

Rane TTM57SL

Rane TTM57SL DJ Mixer with Serato Scratch LIVE Software User Manual

Model: TTM57SL

Brand: Rane

1. PRODUCT OVERVIEW

The Rane TTM57SL is a high-performance DJ mixer that seamlessly integrates mixer hardware with Serato Scratch LIVE software. This unit combines the robust features of a professional DJ mixer with advanced digital audio capabilities, allowing for versatile control over both analog and digital music sources.

Key features include:

- Simultaneous playback of digital and analog sources.
- Control of up to two digital files using vinyl or CD, with simultaneous mix recording.
- Ability to record two stereo sources when not using vinyl or CD control.
- Independent cueing for analog and digital sources.
- Standalone operation as a high-quality performance mixer.



Figure 1: Top view of the Rane TTM57SL DJ Mixer, illustrating the layout of controls, faders, and input sections.

2. SETUP GUIDE

2.1 Unpacking and Inspection

Carefully remove the TTM57SL mixer from its packaging. Inspect the unit for any signs of damage that may have occurred during transit. Ensure all accessories, including the power supply and USB cable, are present.

2.2 Connecting the Mixer

Follow these steps to connect your Rane TTM57SL mixer:

1. **Power Connection:** Connect the provided power adapter to the mixer's power input and then to a suitable electrical outlet.
2. **USB Connection:** Connect the mixer to your computer using the supplied USB cable. The TTM57SL features a USB 1.1 hardware interface for data transfer and Serato Scratch LIVE integration.
3. **Audio Inputs:**
 - **Analog Inputs:** The mixer features four analog inputs (Analog 1, 2, 3, 4) which are switchable between phono and line level. Connect your turntables or CDs to these inputs as required.
 - **Microphone Input:** Connect your microphone to the dedicated microphone input.

4. Audio Outputs:

- **Main Out:** Connect your main sound system or amplifier to the XLR (balanced) Main Out.
- **Booth Out:** Connect your booth monitors to the 1/4" TRS (balanced) Booth Out.
- **Auxiliary Out:** An additional RCA (unbalanced) Auxiliary Out is available for other monitoring or recording purposes.

5. **Headphones:** Connect your headphones to the headphone jack for monitoring.

2.3 Software Installation (Serato Scratch LIVE)

The Rane TTM57SL is designed for deep integration with Serato Scratch LIVE software. Ensure you have the latest version of Serato Scratch LIVE installed on your computer. Refer to the Serato website for detailed installation instructions and system requirements. The mixer acts as a hardware interface for the software, enabling control of digital audio files via vinyl or CD.

3. OPERATING INSTRUCTIONS

3.1 Mixer Controls Overview

The TTM57SL features a comprehensive set of controls for mixing and manipulating audio. Familiarize yourself with the layout:



Figure 2: Detailed view of the central control section, highlighting channel controls, effects, and Serato integration buttons.

- **Input Buses (PGM 1 & PGM 2):** Each program bus allows selection between Analog 1/2/3/4 and Digital 1/2 sources.
- **Input Gain and Pan:** Adjust the input level and stereo balance for each channel.
- **Tone Controls:** 3-band, full-cut tone controls with Kill switches for precise frequency manipulation.
- **Magnetic Faders:** Both Channel Faders and the Crossfader utilize non-contact magnetic position sensor technology, ensuring smooth operation, no travel noise, and no bleed. Independent Contour and Reverse controls are available for the faders.
- **Microphone Input:** Features an Engage switch, Level control, and 2-band Tone control.
- **Internal Effects:** The mixer includes Filter and Delay effects with six possible insert points, configurable pre- or post-channel faders for Program 1 and Program 2.
- **FlexFx Loop:** Assign Program 1, Program 2, or both to an external FlexFx loop.
- **Headphone Cue Monitor:** Includes Cue Pan, Main Mix select, and Level controls for headphone monitoring.
- **Streaming Audio:** The mixer supports 8 channels of streaming audio at 16 bit / 44.1 kHz.

3.2 Serato Scratch LIVE Integration

The TTM57SL is designed to work seamlessly with Serato Scratch LIVE. Use the dedicated controls on the mixer to navigate your music library, trigger cues, samples, and control effects within the software. The mixer's hardware controls directly map to Serato functions, providing a tactile and intuitive DJ experience.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Rane TTM57SL mixer.

- **Cleaning:** Regularly wipe the exterior of the mixer with a soft, dry, lint-free cloth. Avoid using abrasive cleaners, solvents, or waxes. Do not spray liquids directly onto the mixer.
- **Faders:** The magnetic faders are designed for durability and require minimal maintenance. Avoid introducing dust or debris into the fader tracks.
- **Storage:** When not in use, store the mixer in a clean, dry environment, away from extreme temperatures and direct sunlight. Consider using a dust cover or flight case for protection during storage and transport.
- **Ventilation:** Ensure proper ventilation around the mixer to prevent overheating. Do not block any ventilation openings.

5. TROUBLESHOOTING

If you encounter issues with your Rane TTM57SL, refer to the following common troubleshooting steps:

- **No Audio Output:**
 - Verify all audio cables (Main Out, Booth Out, Auxiliary Out) are securely connected to your sound system or monitors.
 - Check the volume levels on the mixer (Main, Booth, Channel Gains) and on your connected audio equipment.
 - Ensure the correct input source is selected for each program bus (PGM 1, PGM 2).
- **Serato Scratch LIVE Not Recognizing Mixer:**
 - Ensure the USB cable is securely connected to both the mixer and your computer.
 - Verify that the latest drivers for the TTM57SL are installed on your operating system. Check the Rane website for driver updates.
 - Confirm that Serato Scratch LIVE is updated to a compatible version.
 - Try restarting both the mixer and your computer.
- **Fader or Button Malfunction:**
 - While magnetic faders are highly durable, ensure no debris is obstructing their movement.
 - For unresponsive buttons, ensure a firm press. If issues persist, contact Rane support.
- **Distorted Audio:**
 - Check input gain levels to prevent clipping (distortion). Adjust the gain knobs so that input signals are strong but do not peak.
 - Ensure all cables are in good condition and properly connected.

For further assistance, refer to the official Rane support resources or contact their customer service department.

6. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	TTM57SL
Dimensions (L x W x H)	20 x 15 x 8 inches
Item Weight	12 pounds
Number of Channels	2
Hardware Interface	USB 1.1
Power Source	Corded Electric
Audio Streaming	8 Channels, 16 bit / 44.1 kHz

7. WARRANTY AND SUPPORT

7.1 Product Warranty

For detailed information regarding the warranty coverage for your Rane TTM57SL DJ Mixer, please refer to the warranty card included with your product or visit the official Rane website. Warranty terms and conditions may vary by region and purchase date.

7.2 Customer Support

Should you require technical assistance, service, or have questions not covered in this manual, please contact Rane customer support. Visit the official Rane website for contact information, FAQs, and additional resources.
Note: Always ensure you are using official Rane drivers and software updates for optimal performance and compatibility.

