

XTUGA AM6

XTUGA AM6 6-Channel Audio Mixer Instruction Manual

Model: AM6

1. PRODUCT OVERVIEW

The XTUGA AM6 is a compact and versatile 6-channel audio mixing console designed for various applications including home music production, webcasting, and karaoke. It features two mono channels, one stereo tape channel, and an AUX-bus main channel output. The mixer integrates Bluetooth connectivity, USB recording capabilities, 48V phantom power for condenser microphones, and built-in effects.

Key Features:

- Professional 6-channel mixing console with monitor paths and effects processor.
- AUX-bus main channel output and one AUX output with backtrack.
- 2-band EQ for each input channel.
- Built-in professional reverb effects.
- 2-bus electronic balanced display.
- XLR and 6.5mm phone type input jacks for microphones and instruments.
- Integrated +48V phantom power for condenser microphones.
- High-definition headset output port.
- MP3 playback and sound card function for computer connectivity.
- Bluetooth technical support for wireless audio streaming.
- USB bus powered or mobile battery operation for portability.



Figure 1: Front view of the XTUGA AM6 6-Channel Audio Mixer, showing all controls and input/output ports.

2. PACKAGE CONTENTS

Before proceeding with setup, please verify that all items are present in the package:

- XTUGA AM6 Audio Mixer
- Instruction Manual
- Power Adapter / USB Cable



Figure 2: Contents of the XTUGA AM6 product package.

3. SETUP AND CONNECTIONS

3.1 Powering the Mixer

The AM6 mixer offers flexible power options:

- **USB Bus Power:** Connect the mixer to a computer via USB. Ensure the USB power supply provides more than 1.5A current and a voltage greater than 5V.
- **Mobile Battery (Power Bank):** Use a compatible power bank for portable operation.
- **Power Adapter:** Connect using the provided power adapter.



Figure 3: Various power supply methods for the XTUGA AM6 mixer.

3.2 Input Connections

The mixer supports various input sources:

- **Microphones:** Use XLR or 6.5mm (1/4 inch) phone type plugs for microphone inputs on channels 1-4.
- **Line-Level Instruments:** Connect electronic keyboards or other audio equipment using the stereo input jacks (phone type or RCA pin type).



Figure 4: Examples of 6.5mm (left) and XLR (right) input connections.

3.3 Phantom Power (+48V)

For condenser microphones, activate the +48V phantom power switch. This supplies the necessary power for their operation. Ensure dynamic microphones are not connected when phantom power is active, unless they are designed to handle it.

48V PHANTOM POWER

FULL SUPPORT FOR
CONDENSER MICROPHONE



Figure 5: The +48V Phantom Power feature, essential for condenser microphones.

3.4 Output Connections

- **Main Output:** Connect to amplifiers, powered speakers, or recording devices.
- **Headset Output:** Use for monitoring audio with headphones.
- **AUX Output:** For sending audio to external effects processors or monitoring systems.

4. OPERATING INSTRUCTIONS

4.1 Basic Mixing Controls

- **GAIN:** Adjusts the input sensitivity for each channel. Set this to achieve a strong signal without clipping (indicated by the PEAK LED).
- **HIGH/LOW EQ:** 2-band equalizer for adjusting the treble and bass frequencies of each input channel.
- **EFX:** Controls the amount of signal sent to the built-in effects processor.
- **VOL:** Adjusts the output volume for each individual channel.
- **MAIN:** Controls the overall output volume of the mixer.
- **DELAY/REPEAT:** Adjusts the parameters of the built-in reverb effect.

4.2 Bluetooth Connectivity

To connect a Bluetooth device:

1. Ensure the mixer is powered on.
2. Activate Bluetooth mode on the mixer (refer to the display for "BT" status).
3. On your mobile device, search for available Bluetooth devices and select "XTUGA AM6" (or similar).
4. Once paired, you can stream audio wirelessly to the mixer. The effective range is approximately 4-8 meters without obstacles.

CONNECTION

Mobile phone Bluetooth wireless connection to listen to sing/network live karaoke



Figure 6: Connecting a mobile phone via Bluetooth to the XTUGA AM6 mixer.

4.3 USB Playback and Recording

The AM6 mixer supports both USB playback and recording functions.

- **U-Disk (USB Drive) Playback:** Insert a USB drive containing MP3, WAV, WMA, or FLAC audio files into the USB port. Use the mixer's controls to navigate and play tracks.
- **U-Disk (USB Drive) Recording:** The mixer can record directly to a connected USB drive.
- **Computer Connectivity (Sound Card Function):** Connect the mixer to a computer via USB. The mixer will function as an external sound card, allowing for audio input and output with your computer. Press the "MODE/BT" button to switch to USB status, which will be indicated as "PC" on the display.



Figure 7: Connecting the mixer to a computer for sound card functionality.

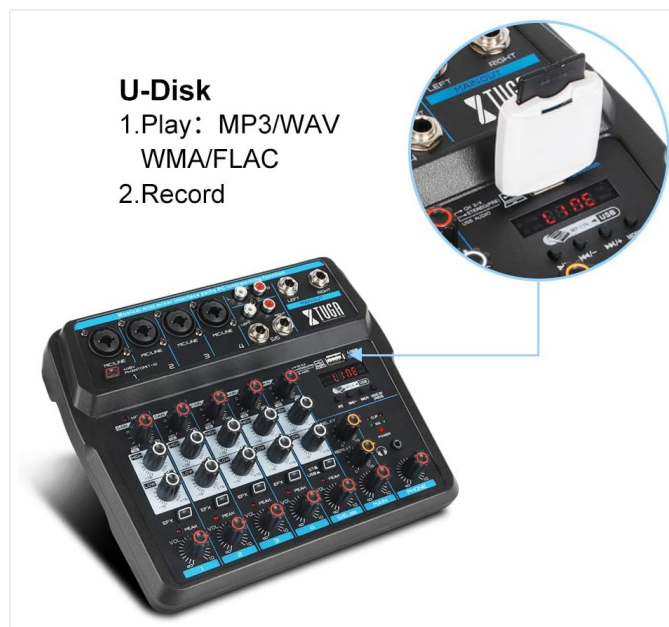


Figure 8: Using a U-Disk for audio playback and recording.

4.4 Application Scenarios

The XTUGA AM6 mixer is compatible with a wide range of devices and suitable for various setups:



Figure 9: Illustrates the versatility of the AM6 mixer with connections to computers, notebooks, amplifiers, headphones, phones, and speakers.

5. MAINTENANCE

To ensure the longevity and optimal performance of your XTUGA AM6 mixer, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Avoid using abrasive cleaners, solvents, or waxes, as these can damage the finish and controls.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Handle the mixer with care. Avoid dropping it or subjecting it to strong impacts.
- **Ventilation:** Ensure proper ventilation around the mixer to prevent overheating. Do not block any ventilation openings.
- **Power Off:** Always power off the mixer and disconnect it from the power source when not in use for extended periods or during electrical storms.

6. TROUBLESHOOTING

If you encounter issues with your XTUGA AM6 mixer, refer to the following common troubleshooting steps:

- **No Power:**
 - Check if the power adapter is securely connected to both the mixer and a working power outlet.
 - If using USB power, ensure the USB cable is connected correctly and the power source (computer or power bank) meets the minimum current (1.5A) and voltage (5V) requirements.
- **No Sound Output:**
 - Verify that all volume controls (GAIN, VOL, MAIN) are turned up appropriately.
 - Check all input and output cables for secure connections.
 - Ensure the connected speakers or headphones are powered on and functioning correctly.
 - If using a computer as a sound card, check the audio settings on your computer to ensure the mixer is selected as the input/output device.
- **Distorted Sound:**
 - Reduce the GAIN levels for input channels if the PEAK LED is frequently lighting up.
 - Check the volume levels of connected devices to avoid overdriving the mixer's inputs.
 - Ensure cables are not damaged or faulty.
- **Bluetooth Connection Issues:**
 - Ensure the mixer is in Bluetooth mode.
 - Move the Bluetooth device closer to the mixer to ensure it's within the 4-8 meter range.
 - Try unpairing and re-pairing the device.
 - Ensure no other devices are interfering with the Bluetooth signal.
- **Phantom Power Not Working:**
 - Ensure the +48V phantom power switch is engaged.
 - Verify that your condenser microphone is properly connected and functional.

7. SPECIFICATIONS

Feature	Specification
Model Number	AM6
Number of Channels	6 (2 Mono, 1 Stereo Tape)
Item Weight	658 g
Product Dimensions	28 x 25 x 10 cm
Power Source Type	Corded Electric, USB Bus Power, Mobile Battery
Connectivity Technology	USB, Bluetooth
Audio Input	Auxiliary, RCA, USB
Output Connector Type	Auxiliary, RCA, USB

Feature	Specification
Phantom Power	+48V (for channels 1-4)
EQ	2-band (High, Low) per channel
Effects	Built-in Reverb (Delay, Repeat)
Bluetooth Range	4-8 meters (without obstacle)
USB Playback Formats	MP3, WAV, WMA, FLAC
UPC	784124158785

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact XTUGA customer service directly. Keep your proof of purchase for any warranty claims.

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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

