Bose 785491-0110

Bose T8S ToneMatch Mixer Instruction Manual

Model: 785491-0110

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1. INTRODUCTION

The Bose T8S ToneMatch Mixer is an 8-channel mixer designed for musicians and DJs, offering comprehensive control over audio. It features a powerful DSP engine for studio-quality EQ, dynamics, and effects, alongside Bose ToneMatch processing for optimized vocal and instrument sound. The intuitive interface with illuminated, tactile knobs and indicators ensures ease of use even in low-light conditions. This compact mixer includes XLR combo jacks, Aux sends, balanced stereo outputs, USB A and B for playback or PC/Mac interfacing, and a stereo headphone output. Additional functionalities like tap tempo delay, a built-in chromatic tuner, and recallable scenes enhance its utility for live performances.

Figure 1: Top-down view of the Bose T8S ToneMatch Mixer, highlighting its compact form factor and accessible control panel.

2. KEY FEATURES

- **Studio-quality effects and advanced digital audio processing:** Ensures natural-sounding vocals and instruments.
- **Tactile, illuminated controls:** LED display and indicators are easy to read and use, even in dimly-lit stages.
- **8 high-quality audio Preamps:** Features XLR-combo jacks for microphones or instruments, with switchable phantom power, 2 aux inputs, and 4 aux sends.
- **USB-A and -B connectivity:** For USB drive playback or PC/Mac interfacing.
- **Stereo headphone and balanced stereo outputs:** Provides versatile monitoring and output options.

3. SETUP

Follow these steps to set up your Bose T8S ToneMatch Mixer:

1. **Power Connection:** Connect the ToneMatch power supply to the mixer and a suitable power outlet. Ensure all other devices are powered off before connecting.

2. **Audio Inputs:**

   - Connect microphones or instruments to the 8 high-quality audio preamps via the XLR-combo jacks.
   - If using condenser microphones, activate the switchable phantom power for the respective channels.
   - Utilize the 2 aux inputs for additional audio sources as needed.

3. **Audio Outputs:**

   - Connect your main PA system or recording device to the balanced stereo outputs.

- Use the 4 aux sends for monitor mixes or external effects.
- Connect headphones to the stereo headphone output for personal monitoring.

4. **USB Connectivity:**

- For USB drive playback, connect your USB drive to the USB-A port.
- For PC/Mac interfacing, connect your computer to the USB-B port.

5. **Power On:** Once all connections are secure, power on the mixer.

Figure 2: Side view of the Bose T8S ToneMatch Mixer, illustrating the various input and output ports for audio and USB connections.

Setup Video (Bose T4S ToneMatch Mixer - Similar Model)

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Video 1: A closer look at the Bose T4S ToneMatch Mixer (a similar model), demonstrating its physical inputs, outputs, and control layout. This video provides a visual guide to the mixer's connectivity.

4. OPERATING INSTRUCTIONS

The T8S ToneMatch Mixer offers intuitive controls for shaping your sound:

- **Channel Controls:** Each of the 8 channels features dedicated controls for gain, EQ (ToneMatch processing, zEQ), dynamics, and effects. Use the illuminated, tactile knobs to make precise adjustments.
- **ToneMatch Processing:** Apply proven Bose ToneMatch processing to optimize the sound of your vocals and instruments. This feature automatically adjusts EQ settings for specific microphones and instruments.
- **zEQ:** Utilize the innovative zEQ feature for on-the-fly adjustments to your sound, allowing for quick and effective tonal shaping.
- **Effects:** Access a powerful DSP engine with studio-quality effects including reverb, delay, modulation, and compression/gate. Use the dedicated controls to dial in the desired effect parameters.
- **Tap Tempo Delay:** Synchronize delay effects to the tempo of your performance using the tap tempo function.
- **Chromatic Tuner:** Use the built-in chromatic tuner to ensure your instruments are perfectly in tune.
- **Recallable Scenes:** Save and recall your preferred mixer settings as scenes for quick setup and consistent sound across different performances.
- **Master Controls:** Adjust the overall output level and monitor mixes using the master section controls.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Bose T8S ToneMatch Mixer, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the mixer's surface with a soft, dry cloth to remove dust and debris. Avoid using abrasive cleaners or solvents.
- **Storage:** When not in use, store the mixer in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided cover to protect it from dust and scratches.
- **Cable Management:** Ensure all cables are properly coiled and stored to prevent damage to connectors and internal wiring.
- **Inspection:** Periodically inspect all ports and connections for any signs of wear or damage.

6. TROUBLESHOOTING

If you encounter issues with your Bose T8S ToneMatch Mixer, consider the following common troubleshooting steps:

- **No Power:**
    - Ensure the power supply is securely connected to both the mixer and a working power outlet.
    - Verify that the power switch on the mixer is in the 'On' position.

- **No Sound Output:**
    - Check all input and output cable connections.
    - Ensure channel volumes and master volume are turned up.
    - Verify that no channels are muted (check mute buttons).
    - If using phantom power, ensure it is activated for the correct channels.

- **Distorted Sound:**
    - Reduce the input gain for the affected channel(s) to prevent clipping (indicated by red peak LEDs).
    - Check the master output level to ensure it is not too high.
    - Inspect cables for damage or improper connection.

- **Effects Not Working:**
    - Ensure the effects are enabled for the desired channels and the effect send levels are appropriately set.
    - Check the master effect return level.

7. SPECIFICATIONS

Feature	Detail
Item Weight	4 pounds
Product Dimensions	12.25 x 12.25 x 3.25 inches
ASIN	B07CG81TLC
Item model number	785491-0110

Feature	Detail
Color Name	Black
Hardware Interface	USB
Power Source	Corded Electric
Brand	Bose
Number of Channels	8
Connectivity Technology	Interface
Date First Available	April 18, 2018

8. WHAT'S IN THE BOX

The Bose T8S ToneMatch Mixer package includes:

- T8S ToneMatch mixer
- ToneMatch power supply
- Cover

9. SUPPORT

For further assistance, warranty information, or to access additional resources, please visit the official Bose support website or contact their customer service. Keep your purchase receipt and product serial number handy for any inquiries. Visit the Bose Store on Amazon for more products and information.