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XTUGA TS11 11 Channel Mixer

XTUGA TS11 Professional 11 Channel Audio Mixer

MODEL: TS11 11 CHANNEL MIXER

Product Overview

The XTUGA TS11 is a professional 11-channel audio mixer designed for a wide range of applications, including studio recording, live DJ performances, stage events, and parties. It features 9 mono microphone/line inputs and 1 stereo input, offering versatile connectivity for various audio sources. Equipped with 99 built-in DSP effects, a 7-band graphic equalizer, independent +48V phantom power, and Bluetooth functionality, the TS11 provides comprehensive control over your audio. Its USB interface allows for direct recording and playback, making it a powerful tool for audio professionals and enthusiasts alike.



Figure 1: Front view of the XTUGA TS11 Professional 11 Channel Audio Mixer, showcasing its comprehensive control layout.

Key Features

- **11-Channel Input:** Includes 9 MIC Mono inputs and 1 Stereo input, providing extensive connectivity for various audio sources.
- **+48V Phantom Power:** Each channel features independent +48V phantom power, enabling compatibility with condenser microphones and wired microphones simultaneously.
- **Multi-format Play Support:** Integrated Bluetooth function allows wireless audio streaming from mobile phones, tablets, and other devices. Features a digital display MP3 player with U-DISK MP3 input and REC function for recording directly to a USB flash drive.
- **Built-in 99 DSP Effects Processor:** Offers 99 high-quality digital signal processing effects, allowing users to select appropriate effects for different scenarios, enhancing live performances and recordings.
- **7-Band EQ Control:** An effective and musical 7-band balanced total volume adjustment provides precise control over sound quality, ensuring accurate, crisp, and clear audio output.
- **Independent Mute Switch:** Each channel is equipped with a dedicated mute switch for quick and precise control over individual audio inputs.
- **AUX Sends Channel Function:** Provides auxiliary send capabilities for external effects or monitor mixes.

Setup Guide

Follow these steps to set up your XTUGA TS11 mixer for optimal performance.

1. **Unboxing and Inspection:** Carefully remove the mixer and all accessories from the packaging. Inspect for any signs of damage during transit. The package typically includes the TS11 mixer, a power adapter, and an instruction manual.

TS11 PRODUCT LIST



Figure 2: The XTUGA TS11 mixer with its dimensions and typical package contents, including the power cable and instruction manual.

2. **Power Connection:** Connect the provided power adapter to the mixer's power input and then to a suitable electrical outlet. Ensure the mixer's power switch is in the OFF position before connecting to power.
3. **Connecting Audio Sources:**
 - **Microphones:** Connect XLR or 1/4" TRS cables from your microphones to the respective MIC/LINE input jacks (Channels 1-9). For condenser microphones, activate the +48V phantom power for the specific channel.

9 MONO+2 STEREO INPUTS



Figure 3: Close-up view of the input section, highlighting the 9 mono and 2 stereo input channels available on the XTUGA TS11 mixer.

+48V PHANTOM POWER

Each channel has an independent 48v phantom power. Microphone and dynamic microphones can be used together.

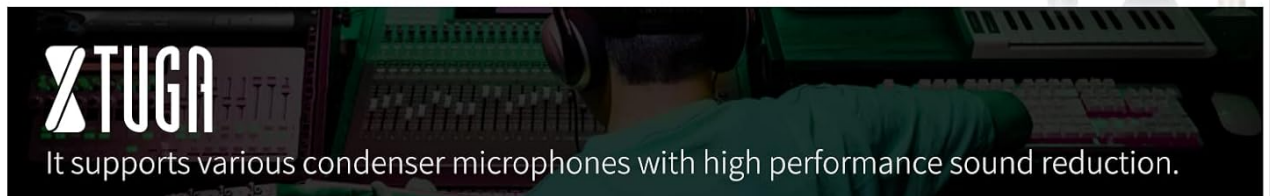


Figure 4: Illustration showing the independent +48V phantom power switch for each channel, allowing simultaneous use of condenser and dynamic microphones.

- **Line-Level Devices:** Connect instruments (keyboards, guitars with preamps), CD players, or other line-level devices to the 1/4" TRS LINE inputs. Stereo sources can be connected to Channel 10/11.

4. Connecting Output Devices:

- **Main Output:** Connect your powered speakers or amplifier to the MAIN OUT (XLR or 1/4" TRS) jacks.
- **Headphones:** Connect your headphones to the PHONES jack for monitoring.
- **AUX Output:** Use the AUX OUT for connecting to stage monitors or external effects processors.

5. **Initial Power-On:** Once all connections are secure, switch the mixer's power to the ON position. The power indicator light should illuminate.

Operating Instructions

Understanding the controls and functions of your TS11 mixer is crucial for effective audio mixing.

Channel Controls (Channels 1-9, 10/11)

- **GAIN Knob:** Adjusts the input sensitivity for each channel. Set this to achieve a strong signal without clipping (indicated by the PEAK LED).
- **EQ (HIGH, MID, LOW) Knobs:** These three-band equalizers allow you to shape the tone of each input. Adjust HIGH for treble, MID for midrange, and LOW for bass frequencies.
- **AUX Knob:** Controls the amount of signal sent from the channel to the AUX output, typically used for monitor mixes or external effects.
- **FX Knob:** Controls the amount of signal sent from the channel to the internal DSP effects processor.
- **PAN Knob:** Adjusts the stereo position of the channel's signal (left to right).
- **MUTE Button:** Mutes the audio output of the individual channel.

INDEPENDENT MUTE SWITCH



Figure 5: Detail of the independent mute switches located on each channel strip, allowing for quick silencing of individual inputs.

- **Channel Fader:** Controls the overall volume level of the individual channel in the main mix.

Master Section Controls

- **MAIN Faders (L/R):** Control the overall output volume of the main stereo mix.
- **PHONES Knob:** Adjusts the volume of the headphone output.
- **AUX OUT Knob:** Controls the master volume for the AUX output.

- **7-Band Graphic Equalizer:** Located in the master section, this EQ allows for fine-tuning the overall frequency response of the main mix. Adjust the sliders for specific frequency bands to shape the final sound.
- **DSP Effects Section:**
 - **PROGRAM Knob:** Rotates to select one of the 99 built-in DSP effects. The selected effect number will be displayed.
 - **PROGRAM Button:** Press to confirm the selected effect.
 - **FX Fader:** Controls the overall level of the applied DSP effects in the main mix.



Figure 6: The DSP effects section, illustrating the PROGRAM knob for selecting from 99 built-in effects and how to apply them.

Digital MP3 Player / USB Interface

- **USB Port:** Insert a USB flash drive for MP3 playback or connect to a computer for recording/playback.

SUPPORT USB/COMPUTER



Figure 7: The USB interface, demonstrating how to connect a USB flash drive for MP3 playback or a computer for recording and playback.

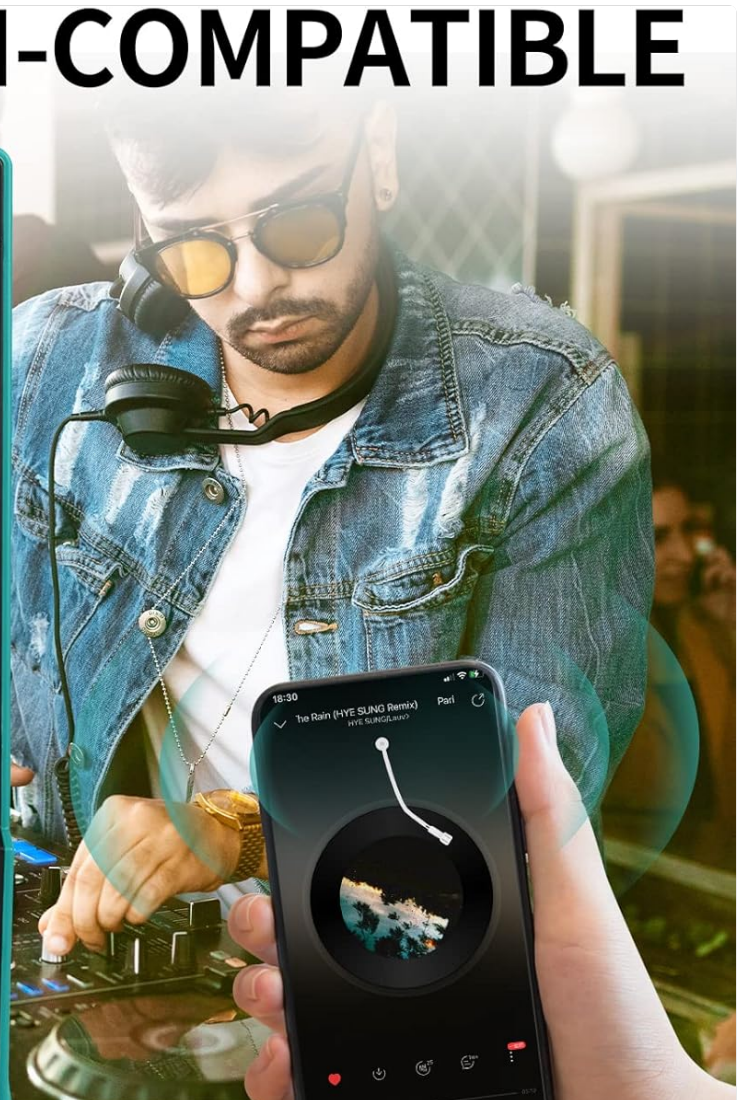
- **MODE Button:** Switches between different modes (e.g., USB playback, Bluetooth).
- **Playback Controls:** Standard play/pause, next/previous track buttons for USB playback.
- **REC Function:** Allows recording the main mix directly to a connected USB flash drive.

Bluetooth Connectivity

The TS11 features built-in Bluetooth for wireless audio streaming.

1. Ensure the mixer is powered on.
2. Press the MODE button on the digital MP3 player section until "BT" or "Bluetooth" is displayed.
3. On your mobile device (smartphone, tablet, etc.), search for Bluetooth devices. The mixer will appear as "MIX-MP3 BT".
4. Select "MIX-MP3 BT" to pair. Once paired, you can stream audio wirelessly to the mixer.

BLUETOOTH-COMPATIBLE



Search bluetooth : MIX-MP3 BT

Figure 8: Visual representation of the Bluetooth connectivity feature, showing a smartphone paired with the mixer for wireless audio streaming.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your XTUGA TS11 mixer.

- **Cleaning:** Regularly wipe the mixer's surface with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and then dry thoroughly. Avoid using abrasive cleaners, solvents, or strong chemicals, as they can damage the finish and internal components.
- **Dust Protection:** When not in use, cover the mixer with a dust cover to prevent dust and debris from accumulating on controls and entering internal circuitry.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Cable Management:** Ensure all cables are neatly organized and not under strain. Avoid bending cables sharply or placing heavy objects on them.
- **Ventilation:** Ensure proper airflow around the mixer to prevent overheating. Do not block ventilation openings.

Troubleshooting

This section addresses common issues you might encounter with your XTUGA TS11 mixer.

Problem	Possible Cause	Solution
No sound output from main speakers.	Main faders are down; speakers are off or disconnected; incorrect input/output routing.	Raise MAIN L/R faders. Check speaker power and connections. Verify correct cables are used for main output.
No sound from a specific channel.	Channel fader is down; channel is muted; GAIN knob too low; faulty cable or microphone.	Raise channel fader. Ensure MUTE button is disengaged. Increase GAIN. Test with a different cable/microphone.
Distorted sound.	GAIN knob set too high (clipping); input signal too hot; faulty cable.	Reduce GAIN. Ensure input source level is not too high. Replace faulty cables.
Phantom power not working for condenser mic.	+48V button not engaged for the channel; faulty microphone or cable.	Press the +48V button for the specific channel. Ensure you are using an XLR cable. Test with another condenser mic.
Bluetooth pairing issues.	Mixer not in Bluetooth mode; device too far; interference.	Ensure mixer is in "BT" mode. Move device closer. Restart both mixer and device.
USB recording/playback issues.	Incorrect USB drive format; USB cable issue; computer driver issue.	Ensure USB drive is formatted correctly (FAT32). Use a high-quality USB cable. For computer connection, ensure necessary drivers are installed (usually plug-and-play). Note: The USB output to a computer is typically mono, summing both left and right channels. For Macbooks with USB-C, a USB-A male to male cord connected to a USB-C male to USB-A female converter is often required for proper recognition.

Specifications

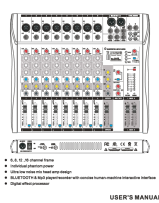


Feature	Specification
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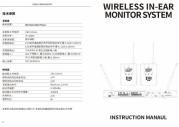
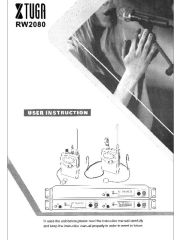
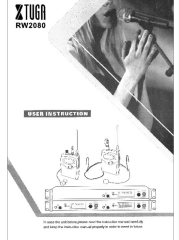
Feature	Specification
Item Weight	2.62 Kilograms
Package Dimensions	46.99 x 39.12 x 13.97 cm
Item Model Number	TS11 11 Channel Mixer
Hardware Interface	Bluetooth, USB
Power Source	Corded Electric
Voltage	48 Volts (for Phantom Power)
Number of Channels	11 (9 Mono MIC/LINE + 1 Stereo)
DSP Effects	99 Built-in Effects
Equalizer	7-band Graphic EQ

Warranty and Support

XTUGA Audio products come with a 12-month manufacturer assurance. For any product-related inquiries, technical support, or warranty claims, please contact XTUGA customer service through their official website or the retailer where the product was purchased. Please have your product model number and purchase details ready when contacting support.

Related Documents - TS11 11 Channel Mixer

	<p>XTUGA Audio Mixers: User Manual and Specifications for 120CT, 80CT, 60CT, and 80S Series</p> <p>Comprehensive user manual for XTUGA audio mixers, including models 120CT, 80CT, and 60CT. Details features like digital effects, 48V phantom power, audio interface capabilities, and connectivity options for studio and computer recording.</p>
	<p>XTUGA SEM200 Wireless In-Ear Monitor System User Manual</p> <p>User manual for the XTUGA SEM200 Wireless In-Ear Monitor System, detailing product introduction, safety tips, transmitter and receiver overviews, main features, system settings, technical specifications, and usage illustrations for stage monitoring and audio broadcasting.</p>
	<p>XTUGA IEM1200 Wireless In-Ear Monitor System User Manual</p> <p>Comprehensive user manual for the XTUGA IEM1200 Wireless In-Ear Monitor System, detailing features, operation, and technical specifications for stage performance and sound broadcast.</p>

	<p>Xtuga SEM200 Wireless In-Ear Monitor System User Manual</p> <p>Comprehensive user manual for the Xtuga SEM200 Wireless In-Ear Monitor System, covering product introduction, safety tips, technical specifications, system settings, and usage instructions.</p>
	<p>XTUGA RW2080 Wireless Ear-Monitor System User Instruction Manual</p> <p>This document provides comprehensive user instructions for the XTUGA RW2080 wireless ear-monitor system. It covers product presentation, main features, functions, detailed front and back panel instructions for single and double channel receivers and transmitters, bodypack transmitter and receiver details, usage illustrations, system settings, and technical specifications.</p>
	<p>Xtuga RW2080 Wireless Ear-Monitor System User Manual</p> <p>Comprehensive user manual for the Xtuga RW2080 wireless ear-monitor system, detailing its features, operation, technical specifications, and setup instructions for stage performance and audio monitoring.</p>