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You can read the recommendations in the user guide, the technical guide or the installation guide for RANE SL 1. You'll find the answers to all your questions on the RANE SL 1 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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RANE SL 1 DATA SHEET

serato || SCRATCH LIVE

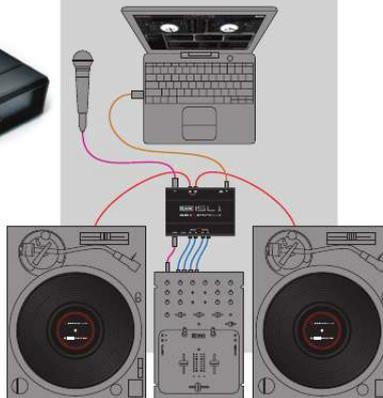
SL 1 for Serato Scratch Live

The Rane SL 1 is the ultimate solution for bridging the analog world of vinyl and the digital world of computer audio files. Using regular turntables or CD players, you can scratch and mix files from your Mac or Windows computer's CD or hard drive, add in a live mic input for scratching, and even bypass to standard vinyl if you wish. Take your entire collection wherever you go and leave your precious vinyl and CDs at home!

The SL 1 interface connects one or two standard vinyl or CD turntables to your computer and the mixer of your choice. This extremely rugged, portable, high quality, bus-powered USB interface features two switchable phono or line inputs, a microphone input, two line outputs, and pass thru outputs for the phono/line and mic.



The included 12" vinyl records each have Serato's exclusive and unique control signal which allows Scratch Live to track the motion of the record, simulating the same movement with digital audio. Due to Serato's proprietary control schema, the result is a feel and sound indistinguishable from playing vinyl. As a producer and DJ, the track you finished today can be played on a real turntable tonight. You'll never have to cut a dubplate again!



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Manual abstract:

Using regular turntables or CD players, you can scratch and mix files from your Mac or Windows computer's CD or hard drive, add in a live mic input for scratching, and even bypass to standard vinyl if you wish. Take your entire collection wherever you go and leave your precious vinyl and CDs at home!

As a producer and DJ, the track you finished today can be played on a real turntable tonight. You'll never have to cut a dubplate again!

SOFTWARE Scratch Live supports all these file formats: Fixed and Variable Bit Rate MP3, AIFF, AAC, WAV, OGG Vorbis, CD Audio and direct from the mic input. Import files easily by dragging from Explorer (Windows) or the Finder (Mac) into the Scratch Live library. Easily import your playlists and iTunes library. You can play and scratch tracks direct from CD and CD-ROM. Includes extensive keyboard shortcuts for efficient function access. Built-in help and tips in multiple languages are accessible anytime. Low power warning when running off a laptop battery. No preprocessing of MP3 files is required except to use the auto-BPM and auto-gain functions.

Auto-BPM detects tempo information for tracks without it, saving it with each file. A tap tempo button allows you to enter your own. Includes an ASIO driver to use the SL 1 with other software. Scratch Live has different operating modes that can be assigned to each Virtual Deck. Absolute Mode -- exact reproduction of record movement, needle drop through tracks just like normal vinyl.

The beginning of the track is mapped to the start of the record. Relative Mode -- skip-free scratching, jump to cue points, and pitch bend buttons combined with turntable control. This mode observes the relative forward and backward movement of the record, but does not regard the position within the record.

Internal Mode -- mix with just your laptop using features modeled on DJ CD players. Rewind, Bend down, Play / pause reverse, Play / pause forward, Bend up, Fast forward.

As the vinyl rotates, so does the line on the label. The time and remaining time are displayed in minutes and seconds.

Side B: 15 minutes. Continuous control signal on vinyl allows smooth accurate scratching. Edit ID3 tags with full Unicode support. When a track is loaded, the track name, artist and length are displayed in the track title bar, and the Virtual Deck shows a solid black line. The track starts playing as soon as it detects the signal from the control vinyl (or CD). Turntable lock feature only allows loading on a stopped deck to prevent accidental track changes. Instant doubles -- load the same track on both decks at the same point for instant flange effect and back-to-backs. SL 1 DATA SHEET HARDWARE INTERFACE (SL 1) USB 1.

1 (full speed) interface with ultra-low latency drivers. Bus-powered for fast, simple set up. Phono level inputs for direct connection of 2 turntables to your computer -- no phono preamp required. Line level inputs -- no extra hardware required for CD decks and line-level turntables. Input-thrus allow you to switch instantly back to playing regular vinyl. Microphone input with adjustable gain, and a Microphone thru output. The analog circuitry is fully isolated from the noisy USB Bus. Optional external power pack for permanent installations, or for switching computers during a live show. The thick cast aluminum chassis will survive most road collisions. SL 1 SPECIFICATIONS USB Power Optional External Power Pack CODEC Line Output: .

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THD+N

..Maximum OutputDynamic Range Input to Thru ...

...GainMaximum Input / Output .

.....

Dynamic Range Phono Input

..Maximum Input Line InputMaximum Input Mic Input to ADC ...

...Maximum / Minimum GainMaximum Input Mic Thru .

.....

Gain

..Maximum OutputNoise (all specs typical) 300mA, 5.0 Volts 300mA, 9.0 Volts 16-bit / 44.

1 kHz sample rate Unbalanced RCA -88 dB (1 kHz, 0 dBu, 20 kHz BW) +5 dBu, +3 dBV 94 dB A-weighted Unbalanced RCA Unity 2 Vrms 110 dB A-weighted Unbalanced RCA 35 mVrms Unbalanced RCA 2 Vrms Unbalanced 1/4" Tip-Sleeve 49 dB / 9 dB 150 mVrms Unbalanced 1/4" Tip-Sleeve +6 dB 300 mVrms 3.5 uVrms A-weighted MINIMUM SYSTEM REQUIREMENTS · A DJ mixer with at least 2 channels. · At least one turntable or CD player. · Computer with USB 1 port (USB 1.1). · Screen res. 1024 x 768 or higher. · Hard drive space for storing music. Mac · 1 GHz G4 with 1 GB RAM · OSX 10.3.

9 or higher MAC WIN · Intel Mac compatible Windows · 1.5 GHz PC with 1 GB RAM · Windows XP with Service Pack 2 or higher, or Vista. We recommend Windows XP over Vista for performance reasons. By using XP, you can have a lower latency (for a better vinyl feel) and better performance in general. Note:

This is the minimum requirement to run Scratch Live.

We recommend a higher spec computer, and if you have a large library, you will benefit from having more RAM. © 2008 Rane Corporation. All rights reserved. are the trademarks of Serato Audio Research. Trademarked in the U.

S. Licensed exclusively to Rane Corporation. ©Rane Corporation 10802 47th Ave. W., Mukilteo WA 98275-5098 TEL 425-355-6000 FAX 425-347-7757 WEB www.rane.com All features & specifications subject to change without notice. DOC 107529 - 18048 - 1/2009 .



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