signal processing with 16 effects for enhanced audio.
- **7-Band EQ Control:** Precise 7-band graphic equalizer for overall volume adjustment and sound shaping.
- **USB Sound Card Functionality:** Connect directly to a computer via USB for mixing and recording.

# SETUP GUIDE

## 1. Unpacking and Inspection

Carefully remove all components from the packaging. Verify that all items listed in the packing list are present:

- XTUGA 6EV Audio Mixer Unit (x1)
- Power Adapter (x1)
- User Manual (x1)

Inspect the mixer for any signs of physical damage. If any components are missing or damaged, contact customer support immediately.

## 2. Power Connection

1. Ensure the mixer's power switch is in the OFF position.
2. Connect the provided power adapter to the "Power socket" (19) on the rear panel of the mixer.
3. Plug the power adapter into a suitable electrical outlet.



Figure 2: Labeled diagram of the XTUGA 6EV Audio Mixer controls and ports. Refer to this diagram for component identification.

1. Mic input jacks
2. Phantom +48V switch
3. Gain control
4. High control
5. Mid control
6. Low control
7. FX control
8. Peak control
9. 5/6 and USB switch
10. Stereo input
11. Computer/USB switch
12. Headphone jack
13. Main output
14. USB
15. MP3 control
16. Main control
17. Echo time adjustment, Effect adjustment, Monitor volume adjustment
18. Power
19. Power socket

### 3. Connecting Inputs

Connect your microphones, instruments, or other audio sources to the appropriate input jacks.

- **Microphones:** Connect XLR or 1/4" TRS cables from your microphones to the "Mic input jacks" (1) on channels 1-4.
- **Phantom Power:** For condenser microphones requiring +48V phantom power, activate the "Phantom +48V switch" (2) for the respective channel. Ensure the microphone is connected before activating phantom power.
- **Stereo Input:** Use the "Stereo input" (10) for connecting stereo line-level devices.

# +48V PHANTOM POWER

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



It supports various condenser microphones with high performance sound reduction.

Figure 3: Illustration showing the independent +48V phantom power selection for each microphone channel.

## 4. Connecting Outputs

- **Main Outputs:** Connect your speakers or amplifier to the "Main output" (13) (L/R) using appropriate cables.
- **Headphones:** Connect headphones to the "Headphone jack" (12) for monitoring.

## OPERATING INSTRUCTIONS

### 1. Basic Operation

1. Turn on the mixer using the "Power" (18) switch.
2. Adjust the "Gain control" (3) for each input channel to achieve an optimal input level without clipping (indicated by the "Peak control" (8) light).
3. Use the "High control" (4), "Mid control" (5), and "Low control" (6) to adjust the equalization for each channel.
4. Adjust the individual channel "Level" controls to balance the mix.
5. Control the overall output volume using the "Main control" (16).

## 2. Bluetooth Functionality

1. Press the "5/6 and USB switch" (9) to select the Bluetooth input. The digital display will show "BT".
2. On your smart device, search for Bluetooth devices and select "SHERIFF" to pair.
3. Once paired, you can stream audio from your device to the mixer.

# WIRELESS BLUETOOTH

Compatible with smart devices



Figure 4: The XTUGA 6EV Audio Mixer connected wirelessly via Bluetooth to a smartphone.

## 3. USB/MP3 Playback and Recording

1. Insert a USB flash drive into the "USB" (14) port.
2. Use the "MP3 control" (15) buttons (UP, DOWN, MENU) to navigate and play audio files.
3. To record, ensure a USB drive is inserted and follow the recording instructions in the MP3 control menu.

# SUPPORT USB/COMPUTER

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



Figure 5: The XTUGA 6EV Audio Mixer connected to a computer via USB, demonstrating its sound card capabilities for mixing and recording.

## 4. DSP Effects

1. The mixer features 16 built-in DSP effects.
2. Use the "Effect adjustment" (17) knob to select the desired effect number (1-16) displayed on the screen.
3. Adjust the "FX control" (7) on each channel to send the signal to the effects processor.
4. The "Echo time adjustment" (17) can be used to fine-tune certain effects.

# REVERB ADJUSTMENT

Built-in 16 DSP reverb effects



Figure 6: Detail of the DSP effects section, showing the digital display for effect selection and adjustment.

## 5. 7-Band Equalization

The 7-band graphic equalizer allows for precise shaping of the overall sound output.

- Adjust the sliders for each frequency band (63Hz, 150Hz, 400Hz, 1KHz, 2.5KHz, 6.4KHz, 15KHz) to boost or cut specific frequencies.
- This control affects the main output signal.

# 7-BAND EQUALIZATION

7-segment equalization can show the sound effect more nuanced

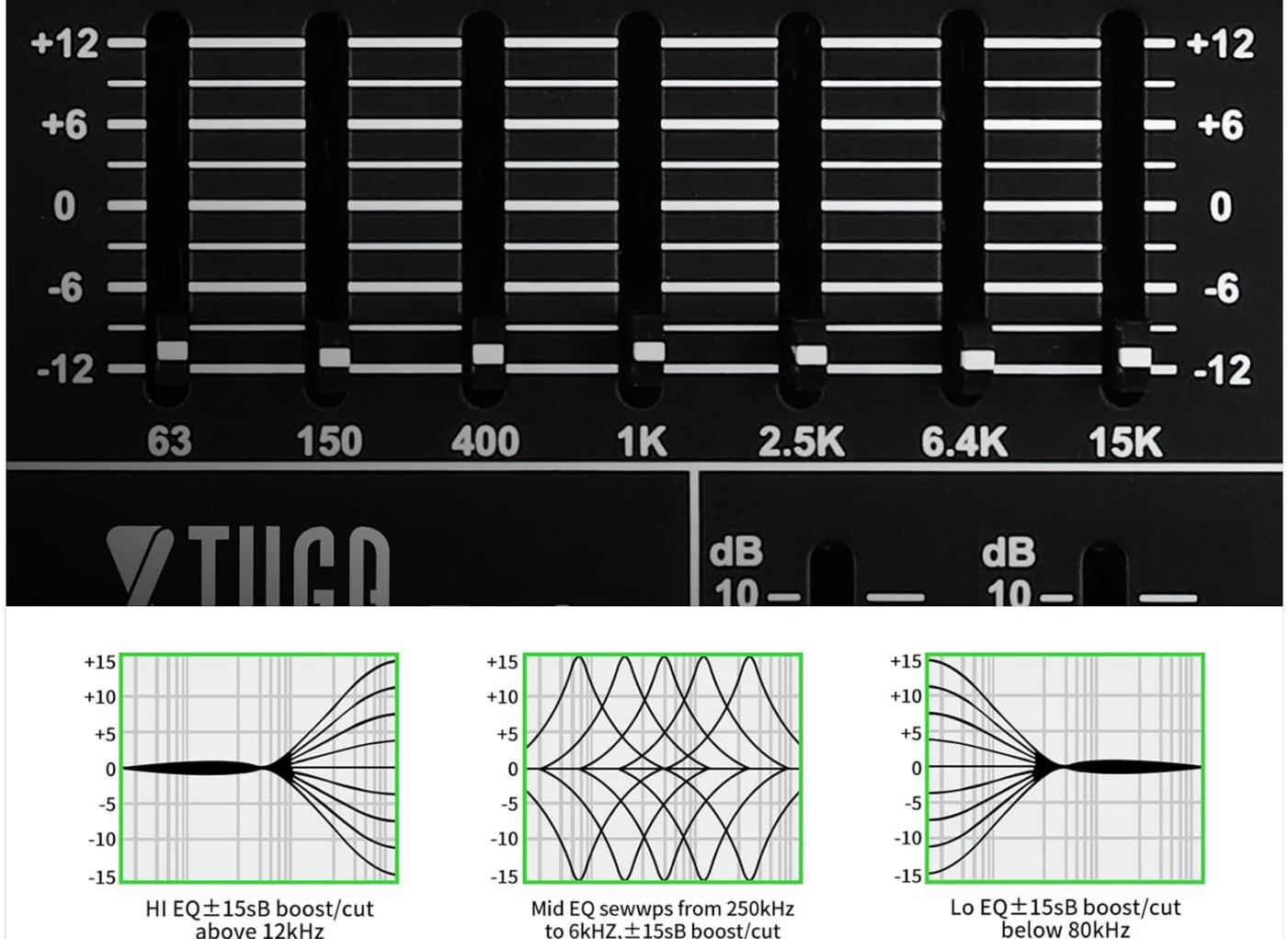


Figure 7: Close-up view of the 7-band equalization section, illustrating the frequency bands and their adjustment range.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Do not use liquid cleaners or solvents.
- **Storage:** When not in use for extended periods, store the mixer in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure proper ventilation around the unit during operation to prevent overheating. Do not block ventilation openings.
- **Cable Management:** Keep cables organized and avoid sharp bends or excessive tension to prevent damage to connectors and ports.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Power adapter not connected; Power outlet faulty; Power switch off.	Ensure power adapter is securely connected. Try a different power outlet. Turn the power switch ON.
No sound output	Main volume too low; Speaker/amplifier not connected or off; Incorrect input selection; Channel level too low.	Increase "Main control" (16) volume. Check speaker/amplifier connections and power. Verify correct input source is selected. Increase individual channel "Level" controls.
Microphone not working	Microphone not connected; Phantom power not enabled (for condenser mics); Gain too low; Faulty cable/microphone.	Check microphone connection to "Mic input jacks" (1). Enable "Phantom +48V switch" (2) if needed. Increase "Gain control" (3). Test with a different cable or microphone.
Bluetooth connection issues	Mixer not in Bluetooth mode; Device not paired; Interference.	Ensure "5/6 and USB switch" (9) is set to Bluetooth. Re-pair the device. Move closer to the mixer or reduce interference sources.
Distorted sound	Input gain too high; Output volume too high; EQ settings incorrect.	Reduce "Gain control" (3) to prevent "Peak control" (8) light from illuminating. Lower "Main control" (16). Adjust EQ settings.

## SPECIFICATIONS

Feature	Detail
Model Number	6EV
Brand	XTUGA
Number of Channels	6 (4 Mono Mic/Line, 1 Stereo Line)
DSP Effects	16 Built-in Effects
Equalization	7-Band Graphic EQ (Main Output)
Phantom Power	+48V (Switchable per channel)
Connectivity	Bluetooth, USB (for MP3 playback/recording and computer connection)
Power Source	Corded Electric
Item Weight	2.95 pounds (1.34 Kilograms)
Package Dimensions	12.36 x 11.65 x 3.54 inches
Country of Origin	China

## WARRANTY AND SUPPORT

XTUGA products are designed for reliability and performance. For warranty information and technical support, please refer to the official XTUGA website or contact your local distributor.

The packing list mentions "Devoted Service" and "user manual\*1". While specific warranty terms are not provided, the brand emphasizes customer support.

For further assistance, you may visit the [XTUGA Store on Amazon](#).

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