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› Sound Town TRITON-TX802 Professional Audio Mixer User Manual

## Sound Town TRITON-TX802 (8-Ch, 99 DSP, Dual 7-Band, 48V Phantom)

# Sound Town TRITON-TX802 Professional Audio Mixer User Manual

Model: TRITON-TX802 (8-Ch, 99 DSP, Dual 7-Band, 48V Phantom)

Thank you for choosing Sound Town. Please read this manual thoroughly before operating your new mixer.

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## 1. INTRODUCTION

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The Sound Town TRITON-TX802 is an 8-channel professional audio mixer designed for versatile sound applications, including live sound, home studios, and mobile DJ setups. It features 99 built-in DSP effects, USB/MP3/Bluetooth connectivity, dual 7-band EQ on all channels, and +48V phantom power for condenser microphones. This manual provides essential information for the proper setup, operation, and maintenance of your mixer.



Figure 1: Front view of the TRITON-TX802 mixer.

## 2. SAFETY INFORMATION

To reduce the risk of electric shock, fire, or damage to the unit, please observe the following safety precautions:

- Do not expose this appliance to rain or moisture.
- Do not remove the cover. No user-serviceable parts inside. Refer servicing to qualified personnel.
- Ensure the power supply voltage matches the requirements specified on the unit.
- Protect the power cord from being walked on or pinched.
- Disconnect the power cord during lightning storms or when unused for long periods.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Only use attachments/accessories specified by the manufacturer.

## 3. SETUP

Follow these steps to set up your TRITON-TX802 mixer:

1. **Unpacking:** Carefully remove the mixer from its packaging. Inspect for any signs of damage during transit.
2. **Placement:** Place the mixer on a stable, flat surface, ensuring adequate ventilation around the unit. Avoid placing it near heat sources or in direct sunlight.
3. **Power Connection:** Ensure the mixer's power switch is in the OFF position. Connect the provided AC power cord to the mixer's AC input and then to a suitable power outlet.
4. **Input Connections:**

- **Microphones:** Connect XLR or 1/4" cables from your microphones to the respective input channels (1-8). For condenser microphones, activate the +48V Phantom Power switch (ensure microphones are connected before activating).
- **Instruments/Line-Level Devices:** Connect instruments (e.g., keyboards, guitars with DI boxes) or other line-level devices to the 1/4" TRS inputs.
- **Stereo Devices:** Use the RCA stereo inputs for devices like CD players or media players.
- **AUX Input:** Connect external audio sources to the 1/4" AUX input.

#### 5. Output Connections:

- **Main Output:** Connect the MAIN OUTPUT (XLR or 1/4" TRS) to your power amplifier, powered speakers, or recording interface.
- **Headphones:** Connect headphones to the PHONES jack for monitoring.
- **Subgroup Output:** If using subgroups, connect SUB 1-2 outputs to desired destinations.



Figure 2: Rear panel connections of the TRITON-TX802 mixer.

## 4. OPERATING INSTRUCTIONS

### 4.1 Channel Controls (Channels 1-8)

- **GAIN Knob:** Adjusts the input sensitivity for each channel. Set this to achieve a strong signal without clipping (indicated by the PEAK LED).
- **HIGH/MID/LOW EQ Knobs:** Three-band equalizer for adjusting the treble, midrange, and bass frequencies of each channel.
- **FX Send Knob:** Controls the amount of signal sent from the channel to the internal DSP effects processor.
- **PAN Knob:** Adjusts the stereo position (left/right) of the channel's signal in the main mix.
- **MUTE Button:** Mutes or unmutes the individual channel.
- **PFL (Pre-Fader Listen) Button:** Sends the channel's signal to the headphones for monitoring before the fader.
- **SUB 1-2 Button:** Routes the channel's signal to the Subgroup 1-2 output.
- **MAIN Button:** Routes the channel's signal directly to the Main Mix output.
- **Channel Fader:** Controls the output level of the individual channel to the main mix or selected subgroup.

### 4.2 Master Section Controls

- **+48V PHANTOM POWER Switch:** Activates +48V phantom power for condenser microphones connected to XLR inputs. Always connect microphones before activating and deactivate before disconnecting.

- **USB/MP3/Bluetooth Module:**
  - **USB Port:** Insert a USB flash drive with MP3 files for playback.
  - **Bluetooth:** Pair your smartphone or other Bluetooth-enabled device for wireless audio streaming. Select "Bluetooth" mode on the module and pair with "TRITON-TX802".
  - **Controls:** Use the module's buttons for play/pause, track skip, and mode selection (USB/Bluetooth).
- **99 DSP Effects Processor:**
  - **PROGRAM Knob:** Rotates through the 99 built-in digital sound effects (e.g., reverb, delay, chorus). The selected effect number is displayed.
  - **FX LEVEL Knob:** Adjusts the overall output level of the selected effect.
  - **FX Fader:** Controls the amount of the effect signal mixed into the main output.
- **Dual 7-Band Graphic EQ:** Provides precise frequency shaping for the main stereo output. Adjust the sliders to boost or cut specific frequency bands.
- **SUB 1-2 Fader:** Controls the overall output level of the subgroup mix.
- **MAIN L/R Faders:** Control the overall output level of the main stereo mix.
- **PHONES Level Knob:** Adjusts the volume for the headphone output.
- **REC Output:** RCA outputs for connecting to a recording device.

### 4.3 Subgroup Functionality

The TRITON-TX802 features a subgroup (SUB 1-2) that allows you to group multiple channels together and control their combined volume, EQ, and effects with a single fader. To use the subgroup:

1. On each channel you wish to include in the subgroup, press the **SUB 1-2** button.
2. Adjust the individual channel faders to set the relative levels within the subgroup.
3. Use the **SUB 1-2 Fader** in the master section to control the overall volume of all channels routed to the subgroup.
4. The subgroup can then be routed to external devices via the SUB 1-2 outputs.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your mixer:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth. Do not use abrasive cleaners, solvents, or waxes.
- **Dust Protection:** When not in use, cover the mixer with a dust cover to prevent dust and debris from entering the faders and knobs.
- **Ventilation:** Ensure that the ventilation openings are clear and not obstructed to prevent overheating.
- **Cable Management:** Organize cables neatly to prevent tripping hazards and reduce strain on connectors.
- **Storage:** If storing the mixer for an extended period, disconnect all cables and store it in a cool, dry place.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound output from main speakers.	Power not connected or turned on. Main L/R faders are down. Output cables are disconnected or faulty. Amplifier/powered speakers are off or muted.	Check power connection and switch. Raise Main L/R faders. Verify cable connections and test cables. Ensure external audio equipment is powered on and unmuted.
No sound from a specific channel.	Channel fader is down. Channel MUTE button is engaged. GAIN knob is too low. Input cable or microphone/instrument is faulty. +48V Phantom Power not engaged for condenser mic.	Raise channel fader. Disengage MUTE button. Increase GAIN until signal is present (avoiding PEAK LED). Test with a known working cable/mic/instrument. Activate +48V Phantom Power if using a condenser mic.
Bluetooth not connecting.	Mixer not in Bluetooth mode. Device not in pairing mode or too far. Interference.	Select Bluetooth mode on the USB/MP3 module. Ensure device is discoverable and within range. Move away from other wireless devices.
Distorted audio.	Input GAIN too high (PEAK LED lit). Output levels too high. Faulty cable or equipment.	Reduce GAIN on input channels. Lower channel faders or Main L/R faders. Test/replace cables and check connected equipment.

## 7. SPECIFICATIONS

Feature	Detail
Number of Channels	8
DSP Effects	99 built-in digital effects
Equalization	Dual 7-band EQ on all channels
Connectivity	USB, MP3, Bluetooth
Phantom Power	+48V (switchable)
Audio Inputs	1/4" and XLR combo inputs, 1/4" TRS, RCA stereo, 1/4" AUX inputs
Item Weight	9.33 pounds
Package Dimensions	16.6 x 16.4 x 6.6 inches
Model Number	TRITON-TX802 (8-Ch, 99 DSP, Dual 7-Band, 48V Phantom)
Manufacturer	Sound Town

## 8. WARRANTY AND SUPPORT

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Sound Town products are designed for reliability and performance. For warranty information and technical support, please refer to the warranty card included with your product or visit the official Sound Town website. You can also contact Sound Town customer service directly for assistance with product registration, troubleshooting, or service inquiries.

**Sound Town Official Website:** [www.soundtown.com](http://www.soundtown.com) (Example link, please refer to actual product documentation for correct URL)

**Customer Service:** Refer to your product packaging or the official website for contact details.

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