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## Sound Town TRITON-A12BD

# Sound Town TRITON-A12BD 12-Channel Audio Mixer Instruction Manual

Professional 12-Channel Audio Mixer with USB Interface, Recording, EQ, Bluetooth, DSP, and 48V Phantom Power

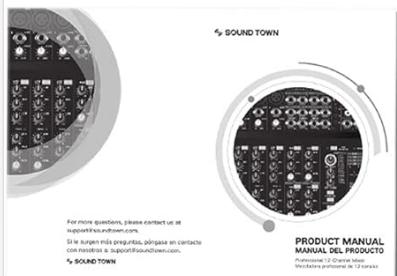
## 1. INTRODUCTION

This manual provides detailed instructions for the Sound Town TRITON-A12BD 12-Channel Audio Mixer. This professional mixer is designed for various audio applications, offering a comprehensive set of features including a USB interface, recording capabilities, equalization, Bluetooth connectivity, digital signal processing (DSP), and 48V phantom power. Please read this manual thoroughly before operating the device to ensure proper use and to maximize its performance.

## 2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact Sound Town customer support.

## Included in the Box



(1) Manual

(1) USB Cable

The correct power adapter suitable for your country will be included:



(1) Power Cord

Image: The Sound Town TRITON-A12BD mixer, a product manual, a USB cable, and various power adapters (USA, Euro, UK) are shown as included in the box.

- Sound Town TRITON-A12BD 12-Channel Audio Mixer
- Power Adapter (appropriate for your region)
- USB Cable
- Instruction Manual

### 3. PRODUCT OVERVIEW

The TRITON-A12BD is a versatile 12-channel mixing console designed for both beginners and professional studio applications. It features a robust construction and a comprehensive set of controls for optimal audio management.



Image: A top-down view of the Sound Town TRITON-A12BD mixer, highlighting its 12 channels, various knobs for gain, EQ, effects, pan, and level, along with XLR, 1/4", and RCA inputs/outputs.



Image: An angled perspective of the Sound Town TRITON-A12BD mixer, providing a clearer view of the control surface and its compact design.

## Key Features:

- 12-channel mixing console with four stereo channels and one separate tape channel.
- Separate input JACK controls for mic and line inputs on all mono channels.
- Versatile inputs including XLR, 1/4", and RCA Jacks.
- Ultra-low noise and discreet mic preamplifiers on all microphone inputs.
- Built-in USB soundcard and audio interface for recording to MAC or PC.
- Universal digital audio file compatibility.
- Integrated Bluetooth for connecting wireless devices.
- Digital Signal Processing (DSP) for various effects.
- 48V Phantom Power for condenser microphones.
- High-quality components and sturdy construction.

## 4. SETUP

### 4.1 Power Connection

1. Ensure the mixer's power switch is in the OFF position.
2. Connect the provided power adapter to the DC 15Vx2 / DC 48V input on the rear panel of the mixer.
3. Plug the power adapter into a suitable electrical outlet.

## 4.2 Audio Connections

The rear panel provides various input and output options for connecting your audio equipment.



Image: The rear panel of the Sound Town TRITON-A12BD mixer, displaying the power input (DC 15Vx2, DC 48V), USB interface port, balanced main outputs, and balanced mic inputs.

- **Microphone Inputs (XLR):** Connect microphones to the XLR inputs on channels 1-4.
- **Line Inputs (1/4" TRS/TS):** Connect instruments or line-level devices to the 1/4" inputs.
- **Stereo Line Inputs (1/4" TRS/TS or RCA):** Use channels 5/6, 7/8, 9/10, 11/12 for stereo line-level sources.
- **Main Outputs (1/4" TRS):** Connect to your main speakers or amplifier.
- **Control Room Outputs (1/4" TRS):** Connect to studio monitors.
- **Phones Output (1/4" TRS):** Connect headphones for monitoring.
- **USB Interface:** Connect to a computer for recording or playback.

## 4.3 Initial Power On

1. After all connections are made, turn on the mixer's power switch.
2. Observe the power indicator light to confirm the unit is receiving power.

## 5. OPERATING INSTRUCTIONS

### 5.1 Channel Controls (Mono Channels 1-4)

- **GAIN:** Adjusts the input sensitivity for microphones and line-level signals. Start with the knob fully counter-clockwise.
- **LOW CUT:** Activates a high-pass filter to remove unwanted low-frequency rumble.
- **EQ (HI, MID, LOW):** Three-band equalizer for shaping the tone of each channel.
  - **HI:** Adjusts high frequencies.
  - **MID:** Adjusts mid frequencies.
  - **LOW:** Adjusts low frequencies.
- **EFF:** Sends a portion of the channel signal to the internal DSP effects processor.
- **PAN:** Positions the channel signal within the stereo field (left to right).
- **LEVEL:** Controls the overall output level of the channel to the main mix.
- **PEAK LED:** Illuminates when the input signal is too high, indicating potential clipping. Reduce GAIN if this LED lights up frequently.

## 5.2 Stereo Channels (5/6, 7/8, 9/10, 11/12)

- These channels are designed for stereo line-level sources.
- Controls typically include GAIN (or -10dB pad), EQ, EFF, BAL (balance), and LEVEL.

## 5.3 Main Section Controls

- **+48V PHANTOM:** Activates 48V phantom power for condenser microphones connected to XLR inputs. Ensure dynamic microphones are disconnected before activating to prevent damage.
- **DSP EFFECTS:**
  - **EFF SELECT:** Rotary knob to choose from various built-in digital effects (e.g., Hall, Room, Delay, Chorus).
  - **EFF TO MAIN:** Adjusts the overall level of the selected effect sent to the main mix.
- **MAIN OUT FADER:** Controls the overall output level of the main stereo mix.
- **PHONES/CTRL RM:** Adjusts the volume for headphones and control room outputs.
- **2TK IN:** RCA inputs for connecting external playback devices (e.g., CD player).
- **REC OUT:** RCA outputs for sending the main mix to a recording device.

## 5.4 USB Interface

The built-in USB soundcard allows for direct connection to a computer (Mac or PC) for recording and playback.

- Connect the mixer to your computer using the provided USB cable.
- The mixer should be recognized as an audio device by your operating system.
- Select the mixer as your input/output device in your digital audio workstation (DAW) or recording software.
- Use the **2TK TO MIX** and **2TK TO CTRL RM** controls to route the USB playback signal.

## 5.5 Bluetooth Connectivity

The mixer features integrated Bluetooth for wireless audio streaming from compatible devices.

1. Activate Bluetooth on your external device (e.g., smartphone, tablet).
2. On the mixer, ensure the Bluetooth function is enabled (refer to specific mixer controls if available, usually indicated by a Bluetooth LED).
3. Search for available Bluetooth devices on your external device and select "TRITON-A12BD" (or similar name).
4. Once paired, audio from your device will stream through the mixer. Adjust the input level using the relevant channel controls.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the mixer's surface. Avoid abrasive cleaners or solvents.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure adequate ventilation around the mixer to prevent overheating. Do not block ventilation openings.
- **Power Cord:** Regularly inspect the power cord for any damage. Replace if necessary.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	<ul style="list-style-type: none"> <li>Power not connected or switched on.</li> <li>Main output fader is down.</li> <li>Channel level fader is down.</li> <li>Incorrect input/output connections.</li> <li>Speakers/amplifier not powered on or connected.</li> </ul>	<ul style="list-style-type: none"> <li>Check power connection and switch.</li> <li>Raise the MAIN OUT fader.</li> <li>Raise the channel LEVEL knob.</li> <li>Verify all audio cables are correctly connected.</li> <li>Ensure external audio equipment is powered and connected.</li> </ul>
Humming or buzzing noise	<ul style="list-style-type: none"> <li>Ground loop issue.</li> <li>Unshielded cables.</li> <li>Interference from other electronic devices.</li> <li>High GAIN settings.</li> </ul>	<ul style="list-style-type: none"> <li>Use balanced cables (XLR, TRS) where possible.</li> <li>Ensure all equipment is plugged into the same power strip or outlet.</li> <li>Move mixer away from power supplies, computers, or other noisy electronics.</li> <li>Reduce GAIN settings on channels and main output.</li> </ul>
Microphone not working (condenser mic)	<ul style="list-style-type: none"> <li>48V Phantom Power is not activated.</li> <li>Faulty microphone or cable.</li> </ul>	<ul style="list-style-type: none"> <li>Activate the +48V PHANTOM switch.</li> <li>Test with a different microphone or cable.</li> </ul>
Bluetooth not connecting	<ul style="list-style-type: none"> <li>Bluetooth not enabled on mixer or device.</li> <li>Device too far from mixer.</li> <li>Interference.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure Bluetooth is active on both devices.</li> <li>Move the device closer to the mixer.</li> <li>Restart both devices and try pairing again.</li> </ul>

## 8. SPECIFICATIONS

Feature	Detail
Model Number	TRITON-A12BD (12-CH)
Brand	Sound Town
Number of Channels	12
Connectivity Technology	Bluetooth, USB
Power Source	Corded Electric
Voltage	48 Volts (for Phantom Power)
Item Weight	4.53 pounds (2.06 Kilograms)
Package Dimensions	13.89 x 10.35 x 3.23 inches
First Available Date	May 22, 2018

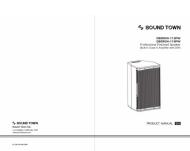
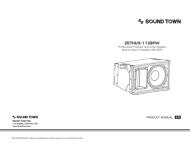
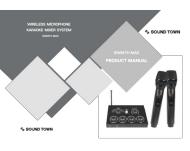
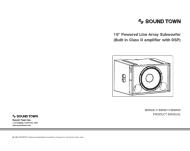
## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Sound Town website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

**Sound Town Customer Support:** Please visit [Sound Town's Amazon Store](#) for contact information and additional resources.

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## Related Documents - TRITON-A12BD

	<p><a href="#">Sound Town OBERON Series Professional Powered Speaker Product Manual</a> Comprehensive product manual for Sound Town OBERON-112PW and OBERON-115PW professional powered speakers, detailing safety instructions, features, rear panel connections, and DSP settings.</p>
	<p><a href="#">Sound Town ZETHUS-112BPW Professional Line Array User Manual</a> Comprehensive user manual for the Sound Town ZETHUS-112BPW Professional Full Range Line Array with built-in Class D amplifier and DSP. Includes important safety instructions, rear panel overview, and detailed DSP setting guide.</p>
	<p><a href="#">Sound Town ZETHUS-112BPW Professional Powered Line Array Speaker Product Manual</a> Comprehensive product manual for the Sound Town ZETHUS-112BPW powered line array speaker, detailing safety instructions, features, package contents, rear panel layout, and DSP settings.</p>
	<p><a href="#">Sound Town SWM15-MAX Wireless Microphone Karaoke Mixer System Product Manual</a> This product manual provides detailed information on the Sound Town SWM15-MAX Wireless Microphone Karaoke Mixer System, including features, specifications, operation, and troubleshooting.</p>
	<p><a href="#">Sound Town ST-UPDM4C Professional Power Amplifier User Manual</a> User manual for the Sound Town ST-UPDM4C professional power amplifier, detailing safety instructions, product features, specifications, protection functions, and test curves. Includes information on panel layout, DIP switch settings, and physical data.</p>
	<p><a href="#">Sound Town ZETHUS-115SPW/115SWPW 15" Powered Line Array Subwoofer Product Manual</a> Product manual for the Sound Town ZETHUS-115SPW/115SWPW 15-inch powered line array subwoofer, featuring a Class D amplifier with DSP, detailed safety instructions, and rear panel specifications.</p>

Documents - Sound Town – TRITON-A12BD



### [pdf] User Manual

TRITON A12BD User Manual Sound Town PA Pro 12 Channel Passive Audio Mixer w Bluetooth DSP Inc

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SOUND TOWN For more questions, please contact us at support.soundtown.com.

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