

# RANE FOUR Firmware | Release Note

## History

# RANE FOUR

This document outlines the latest changes for the RANE FOUR.

Version: 1.8.0.18 | Release Date: 04-03-2025

### New Features

- **Jog Touch Sensitivity** - A new device menu option was added to adjust the touch sensitivity of the jog wheels. You can now choose between Low, Med, High, and Very High in the device menu.
- **Key Adjust Long Press** - A new device menu option has been added for the Key Adjust buttons that require a long press. This setting helps prevent inadvertent key changes when pitch bending. When the long press option is selected, and a long press has been actioned, the next presses are instant until 3 seconds have passed.
- **Save the same FX to Multiple FX Buttons** - Added the ability to save the same effect with different parameters to multiple FX buttons.
- **Microphone 1 Reverb FX** - Added Reverb effect to Mic 1. You can now choose between Echo and Reverb in the device menu. The Reverb effect offers Room Size, Pre-delay, and Depth parameters.
- **Microphone 1 Echo FX BPM Sync** - Microphone 1 Echo effect rate is now set based on the currently selected deck BPM with a fixed Beat divisor of 1/2.
- **Acapella & Instrumental FX Swap** - A new menu option, ACAP/INST FX, was added, allowing you to swap the primary and secondary functions of the Acapella & Instrumental buttons. When set to PRIMARY, stem FX are triggered without holding Shift.

### Improvements and Fixes

- Improved button debounce for all buttons
- Fixed an issue that caused the Play/Pause button to sometimes not trigger on press or trigger unexpectedly without pressing.
- Fixed an issue that caused the Shift button to get latched
- Fixed a platter touch issue caused if the device is powered on with a hand on the platter
- Changed Mic to Booth option to ON as default
- Increased the audio mixing speed for all faders
- Increased the intensity of Reverb Main FX

- Changed the pad colors for the custom user pad mode (Shift + Hot Cue pad mode button). The pads are now Blue (non-shifted) and Orange (Shift+) once the pads have been MIDI mapped to an SDJ function. The pads are Yellow when not mapped.
- Fixed the sync of SDJ beat when switching from various internal effects
- Fixed Rider FX changing time base when changing scale
- Fixed an issue where the HW/SW FX button was getting out of sync with SDJ
- Fixed Rider FX when switching between Oct1/2 quickly
- Updated FX Reset function to restore all working effect parameters
- Fixed an issue where holding Shift & pressing other FX buttons changed the beat division and parameter for the currently selected effect.
- Improved the GUI of BPM on the left deck so that it does not shift position when changing between automatic and manual modes.
- Fixed LED flicker with some LEDs during the startup bloom
- Improved dim/bright intensity for RGB LEDs
- Fixed the Key Adjust LED behavior when not in SDJ mode
- Various other stability enhancements & improvements

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Version: 1.7.0.8 | Release Date: 06-10-2024

## New Features

- **Stem Level Control** - Stem levels can now be adjusted using the EQ knobs. To enter Stem Level mode, hold Shift and Press the Channel Cue button for the desired channel.
- **BPM Copy** - The BPM from one deck can now be copied and applied to the adjacent deck. To copy the BPM, place the BPM cursor on the deck that you'd like to copy, hold Shift and move the joystick in the direction of the deck you want to apply the copied BPM to.
- **New Internal FX 'CHOPPA'** - This effect cuts the audio to simulate popular fader cut techniques. Patterns are controlled by moving the joystick up/down and include 1-click flare, 2-click flare, 3-click flare, 4-click flare, transformer, 2-to-1 alternator, triform, and uzi.
- **New Internal FX 'MUTE'** - This effect temporarily mutes or attenuates the signal level when the FX paddle is engaged.
- **Main Output Pre/Post** - The Main meters can now show the output signal level pre or post the Main level knob. This setting can be adjusted in the device menu. Post Main knob is the default behavior.

## Improvements and Fixes

- FX buttons can now be disengaged, 'None'
- Add Beat value of 4 to Echo Out, Matrix, and Scale DN
- Added more Bit Crush variables for bit depth and average parameters
- Fixed an issue with Stutter Out BPM Changes
- Fixed OLED screen saver timeout to always be 2 minutes

- Prevent channel mix clipping of the Main outputs if the Main output level knob attenuates the mix below the clipping point.
  - Reduce crossfader cut-in at minimum to absolute physically smallest
  - Improve center detent, linearity, and resolution of pitch sliders
  - Increase buffer size and timeout handling of USB MIDI data when USB host is very slow to process the USB endpoint (e.g. Apple M1 silicon).
  - Fixed a potential button latch issue
  - Improve attack and debounce of the performance pads
  - Fixed an issue that prevented the Deck Select LEDs from updating when holding Shift
  - Rename CENSOR menu item to SILENT CUE > SWAP CENSOR > YES/NO
  - Improve encoder scrolling response
  - Fixed LED states when switching USB selector while holding Shift
  - Various other stability enhancements & improvements
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Version: 1.6.0.2 | Release Date: 10-19-2023

### **Improvements and Fixes**

- Fixed EQ phasing issue with microphones
  - Improved communication with the jog wheel displays
  - Various other stability enhancements & improvements
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Version: 1.5.0.2 | Release Date: 05-24-2023

### **Improvements and Fixes**

- Improved communication with the jog wheel displays
  - Various other stability enhancements & improvements
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Version: 1.4.0.1 | Release Date: 03-28-2023

### **Improvements and Fixes**

- **Control Surface & DSP**
  - Added +6dB of digital gain to the headphone outputs
  - Fixed an issue where the HPF parameter was not set correctly for Echo & Hold Echo FX
  - Several improvements to platter touch logic
  - Improved user pad mode behavior when switching USB input source
  - The user pad mode now resets on power cycle and hot plug

- Other various stability enhancements & improvements
- **Wheel Display**
  - Fixed an issue where the overview waveform did not render in certain conditions
  - Improved needle rotation
  - Fixed a missing pixel with the classical key setting
  - Other various stability enhancements & improvements

**Note:** All device and FX settings are reset to their factory values during a firmware update.

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Version: 1.3.0.10 | Release Date: 03-28-2023

## **Improvements and Fixes**

- **Control Surface & DSP**
  - Fixed an issue where the HPF parameter was not set correctly for Echo & Hold Echo FX
  - Improved user pad mode behavior when switching USB input source
  - The user pad mode now resets on power cycle and hot plug
  - Other various stability enhancements & improvements
- **Wheel Display**
  - Fixed an issue where the overview waveform did not render in certain conditions
  - Fixed a missing pixel with the classical key setting
  - Other various stability enhancements & improvements

**Note:** All device and FX settings are reset to their factory values during a firmware update.