Rane Sixty-Eight Mixer for Serato Scratch Live

Two computers, two USB ports, four decks and a range of effects make the Sixty-Eight the ultimate house / mobile / studio mixer.

Includes Serato Scratch Live with 4 Serato Control Vinyl and 4 Serato Control CDs.

Includes ASIO and Core Audio drivers to use with other software and effects.

Using two USB ports, the Sixty-Eight lets two DJs use their laptops at the same time, allowing seamless handover between DJs. You can also control up to four decks with a single laptop.

Armed with studio-grade phono preamps, USB and S/PDIF inputs, the Sixty-Eight allows a blend of analog and digital audio sources like never before. It features easy internal digital effects with on-beat effect switching, external analog inserts for hardware effects, and USB insert support for software effects.

- Input Channels:
  - Four stereo inputs, each switch to Phono, Line or S/PDIF.
  - Four stereo Auxiliary Line inputs.
  - Four stereo USB playback options.
- Two independent USB 2.0 high speed ports:
  - Each supports twenty-two 32-bit audio channels at 48 kHz.
- Direct control of over 30 Library, Cue and Loop functions.
- Support for two, three or four Virtual Decks in Serato Scratch Live.
- Flexible USB recording from any input or output.
- 3-band, full-cut EQ with a sweepable High / Low pass Filter.
- Unique FlexFX bus with six internal effects, plus analog effects insert and USB support for software-based effects.
- Two independent mic inputs:
  - One has +48 volt phantom power
  - One has a line-level input switch for wireless.
- Unit size: 14.3″H x 12″W x 4″D (36.4 x 30.5 x 10.2 cm)

serato SCRATCH LIVE RANE ASIO

Sixty-Eight Mixer Controls

Mic 1 allows +48 volt switchable phantom power.
Mic 2 allows switchable Mic or Line-level input.
Both Mics have 2-band full-cut tone controls.
Either Mic can route to FlexFX or record to USB.

Four Program buses, each includes:
- Four Phono - Line - S/PDIF Inputs.
- Four Aux Line Inputs.
- Four USB playback Inputs.

Two USB ports, each with six stereo record channels and five stereo playback channels simultaneously available, allows two DJs with their own laptops to share the mixer.

The outer strips directly control Serato Scratch Live functions such as Cue Points, Loops, Track Library, and recalling custom Groups.

The Control Point button selects the USB port in control of the control strips.

Back buttons shift between crates & tracks. Scroll knob scrolls crates & tracks, click it to load the track to a deck.

In Auto mode, Loop buttons use the Scratch Live auto-loop, lighting the buttons green. In Manual mode, Loop buttons use manual looping features, lighting the buttons orange. Select knob adjusts the loop length.

Program buses include 3-band full-cut tone controls plus sweepable Low-pass / High- pass cut filters.

FlexFX are stackable:
- Six internal effects with seamless on-beat switching between effects.
- External Insert engages the external analog Effects Loop.
- 5 Insert engages software effects through USB.

Level controls on each Output:
- Main Output on XLR jacks
- Booth Output on 1/4" TRS
- Session Output on RCA

True Split Cue for any Program bus or the FlexFX submix with effects to the front panel 1/4" and 3.5 mm headphone jacks.

Recall Cue Points with “Hot Cue” behavior supported in Scratch Live.

The FlexFx Loop can create a sub-mix with any combination of the four Program buses and two Mics, and then add internal or external effects. This submix may be recorded via the USB Send, or output by the analog FlexFx Loop Send.

Controls the level of the FlexFx signal to the Main Mix.

Supports 2, 3 or 4 Virtual Decks in Serato Scratch Live on one or two computers.

Contour controls adjust faders and the Crossfader for a smooth transistion or a fast cut.

The Crossfader is a no-noise, no-bleed magnetic fader.

Record to USB from any Program bus, any Mic or the Main Output.

Mounting Ears Accessories

The optional 14" EARS kit is available for securing the mixer in a coffin, and the optional 19" EARS kit mounts the Sixty-Eight in a 19" rack. Both are made from the same metal and finish as the Sixty-Eight Mixer.

CASE4 on the Road

The CASE4 fits the Sixty-Eight, made from high impact NK-7 resin designed to absorb the shocks of transport. While being watertight, it is equipped with an automatic pressure release valve to equalize pressure inside the case. There’s added space beneath the mixer for headphones, cables, phono cartridges and other small items. The case measures 7.5” x 16” x 19.75” (19 x 41 x 50 cm).

Sixty-Eight Effects

FlexFx

The FlexFx Bus in the Sixty-Eight works differently than other basic effect insert solutions. The FlexFx Bus is more like an auxiliary bus that can have multiple signals assigned to it. Those combined signals can have internal effects, external analog effects and external USB effects applied in any combination. It is possible to cue and control the level of this auxiliary mix in the Main Mix. This architecture is very flexible and not at all like simply inserting an effect in a signal path and turning it on. The order of processing in the FlexFx Bus is:

1. FlexFx assign for each PGM and Mic.
2. Internal Effects
3. External Analog Insert
4. USB Insert
5. Cue
6. FlexFx On
7. FlexFx Mix Level control.

Internal Audio Effects

The six built-in effects are:

- Filter
- Flanger
- Phaser
- Hold Echo
- Robot
- Reverb

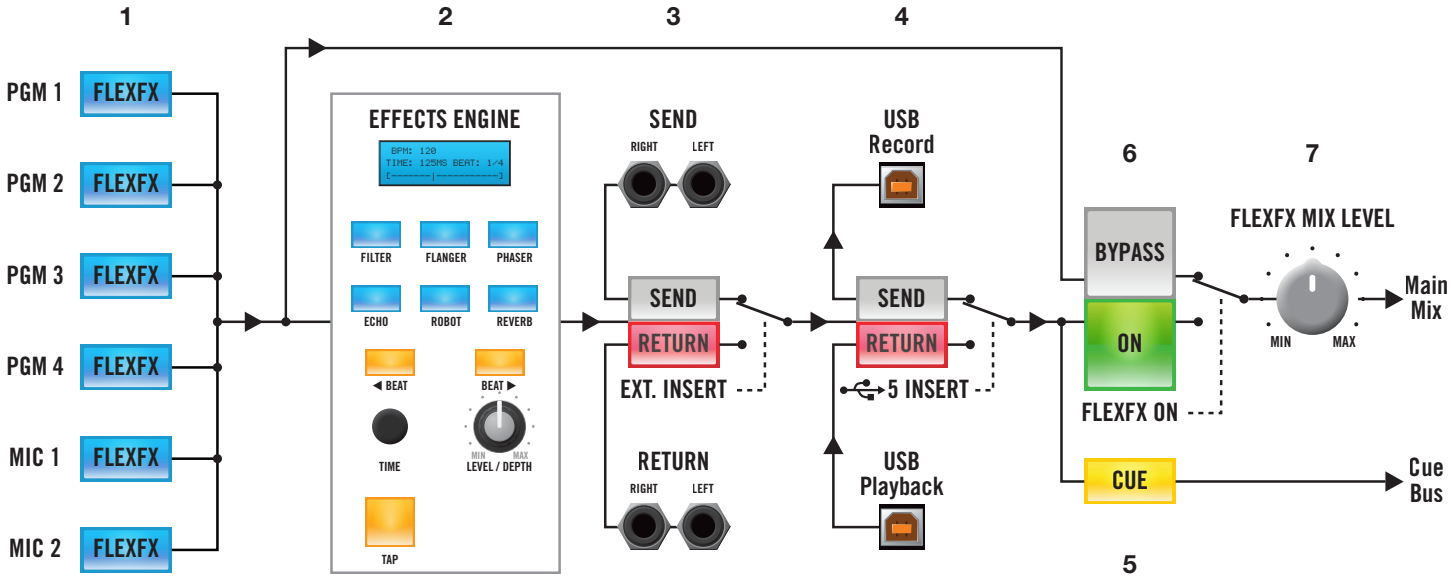
An exciting feature is the Sixty-Eight's ability to synchronize its internal effects to songs tagged with BPM values in Serato Scratch Live.

External Audio Effects

Your favorite stereo effects unit, connected to the FlexFX Loop Send and Return, can be inserted independently or in combination with other effects.

USB Effects

The DJ-FX plugin included with Scratch Live gives you control of two more FX units, each with three chained effects slots per unit. Control and insert DJ-FX using the FlexFX 5 Insert.



Scratch Live Minimum Computer Requirements

Before purchasing a Mac or PC, please check the Scratch Live section of serato.com for the best compatibility and performance with the latest version of Scratch Live.

NOTE: If you are using Scratch Live's more system-intensive features such as the DJ-FX plugin or the optional Serato Video plugin, you may need a higher spec computer. Read the FAQ and the Computer Optimization Guide for Digital DJs at serato.com.

serato.com/scratchlive

Sixty-Eight Specifications

Analog Inputs	4 Stereo unbalanced RCA jacks
……Phono, Line or S/PDIF input	Rear panel switches for each input
……Phono Response	RIAA ±1 dB, Gain: 35 dB at 1 kHz
……Max Phono Input	115 mV
……Max Line Input	4 Vrms
S/PDIF Inputs	16-bit or 24-bit PCM only
……SRC Output	Always 24-bit
……Input Sample Rate	16 kHz to 144 kHz
……SRC Output Sample Rate	Always 48 kHz
ADCs	24-bit, 48 kHz; Dynamic range 101 dB A-weighted
DACs	24-bit, 48 kHz; Dynamic range 107 dB A-weighted
Digital Signal Processing	48 kHz, 32-bit floating point
USB Audio	Six Stereo Record, Five Stereo Playback
……	48 kHz, 32-bit floating point
FlexFX Return	Stereo unbalanced ¼″ TS (tip-sleeve) phone jack
FlexFX Send	Stereo unbalanced ¼″ TS phone jack
Mic Inputs	Balanced ¼″ TRS & XLR combination jack
……Tone Controls	2-band, High and Low
……Mic 1	+48V Phantom Power on/off switch
……Mic 2	Mic/Line-level switch
Line Outputs: Frequency Response	20 Hz to 20 kHz ±0.25 dB, Line in to Line out
……THD+N	<0.01% re 0 dBFS, 20 to 20 kHz, 20 kHz BW
……Unbalanced jacks (RCA & FlexFX)	Maximum 4 Vrms
……Balanced jacks (Main & Booth)	Maximum 8 Vrms
Universal Power Supply	100 to 240 VAC, 50 Hz to 60 Hz, 15 W max
USB Power	Mixer is self-powered
Unit Size	14.3″ H x 12″ W x 4″ D (36.4 cm x 30.5 cm x 10.2 cm)
……Weight	11.3 lb (5.2 kg)
Shipping Size	7.75″ H x 15″ W x 19.25″ D (19.7 cm x 38.1 cm x 49 cm)
……Weight	16 lb (7.26 kg)
Refer to the Appendix in the Sixty-Eight Manual for chassis and ear dimensions.	
All specifications are typical unless otherwise stated.	

Core Audio & ASIO Drivers

These included drivers allow the Sixty-Eight to act as a 10-in 12-out USB external sound card for use with multiple third-party software clients supporting Core Audio (Mac) or ASIO (Windows). The Sixty-Eight controls are MIDI-mappable with supporting software.

Serato Control Vinyl and CD

The Serato Control Vinyl and Control CDs each contain the Serato NoiseMap™ Control Tone, a unique control signal which allows Scratch Live to track the motion of the record, simulating the same movement with digital audio.

Optional Serato Accessories

Serato has certified a select range of new generation controllers with USB connectivity to Scratch Live. Scratch Live can send track information from the software to the supported hardware on-board displays. Use the platters, buttons and sliders instantly, as the supported hardware has pre-mapped controls for a no-fuss setup. Check serato.com/scratchlive for the latest Serato Approved USB Controllers.

Included in the Box

- Sixty-Eight Mixer
- 2 USB cables
- Printed color manual
- Quick Start / Keyboard Shortcuts page
- 4 Control Vinyl Records
- 4 Control CDs
- Scratch Live software install disc
- IEC C5 line cord.

serato.com

Features are being added and improved, and the latest version of Scratch Live is a free download. The Forum at serato.com is the best place for scratch live technical support and performance tips from thousands of other DJs.

whitelabel.net

The Serato Whitelabel Delivery Network is a unique system that allows record labels to digitally deliver promotional releases directly to Scratch Live DJs. To download Whitelabel audio files and sign up for updates on the latest promotional releases, visit whitelabel.net.

dj.rane.com

Visit the Rane DJ website for the most up-to-date information on all Rane hardware, manuals, accessories, support, community, newsletter and blog.

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