

Rane PERFORMER

Rane PERFORMER 4-Channel Motorized DJ Controller User Manual

Model: PERFORMER

1. INTRODUCTION

The Rane PERFORMER is a 4-channel motorized DJ controller designed for professional performance and creative mixing. It features Rane's industrial build quality and renowned sound. This controller incorporates high-torque motorized platters, advanced stem control capabilities, a MAG FOUR crossfader, and four PRECISION FEEL volume faders, making it suitable for performance-focused professionals. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your Rane PERFORMER controller.



Figure 1.1: Top-down view of the Rane PERFORMER 4-Channel Motorized DJ Controller.

2. PRODUCT OVERVIEW AND KEY FEATURES

The Rane PERFORMER is equipped with a range of features designed to enhance your DJing experience:

- **Motorized Platters:** Two 7-inch high-torque aluminum platters with magnetic acrylic discs and built-in displays

for song information and waveforms.

- **Advanced Stems Control:** Intuitive DJ Set Stem modes including Stem-Split, Stem Level, Stem Pad Mode, and instant acapella/instrumental buttons, fully integrated with Serato DJ Pro.
- **Precision Faders:** Features adjustable tension Precision Feel volume faders and a MAG FOUR crossfader for smooth and consistent response.
- **Extensive FX:** Includes 29 paddle-triggered, fully customizable Main FX and 4 knob-controlled Channel FX.
- **Performance Pads:** 16 on/off multi-color pads with OLED displays for visual feedback and various performance modes.
- **Serato DJ Pro Integration:** Comes with Serato DJ Pro and Serato Pitch 'n Time included, offering seamless integration with streaming services like Apple Music, Tidal, and SoundCloud.
- **Robust Construction:** Solid metal construction and aluminum FX toggles ensure durability and reliability.



Figure 2.1: A DJ interacting with the Rane PERFORMER controller, highlighting its performance-oriented design.

3. SETUP GUIDE

Follow these steps to set up your Rane PERFORMER controller:

1. **Unpacking:** Carefully remove the controller and all accessories from the packaging. Retain the packaging for future transport or storage.
2. **Power Connection:** Connect the included power adapter to the controller's power input and then to a suitable power outlet.
3. **USB Connection:** Connect one of the two USB Type-B ports on the rear of the PERFORMER to your computer using a USB cable. This connection is essential for software control and audio transfer.
4. **Audio Output:**
 - For main sound system: Connect the XLR Main Outputs or RCA Stereo Main Outputs to your mixer, amplifier, or powered speakers.
 - For booth monitoring: Connect the 1/4" Booth Outputs to your booth monitors.
5. **Audio Input (Optional):**
 - For microphones: Connect microphones to the XLR / 1/4" TRS combo jack Mic Inputs (Mic 1-2).
 - For external decks/turntables: Connect external audio sources to the RCA Stereo Input Pairs (Deck 3-4). Ensure the LINE/PHONO switch is set correctly for your source.
6. **Headphones:** Connect your headphones to either the 1/4" or 1/8" TRS headphone outputs on the front panel.
7. **Software Installation:** Install Serato DJ Pro on your computer. The Rane PERFORMER is designed for seamless integration with Serato DJ Pro. Ensure your software is up to date.



CONNECTION OPTIONS

- | | |
|---|--|
| 1 DUAL-USB TYPE B FOR SEAMLESS DJ TRANSITIONS | 4 2 LINE/PHONO INS FOR TURNTABLES/EXTERNAL DECKS |
| 2 XLR & RCA MAIN OUT | 5 2 STEREO RCA LINE/PHONO INS |
| 3 1/4" BOOTH/ZONE OUT | 6 2 XLR 1/4" COMBO JACK MIC INS |

Figure 3.1: Rear panel of the Rane PERFORMER, illustrating various connection options.

1. **Dual-USB Type B:** For seamless DJ transitions and computer connection.
2. **XLR & RCA Main Out:** Primary audio outputs for main sound systems.
3. **1/4" Booth/Zone Out:** Dedicated output for booth monitors.
4. **2 Line/Phono Ins:** Inputs for turntables or external decks.
5. **2 Stereo RCA Line/Phono Ins:** Additional stereo RCA inputs.
6. **2 XLR 1/4" Combo Jack Mic Ins:** Microphone inputs with combo jacks.

4. OPERATING INSTRUCTIONS

This section covers the basic operation of your Rane PERFORMER controller.

4.1. Loading Tracks

- Use the Browse knob to navigate through your music library in Serato DJ Pro.
- Press the Load button for the desired deck (Deck 1, 2, 3, or 4) to load the selected track onto that deck.
- The built-in platter displays will show track information and waveforms.

4.2. Platter Control



CREATIVITY IN MOTION

DESIGNED TO WITHSTAND THE RIGORS OF AN AGGRESSIVE SET

- 7" HIGH-TORQUE MOTORIZED ALUMINUM PLATTERS
- MAGNETICALLY ATTACHED VINYL-TEXTURED DISCS
- 3.5" WHEEL DISPLAYS WITH WAVEFORM AND SONG INFO
- DAY MODE

Figure 4.1: Detailed view of a motorized platter with its integrated display, showing waveform and track information.

- The 7-inch motorized platters provide a tactile vinyl-like experience.
- Use the platters for scratching, nudging, and pitch bending.
- The magnetic acrylic discs can be customized or replaced.

4.3. Mixing and Faders

INDUSTRY-LEADING SOUND QUALITY

- **MAG FOUR CROSSFADER**
- **REDESIGNED PRECISION FEEL FADERS**
- **ULTRA-SMOOTH, CONSISTENT RESPONSE**
- **0-100% CUT-IN CURVE ADJUSTMENT**

Figure 4.2: The mixer section with Precision Feel volume faders and MAG FOUR crossfader.

- Adjust the volume of each channel using the Precision Feel volume faders.
- The MAG FOUR crossfader offers ultra-smooth performance and adjustable tension for various mixing styles.
- Use the EQ knobs (High, Mid, Low) for each channel to shape the sound.

4.4. Performance Pads

SESSION READY

DECK SELECTION BUTTONS FOR MIXING WITH UP TO 4 SOFTWARE DECKS



16 PERFORMANCE PADS WITH DEDICATED OLED PAD MODE DISPLAYS FOR VISUAL FEEDBACK

Figure 4.3: The 16 multi-color performance pads with OLED displays for various modes.

- The 16 multi-color performance pads can be used for Hot Cues, Loops, Roll, Sampler, Slicer, and Stems modes.
- The OLED displays above the pads provide visual feedback on the active pad mode and parameters.

5. ADVANCED FEATURES

5.1. Stems Control



Figure 5.1: Dedicated controls for Stem-Split, Stem Level, and Stem Pad Mode.

The Rane PERFORMER offers advanced control over Serato DJ Pro's Stem features:

- **Stem-Split:** Isolate or remove individual elements (vocals, drums, melody, bass) from a track.
- **Stem Level:** Adjust the volume of individual stems.
- **Stem Pad Mode:** Assign stem functions to the performance pads for dynamic control.
- **Acapella/Instrumental Buttons:** Instantly isolate vocals or instrumental parts of a track.

5.2. Effects (FX)

EXPANDED FX CAPABILITIES



- 29 INTERNAL MAIN FX
- 4 KNOB-CONTROLLED CHANNEL FX
- DYNAMIC INTERNAL FX ENGINE
- SERATO DJ SOFTWARE FX
- SERATO PITCH 'N TIME DJ
- DVS-ENABLED

Figure 5.2: The mixer section displaying Main FX and Channel FX controls.

The controller provides comprehensive effects capabilities:

- **Main FX:** Access 29 paddle-triggered, fully customizable internal Main FX.
- **Channel FX:** Utilize 4 knob-controlled Channel FX for individual deck processing.
- **Serato DJ Software FX:** Seamlessly integrate and control effects from Serato DJ Pro.
- **DVS-Enabled:** Supports Digital Vinyl System (DVS) for controlling Serato DJ Pro with external turntables or CDJs.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Rane PERFORMER:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the controller. Avoid abrasive cleaners, solvents, or harsh chemicals. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth.
- **Dust Protection:** Keep the controller covered when not in use to prevent dust accumulation, especially on faders and platters.

- **Liquid Avoidance:** Do not expose the controller to liquids. Spills can cause severe damage to internal components.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Ensure all cables are connected securely and are not under strain. Avoid bending cables sharply.
- **Software Updates:** Regularly check for and install the latest firmware and software updates for Serato DJ Pro and the Rane PERFORMER to ensure compatibility and access to new features.

7. TROUBLESHOOTING

If you encounter issues with your Rane PERFORMER, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|---|--|---|
| No power | Power cable not connected; power outlet faulty. | Ensure power cable is securely connected. Test the power outlet with another device. |
| No sound output | Incorrect audio connections; volume levels too low; incorrect audio device selected in software. | Verify all audio cables are correctly connected. Check master, channel, and headphone volume levels. Ensure Rane PERFORMER is selected as the audio device in Serato DJ Pro settings. |
| Controller not recognized by computer/software | USB cable issue; drivers not installed; software not updated. | Try a different USB port or cable. Restart your computer and controller. Ensure Serato DJ Pro is updated to the latest version. Check Rane's website for any specific driver installations. |
| Platters not responding or motorized function not working | Motorized platter setting off; software issue. | Check Serato DJ Pro settings to ensure motorized platters are enabled. Restart the controller and software. |
| Stems/FX not working | Feature not enabled in software; incorrect mapping. | Ensure Stems and FX features are enabled and correctly configured within Serato DJ Pro. Refer to the Serato DJ Pro manual for detailed instructions on these features. |

For further assistance, please visit the official Rane support website or contact customer service.

8. SPECIFICATIONS

- **Model:** PERFORMER
- **Dimensions (W x D x H):** 30.84" x 15.84" x 4.32" (78.33 cm x 40.23 cm x 10.97 cm)
- **Weight:** 28.2 lbs (12.79 kg)
- **Platters:** 7-inch motorized high-torque aluminum platters with magnetic acrylic discs and displays.
- **Faders:** MAG FOUR crossfader, 4 Precision Feel volume faders.
- **Pads:** 16 multi-color performance pads with OLED displays.
- **Connectivity:**
 - **Outputs:** (2) XLR Main, (2) RCA Stereo Main, (2) 1/4" TRS Booth, (1) 1/4" TRS Headphone, (1) 1/8" TRS Headphone.

- **Inputs:** (2) XLR / 1/4" TRS Combo Mic (Mic 1-2), (2) RCA Stereo Line/Phono (Deck 3-4).
- **USB:** (2) USB Type-B ports.
- **Power:** Corded Electric
- **Software Compatibility:** Serato DJ Pro (included), Serato Pitch 'n Time (included).

9. WARRANTY AND SUPPORT




For detailed warranty information, please refer to the warranty card included with your product or visit the official Rane website. Rane provides customer support for product inquiries, technical assistance, and service requests.

Online Resources: www.rane.com/support

Please register your product online to receive updates and support.

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Related Documents - PERFORMER

| | |
|---|---|
|  | <p>Rane Performer Quick-Start Guide - Serato DJ Pro</p> <p>A quick-start guide for the Rane Performer DJ controller, detailing setup, software integration with Serato DJ Pro, hardware overview, performance pad modes, and advanced features like Stem Split and Pitch Play.</p> |
|  | <p>RANE PERFORMER DJ Controller User Guide - Setup, Features, and Operation</p> <p>Comprehensive user guide for the RANE PERFORMER DJ controller. Learn about setup, features, deck controls, performance pads, effects, mixer controls, and technical specifications.</p> |
|  | <p>Rane SL4 DJ Audio Interface: Quick Start Guide & User Manual</p> <p>This quick start manual provides essential information for setting up and using the Rane SL4 audio interface with Serato DJ and Serato Scratch Live software. Learn about installation, hardware connections, software setup, and technical specifications for professional DJing.</p> |

RANE
ONE

User Guide English (20-115)
Guía del usuario Español (115-215)
Guide d'utilisation Français (215-315)
Guida per l'uso Italiano (315-415)
Benutzerhandbuch Deutsch (415-515)
Appendix English (515-615)
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[Rane ONE DJ Controller User Guide](#)

Comprehensive user guide for the Rane ONE DJ controller, detailing setup, features, operation, and connectivity. Learn how to use the Rane ONE with Serato DJ Pro for professional DJ performances.

RANE
ONE MKII
User Guide



[RANE ONE MKII User Guide - Comprehensive Operation and Features](#)

This user guide provides detailed information on the RANE ONE MKII DJ controller, covering setup, features, controls, operation, effects, technical specifications, and more. Learn how to use your RANE ONE MKII for optimal performance.

RANE
ONE MKII
User Guide



[RANE ONE MKII User Guide](#)

Comprehensive user guide for the RANE ONE MKII DJ controller, covering setup, features, operation, effects, device menu, technical specifications, and more. Learn how to use your RANE ONE MKII with Serato DJ Pro for professional DJ performances.