

XTUGA F4A

XTUGA F4A 4-Channel Audio Mixer Instruction Manual

Model: F4A | Brand: XTUGA

1. INTRODUCTION

Welcome to the XTUGA F4A 4-Channel Audio Mixer. This manual provides essential information for setting up, operating, and maintaining your audio mixer. Please read it thoroughly to ensure optimal performance and longevity of your device.

2. KEY FEATURES

- **4-Channel Mixer:** Features 4 input channels for versatile audio mixing.
- **Wireless Bluetooth Connectivity:** Built-in Bluetooth for seamless audio streaming from compatible devices.
- **99 DSP Effects:** Integrated Digital Signal Processor with 99 effects for enhanced audio customization.
- **Equalization:** Includes 3-band equalization adjustment per channel and a 7-band stereo equalizer for precise tone control.
- **PAD/HPF Functions:** High Pass Filter (HPF) removes low-frequency interference below 80Hz. Pad (Constant Attenuation) button attenuates input signals by 26dB.
- **Stereo Pan:** Converts 4 mono modes to 2 stereo modes (e.g., channels 1/2 and 5/6).
- **USB/PC/Phone Playback & Recording:** Supports direct connection for audio playback and recording via USB to PC or phone.
- **Phantom Power:** +48V phantom power for condenser microphones.

3. SETUP GUIDE

3.1 Unpacking and Initial Inspection

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

and undamaged.



Image: XTUGA F4A Mixer and included accessories.

3.2 Power Connection

Connect the provided power adapter to the DC 12V input on the mixer and then to a suitable power outlet. Ensure the power switch is in the OFF position before connecting.

3.3 Audio Input Connections

Connect your microphones, instruments, or other audio sources to the appropriate input channels. The mixer supports XLR and 6.35mm (1/4 inch) inputs for microphones and line-level devices.



Image: Front panel of the XTUGA F4A mixer showing various inputs and controls.

3.3.1 Condenser Microphones (+48V Phantom Power)

For condenser microphones, activate the +48V phantom power by pressing the dedicated button for the respective channel. A red indicator light will confirm activation.

+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.

Image: Close-up of the XTUGA F4A mixer highlighting the +48V phantom power button for condenser microphones.

3.3.2 USB/PC/Phone Connection

Connect the mixer to a PC or phone using a USB cable for digital audio input and output. This allows for direct playback and recording.

SUPPORT USB/COMPUTER

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



Image: Diagram showing how to connect the XTUGA F4A mixer to a computer or USB device for playback and recording.

3.3.3 Bluetooth Pairing

To connect via Bluetooth, activate the Bluetooth function on the mixer and search for 'BT-AUDIO' on your smart device. Pair the devices to stream audio wirelessly.

WIRELESS BLUETOOTH

Compatible with smart devices



Search bluetooth :
SHERIFF

Image: The XTUGA F4A mixer connected wirelessly via Bluetooth to a smartphone.

3.4 Headphone Monitoring

Connect your headphones to the PHONES output for monitoring the mixed audio. Adjust the headphone level using the dedicated knob.

Video: Demonstrates the method for connecting and operating headphone monitoring with the mixer.

4. OPERATING INSTRUCTIONS

4.1 Channel Controls

Each channel features individual controls for GAIN, PAN, HIGH, MID, LOW, AUX, and EFF. Adjust these knobs to shape the sound of each input source.

4.1.1 PAD/HPF Functionality

Press the PAD button to attenuate the input signal by 26dB, useful for high-level sources. Activate the HPF (High Pass Filter) to remove unwanted low-frequency noise below 80Hz.

4.2 Equalization (EQ)

Utilize the 3-band EQ on each channel for basic tone adjustments. The 7-band stereo graphic equalizer provides finer control over the overall mix frequency response.

2-BAND EQ ADJUSTMENT

Finer adjustments are possible for more accurate, crisp, and clear sound.



Image: Close-up of the XTUGA F4A mixer's 2-band EQ section, illustrating how to make finer adjustments for accurate sound.

4.3 DSP Effects

The built-in 99 DSP effects can be applied to individual channels or the main mix. Rotate the PROGRAM knob to select an effect and adjust its parameters as needed. This allows for diverse soundscapes suitable for various performance types.

Video: Overview of the professional audio mixer, demonstrating its features including the MP3 player functionality.

4.4 USB/Bluetooth Playback

When connected via USB or Bluetooth, use the dedicated controls on the mixer's media player section to play, pause, skip tracks, and adjust volume for the digital audio source.

5. MAINTENANCE AND CARE

- **Cleaning:** Use a soft, dry cloth to clean the mixer's surface. Avoid liquid cleaners or abrasive materials.

- **Storage:** Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the mixer with care to prevent damage to knobs, faders, and ports.

6. TROUBLESHOOTING

6.1 No Sound Output

- Ensure the mixer is powered on and all cables are securely connected.
- Check master volume faders and individual channel levels.
- Verify that input sources are active and producing sound.

6.2 Poor Audio Quality

- Check for proper gain staging to avoid clipping (PEAK indicators).
- Ensure correct microphone type is used with or without phantom power.
- Inspect cables for damage or loose connections.

6.3 Bluetooth Connectivity Issues

- Ensure the mixer's Bluetooth mode is active and discoverable.
- Check that your device's Bluetooth is enabled and within range.
- Forget and re-pair the device if connection is unstable.

7. TECHNICAL SPECIFICATIONS



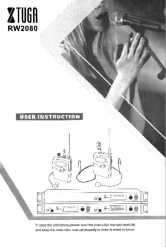

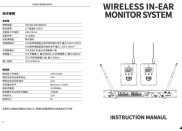
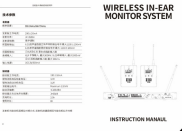
- **Model:** F4A
- **Channels:** 4
- **DSP Effects:** 99
- **Equalizer:** 3-band per channel, 7-band stereo graphic equalizer
- **Connectivity:** Bluetooth, USB, XLR, 6.35mm (1/4 inch)
- **Phantom Power:** +48V
- **Item Weight:** 23 pounds
- **Package Dimensions:** 11 x 7.3 x 4 inches

8. WARRANTY INFORMATION

This product is covered by the manufacturer's standard warranty. Please refer to the warranty card included in your product packaging or visit the XTUGA official website for detailed terms and conditions.

9. CUSTOMER SUPPORT

For further assistance, technical support, or service inquiries, please contact XTUGA customer support through the contact information provided on the official website or in your product documentation.

 <p>USER'S MANUAL</p>	<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 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 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>
	<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 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>