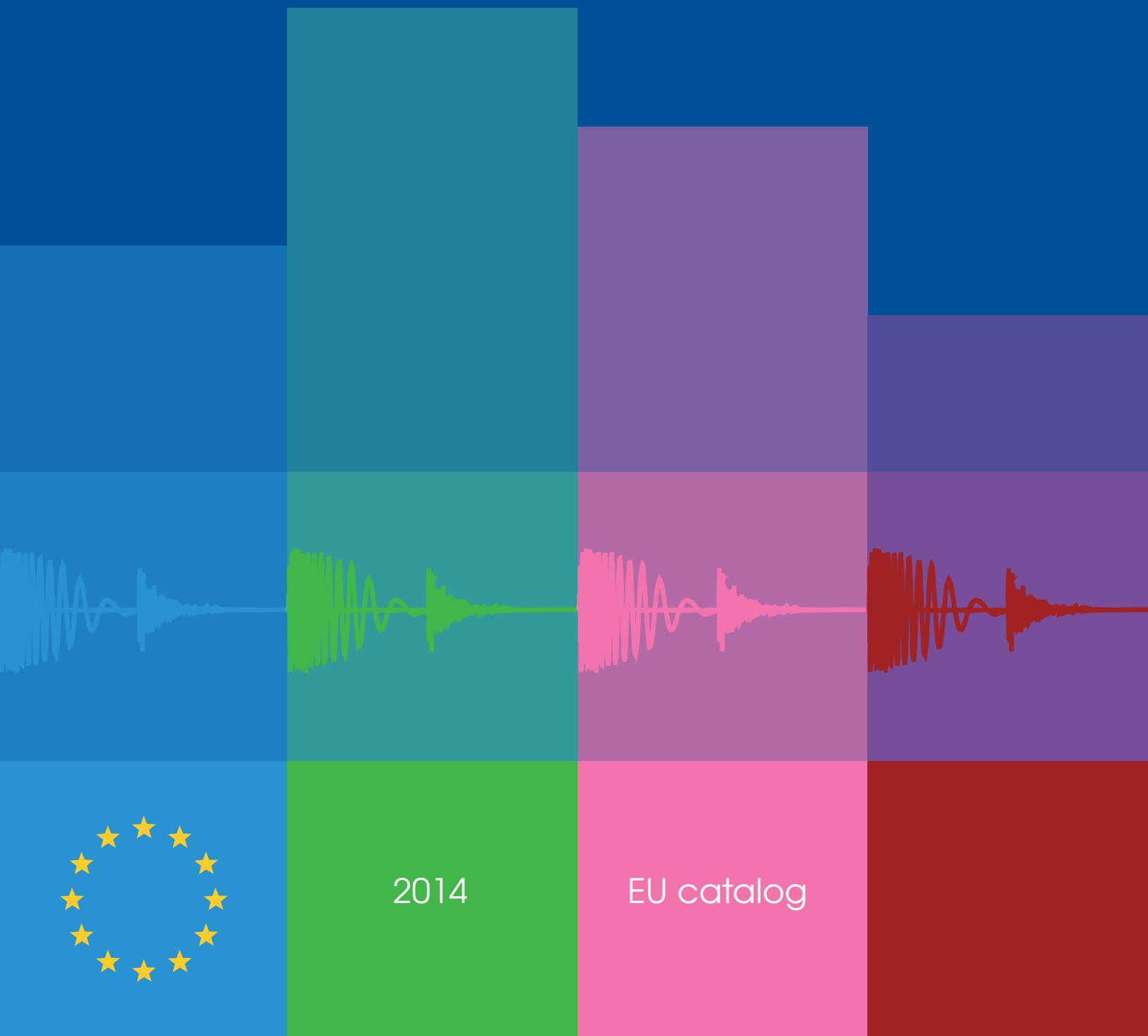


RANE dj



2014

EU catalog



Rane is pleased to announce that our products which previously included Serato Scratch Live software are now fully supported by Serato DJ software. DJs currently using Serato Scratch Live with supported Rane hardware have the option to migrate to the new and improved Serato DJ free of charge. If you're familiar with Scratch Live, the transition to Serato DJ is easy and intuitive.

Serato DJ provides support for DVS (digital vinyl system), iZotope FX, Sync, Slip Mode, more Cue points, jump-to-loop, an improved 24-slot sampler and takes advantage of the high performance, ultra-low latency Rane ASIO and Core Audio drivers. Both programs share compatible song libraries, the same general workflow and deck layout.

Serato software combined with Rane hardware is the ultimate solution for professional DJs, using your turntables or CDJs with Serato Noisemap™ discs to control Serato DJ. This intuitive DVS replicates the traditional DJing experience for "real feel" usability. With unparalleled performance, sound quality and stability, you'll know why thousands of DJs worldwide choose Serato and Rane.

Serato's famous Virtual Decks give you all the key track information. Easy to read BPM, time remaining/elapsed, track progress, pitch information and cue point indication are all clearly displayed.

Full color waveforms visually represent the audio frequencies. Red represents bass, green is mid-frequency and blue represents high treble sounds. The track Overview shows you playhead location and what's coming up.

Library management of your audio and video files is a breeze. Organize your music, build crates, view previous sets and add album art. Serato DJ can also load your iTunes library. Prepare audio files for playback with auto-gain and BPM calculation.

Use keywords, genre, BPM or other rules to create Smart Crates that automatically update. Choose from multiple horizontal or vertical display modes to suit your performance style.



Classic Vertical Mode with two decks.

New in Serato DJ

- Includes FX powered by industry leaders iZotope, enabling you to manipulate your songs and add another dimension to your mix. Additional iZotope FX Expansion packs can be purchased to grow your arsenal of FX.
- Always a controversial subject, sync is finally here for DVS DJs that want it. Hit sync to get tracks in time quickly, allowing you to do other things instead of moving the pitch slider. Try it, you might like it! If you don't, disable it and never see it again.
- Use Slip Mode when scratching, using cue points and loops or other performance features, then when you've finished the playhead jumps back to where it would of been, always on beat.
- Set and trigger up to 8 Cue Points and 8 loops. Jump to different sections in your track, loop with Manual and Auto loops or drop a loop roll with ease.
- Trigger your favorite stings, samples and loops over your tracks with 4 Banks of 6 sample slots. The SP-6 sample player has two views to suit your preferences, Advanced mode, designed for preparing your samples, and a Simplified mode with minimum controls to focus on what is important during your performance.



Horizontal Stack Mode with four decks on the SL4, Sixty-Four or Sixty-Eight.

Optional plug-ins

Serato Remote and **Serato Remote Mini** lets you see and perform Serato DJ functions from a iOS smartphone or tablet.

Serato Video lets you control video playback just as you do with audio. Easily manipulate your videos with a large number of visual effects and transitions or add your own images, graphics and text to your performance.

Minimum System Requirements

- Available 2.0 USB port
- 1280 x 720 screen resolution
- Intel Core 2 Duo processor
- Intel 32 & 64-bit: i3, i5 or i7 1.07 GHz+
- 32-bit: 2.0 GHz+ with 2 GB RAM
- 64-bit: 2.4 GHz+ with 4 GB RAM

Mac: OSX 10.6 or higher

Windows: Windows 7 or 8

These are the **minimum** requirements to run Serato DJ without optional plugins. For best performance we recommend a higher spec computer. If you have a large library, you will benefit from more RAM. Please visit serato.com before purchasing a new computer.

FEATURES	SL2 interface	SL3 interface	SL4 interface	Sixty-One	Sixty-Two	Sixty-Four	Sixty-Eight	MP 2016S	TTM 56S
2-deck mixing	•	•	•	•	•	•	•	•	•
3-deck mixing		•	•			•	•	•	
4-deck mixing			•			•	•	•	
Two USB ports			•		•	•	•		
Mic input (¼" or XLR)				•	•	•	•	•	•
Phantom-power Mic input						•	•		
Second Mic input						•	•	•	
Mic input tone controls				•	•	•	•	XP 2016S	•
Mic Input FlexFX				•	•	•	•		
3-band full cut EQ				•	•	•	•	XP 2016S	•
Magnetic mixer faders				•	•	•	•		•
FlexFX loop				•	•	•	•		•
FlexFX USB insert for software FX				•	•	•	•		
FlexFX Built-in mixer effects					•	•	•		
USB bus powered	•	•	•						
Self-powered				•	•	•	•	•	•
USB input for Serato SP-6 output				•	•				
Serato SP-6 trigger buttons					•	•			
Serato Cue trigger buttons					•	•	•		
Serato Loop controls					•	•	•		
Serato Library / Load controls					•	•	•		
Aux / Session input & output		•	•	•	•	•	•		•
Aux inputs						1	4	5	
Software Thru outputs (deck direct)	•	•	•						
24-bit converters	•	•	•	•	•	•	•		
44.1 kHz USB audio	•	•							
48 kHz USB audio	•	•	•	•	•	•	•		
96 kHz USB audio			•						
Main outputs (XLR)					•	•	•	•	
Main outputs (¼" tip-ring-sleeve)				•					•
Booth outputs					•	•	•	•	
2 headphone outs (¼" & 3.5 mm)				•	•	•	•		•
Split cue headphone monitoring				•	•	•	•	•	
MIDI mappable	•	•	•	•	•	•	•		
MIDI beat clock in /out					•	•			
Core Audio & ASIO drivers	•	•	•	•	•	•	•		
SCRATCH LIVE compatible	•	•	•	•	•		•		
DJ included	•	•	•	•	•	•	•		

RANE SL2



The standard for professional DJs

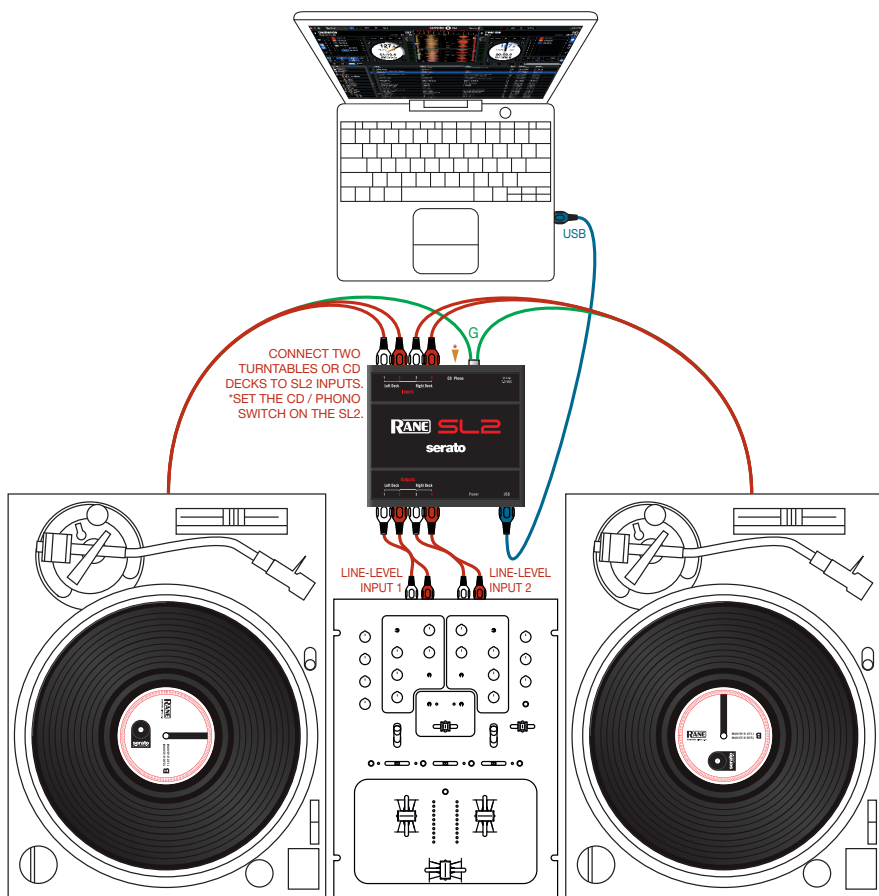
The Rane SL series of interfaces with Serato Scratch Live set the standard for vinyl emulation, and now ship with the improved Serato DJ software. Rane and Serato give you advanced features that add extra creativity to your DJing. This intuitive system replicates the traditional DJing experience for "real feel" usability. Low latency means the response time from touching the decks to hearing an audio signal is extremely fast. The SL series of interfaces work with computers running Serato DJ, Scratch Live, or third-party audio programs with ASIO and Core Audio support.

The Rane SL2 interface connects one or two standard vinyl turntables or CD decks to your computer using a single USB cable and audio connections to line inputs on any DJ mixer of your choice. This system includes Serato DJ software with two 12" Serato Control Vinyl records, two Serato Control CDs, USB cable, and RCA audio cables to your mixer. Galvanic isolation guarantees audio is actively isolated from USB and power. Several MIDI controllers are supported, and a current list is at serato.com.

The SL2 advances the technology from the original SL1 with these improvements:

- CD / Phono input switch on the box.
- Superior sounding 24-bit converters.
- Hotter 3 Vrms input and output.
- 44.1 or 48 kHz selectable sample rate.
- Smaller and more compact cast design.
- ASIO / Core Audio drivers for 3rd-party software.

The SL2 interface box is 5.5" x 5" x 1.3" (14.1 x 12.5 x 3.3 cm). See the "Minimum System Requirements" on page 2.



serato  DJ

RANE

The SL2 includes Serato DJ with 2 Serato Control Vinyl and 2 Serato Control CDs.

RANE SL3



3-deck interface for professional DJs

The SL3 connects one, two or three standard vinyl or CD turntables to your computer and the mixer of your choice. This intuitive system replicates the traditional DJing experience for “real feel” usability. With unparalleled performance and stability, you'll soon see why thousands of DJs worldwide choose Rane with Serato software.

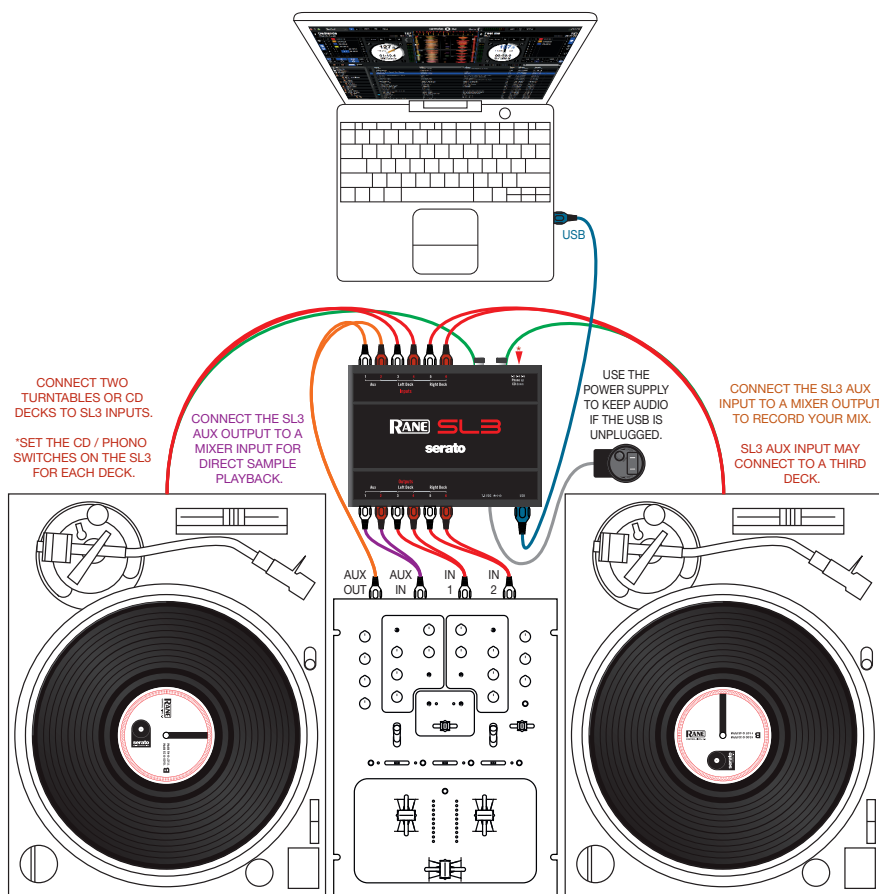
The auxiliary input provides a live input feed for creative sampling, recording your set or using a third vinyl turntable or CD deck. The auxiliary output delivers a third deck or the SP-6 sample player output to a dedicated input on your mixer. Studio-grade phono preamps and 24-bit audio processing deliver exceptional sound.

The SL3 includes two 12" Serato Control records and two Control CDs, USB cable, and RCA audio cables to your mixer. An international power supply with country adaptors is included to insure optimum performance and easy transfer when unplugging USB between DJs. A soft zippered carrying case for the SL3 is also included.

SL3 feature enhancements include:

- Supports up to three turntables or CD decks switchable in any combination.
- Aux Input for Live Mix Recording, LiveFeed or a third deck.
- Aux Output can be assigned to the Serato DJ SP-6 Sample Player or a third deck.
- 6-in 6-out sound card with any software supporting ASIO or Core Audio.
- Software and driver-switchable Direct Thru connections for regular vinyl or CD.
- External power supply included to provide Direct Thrus without a computer.

The SL3 interface box is 6.8" x 5" x 1.3" (17.3 x 12.6 x 3.3 cm). See the "Minimum System Requirements" on page 2.

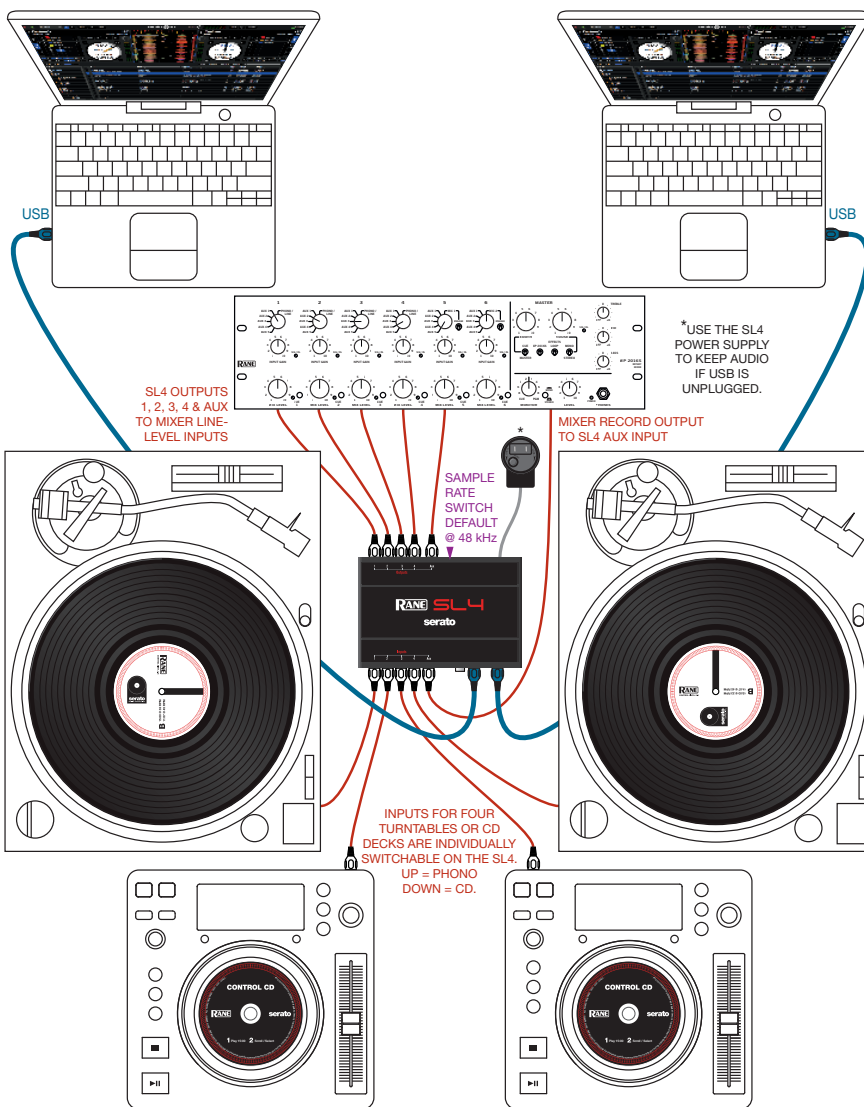


serato  DJ

RANE

The SL3 includes Serato DJ with 2 Serato Control Vinyl and 2 Serato Control CDs.

RANE SL4



4 decks and 2 computers with your favorite mixer

The SL4 connects up to four vinyl turntables or CD players to one or two laptops, using the mixer of your choice.

The SL4 is the first standalone DJ interface with two USB ports for seamless DJ changeover and back-to-back performances. Get superior sound with high quality 96 kHz, 24-bit audio. Built-in galvanic isolation between USB and audio, with turn on/off muting, ensures that only the purest interference-free audio signal is heard. Low-latency ASIO and Core Audio drivers allow using the SL4 as a studio production tool with multiple third-party software applications.

The SL4 includes four 12" Serato Control records and four Control CDs, two USB cables, and RCA audio cables to your mixer. An international power supply with country adaptors is included to insure continuous performance between DJs. A soft zippered carrying case for the SL4 is included.

SL4 feature enhancement summary:

- Supports up to four turntables or CD decks switchable in any combination.
- Two high-speed USB ports for two DJs for uninterrupted performances.
- Fifth Aux Input for session recording in Serato DJ or other audio program.
- Fifth Aux Output assignable to the Serato DJ SP-6 Sample Player.
- 48 kHz and 96 kHz sample rate switch on the SL4 rear panel.
- 10-in 10-out USB sound card with any software supporting ASIO or Core Audio.
- Bus power from either USB port or the included external power supply.

The SL4 interface box is 7.25" x 5" x 1.7" (18.4 x 12.6 x 4.3 cm). See the "Minimum System Requirements" on page 2.



serato DJ

RANE

The SL4 includes Serato DJ with 4 Serato Control Vinyl and 4 Serato Control CDs.

Sixty-Four Mixer for Serato DJ

The Sixty-Four is the ultimate plug-and-play mixer for a wide range of music, allowing remixing and music production at a new level.



The bar has been raised

You've mastered mixing and scratching on two channels. Pushing the limit is in your nature and it's time to raise the bar. The Rane Sixty-Four mixer and Serato DJ software are the tools you need to step your game up. More channels, more decks, more effects...challenge accepted.

Mixing four channels requires a wide variety of amazing transition effects, the ability to sync tracks, more flexible cueing and looping, and versatile transport and mixing capability. For DJs familiar with Scratch Live, the mixer and software will feel familiar and intuitive while providing the advanced features required to step your game up.

- Two USB ports simultaneously stream audio on two computers.
 - DJ handover has never been easier with all audio and MIDI automatically routed to the desired port from the mixer.
- Six stereo USB record and five stereo USB playback channels for DVS and multitrack recording, with dedicated channels for inserting any of the iZotope effects in the post-fader mix.
- Each of the four input channels has:
 - Four stereo Phono/CD input selection.
 - Access to shared AUX input.
 - Stream audio to/from one of two USB ports.
 - Gain Trim, 3-band isolator EQ.
 - High/Low-pass Filter with resonance adjust.
- Two fully independent microphone inputs:
 - One with phantom power switch.
 - One with line-level input switch.
 - Independent Trim, Pan, EQ and FlexFx.
- Advanced FlexFx Loop supports:
 - Six fantastic built-in BPM-driven effects.
 - Analog Insert for effect boxes.
 - USB Insert for each USB port allows post-fader Serato DJ iZotope effects.
- Two independent Serato DJ control strips.
- Unit size: 14.3"H x 12"W x 4"D (36.4 x 30.5 x 10.2 cm)



serato  DJ

RANE

The Sixty-Four includes Serato DJ with 4 Serato Control Vinyl and 4 Serato Control CDs.

Sixty-Two Mixer for Serato DJ



New features and controls with Serato DJ make the Sixty-Two hotter than ever.



The Sixty-Two is a plug-and-play package supporting two computers, two-deck digital vinyl simulation, the Serato SP-6 sample player, software and hardware effects and all the record and playback channels you need for two decks. Software controls for Library, Loops, Cues and SP-6 are laid out for fast and intuitive access.

A typical setup includes operation with two Serato DVS channels, SP-6 sample player on an independent USB Aux playback channel and software effects enabled on the USB digital insert in the FlexFx loop. Record Deck 1 post-fader, Deck 2 post-fader or the Main mix to your laptop.

The Sixty-Two Mixer is Rane's very best performance mixer. It includes all the great features of the Sixty-One, plus these additional features:

- Control Library, Cues, Loops and Samples on two computers, with direct control of more than 40 software parameters.
- Each of the 2 USB ports support 6 stereo record and 4 stereo playback channels. Two laptops may be connected at once for easy DJ handover.
- Internal Effects Engine with Filter, Flanger, Phaser, Echo, Robot and Reverb. MIDI beat clock in and out allows BPM sync'ed effects.
- The USB Aux Input dedicated to SP-6 sample playback includes a High/Low-pass Filter.

New Rane firmware included with Serato DJ introduces Shift functions right on the mixer:

- New Sync and Slip button controls.
- Change Filter Effects to low-pass or high-pass, with low-sync or high-sync.
- Set the Flanger Effect to positive or negative.
- Four selectable Echo modes including high-pass, hold echo, or duck Echo.
- Set the Mic and Deck USB record sources.
- Set the Deck sweep filter resonance.
- Headphone tone control.

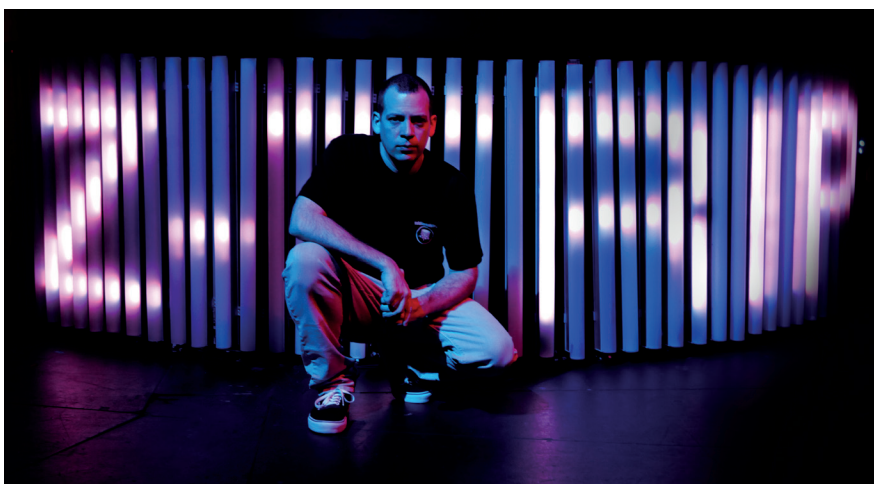
Unit size: 14.25" x 10.5" x 4"
(36.2 cm x 26.7 cm x 10.2 cm)



serato DJ

RANE

The Sixty-Two includes Serato DJ with 2 Serato Control Vinyl and 2 Serato Control CDs.



Z-Trip Edition Sixty-Two Z Mixer for Serato DJ

Z-Trip was one of the first premier DJs to embrace the Rane TTM 56 as his mixer of choice. He advanced further with the TTM 57SL, and now gets his own version of Rane's best turntablist mixer, the Sixty-Two Z.

Z-Trip is a musical pioneer and revolutionary, seamlessly blending genres to electrify dance floors around the globe. His sold out shows have included Coachella, Electric Daisy, Big Day Out, and Bonnaroo to name a few. As a DJ, artist and producer he continues to push boundaries. Z-Trip's produced remixes for Michael Jackson, Daft Punk, Beastie Boys, Nirvana, Kasabian, DJ Shadow, Missy Elliot, and many others. Z-Trip is a legendary party rocker, producer and DJ hero. He's proud to present the Rane Sixty-Two Z Mixer.



Functionally identical to the Sixty-Two with added bonuses:

- Face plate design by Shepard Fairey.
- Purple and yellow accents.
- Includes high-end purple RCA and USB cables in a special pouch.



serato  DJ

RANE

The Sixty-Two Z includes Serato DJ with 2 Serato Control Vinyl and 2 Serato Control CDs.

Sixty-One Mixer for Serato DJ



The Sixty-One is a plug-and-play package supporting two-deck digital vinyl simulation, software effects and all the record and playback channels you need.

The Sixty-One Mixer supports both analog and Digital Vinyl Simulation (DVS) playback. The Sixty-One's USB connects to computers running Serato DJ, Scratch Live, or third-party audio programs with ASIO and Core Audio support.

A typical setup includes operation with two Serato DVS channels, SP-6 sample player on an independent USB Aux playback channel and Software effects enabled on the USB digital insert in the FlexFx loop. This setup also allows recording Deck 1 post-fader, Deck 2 post-fader and the Main mix.

If you are looking for the same bullet-proof construction, pristine audio quality and integrated 20-channel sound card, but would like added hardware effects, a second USB port to share with another DJ and their laptop, dedicated controls for Library, Loops, Cues and the SP-6 sampler, see the Rane Sixty-Two Mixer.

- The USB 2.0 port supports 6 stereo record and 4 stereo playback channels.
- Great-sounding 32-bit floating-point audio processing sampled at 48 kHz.
- Deck controls include a Gain trim, 3-band full-cut isolator tone controls, Left/Right Pan, and a sweepable High/Low-pass Filter.
- Mic/line input is on a XLR/TRS jack with a trim, two-band EQ, and FlexFx assign.
- External analog insert provided for an analog effects processor.
- USB Insert for the software FX in Serato DJ.
- USB Aux Input for SP-6 sample playback with its own Headphone Cue and FlexFx.
- Magnetic crossfader and channel faders with top panel reverse and contour controls.
- All controls are MIDI-mappable.
- Unit size: 13.3" x 10" x 4" (33.8 cm x 25.4 cm x 10.2 cm).



serato  **DJ**

RANE

The Sixty-One includes Serato DJ with 2 Serato Control Vinyl and 2 Serato Control CDs.

Sixty-Eight Mixer for Serato DJ

Two computers, two USB ports, four decks, eight selectable inputs, software controls and a range of effects make the Sixty-Eight Rane's biggest mixer.



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 deck inputs, along with even more analog inputs, the Sixty-Eight blends a wide selection of analog and digital audio sources. 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, individually switchable 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 DJ. Serato Scratch Live, or other audio programs with Core Audio or ASIO support.
- 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 DJ

RANE

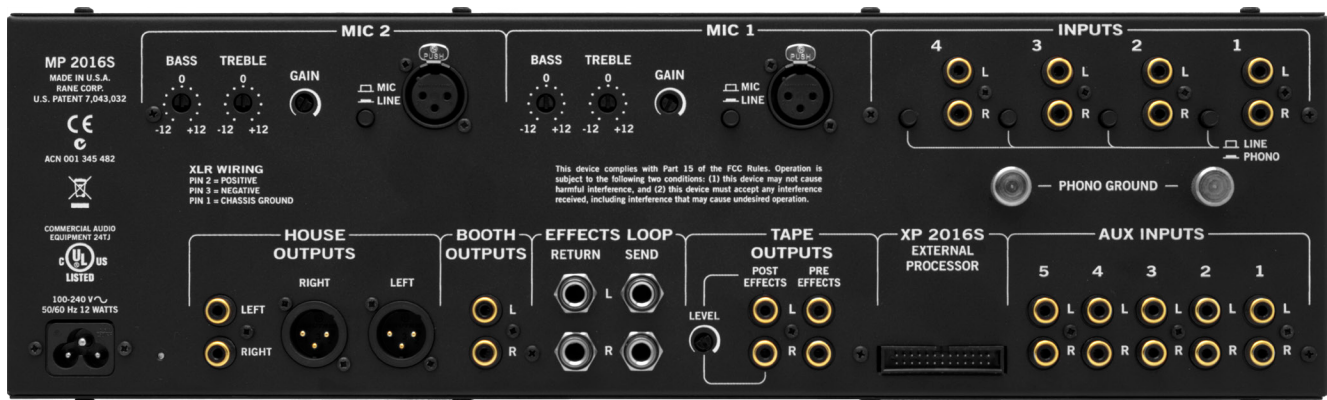
The Sixty-Eight includes Serato DJ with 4 Serato Control Vinyl and 4 Serato Control CDs.



Selected by the Red Bull
Music Academy



MP 2016S Rotary Mixer



- 6 stereo input buses with 4 phono preamps, 2 mic/line preamps and 5 aux line inputs.
- Each bus includes initial gain controls and individual cue switches. The headphone amplifier features split master/cueing.
- The Booth output is master or cue switchable. The Mic Engage switches can duck the Booth outputs 12 dB (internally defeatable).
- The Master (House) output features Accelerated Slope™ 3-band full-cut tone controls with a range of +6 dB to off.
- Switchable stereo effects loop; Pre- & post-effects tape outputs; XLR mic inputs, 1/4" effects loop, XLR and RCA outputs.



optional XP 2016S Processor

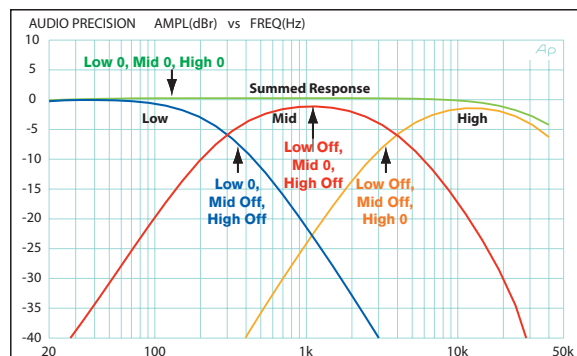
- Adds Active Crossfader™ with full-range Contour control and individual Crossfader assign switches.
- Adds Accelerated Slope™ 3-band tone controls to each input bus.
- Master/Cue meters follow the headphone split cue selection.
- The included cable connects the XP 2016S to the MP 2016S.
- Internal universal power supplies work anywhere (100-240 VAC).
- Size (each): 5.25"H x 19"W x 5.3"D (13.3 cm x 48.3 cm x 13.5 cm).



TTM 56S Performance Mixer

Rane takes performance mixer design as seriously as DJs take their art form. The TTM 56S is flexible, durable, and feature packed. The audio quality qualifies it for use in the most demanding live venue, recording studio or live broadcast applications.

- Mic input with tone controls and mic effects loop.
- Faders and Crossfader have Contour and Reverse controls.
- Stereo Aux Input for session mix, MP3 player or keyboard.
- Stereo Aux Output for session mix, booth, recording.
- Post-fader FlexFX™ allows external reverb and echo decay effects to respond to fader action without cutting off tails.
- All four inputs are Phono/Line switchable, letting you connect four turntables, four CD decks or any combination.
- Both 1/4" and 3.5 mm headphone jacks on the front panel.
- Unit size: 13.3" x 10" x 3" (33.8 x 25.4 x 7.7 cm)



3-Band Accelerated-Slope™ Full-Cut EQ

High, Mid & Low tone controls react from +6 dB to off, for complete bass and treble cut on each channel. Engage switches allow A/B comparison and the ability to quickly cut or add tone effects.

Non-Contact Crossfader and Channel Faders

Rane's magnetic fader is the fastest, most accurate, and longest lasting on the planet. The design uses non-contact magnetic position sensor technology previously reserved for aerospace applications. Unlike optical non-contact faders, the magnetic fader is impervious to smoke, moisture, temperature and aging. The electrical performance is totally unaffected by use. No noise, no bleed — ever!



How-to properly set Rane mixer level controls

Correctly setting DJ mixer level controls is one of the most important contributors to creating an excellent sounding system. Once you master the fundamental principles you'll know how to get the best possible audio quality from your Rane DJ mixer. To ensure proper level setting, Rane DJ mixers are designed with a professional audio metering system much like you'd find in a studio grade mixing console. If you're familiar with pro-audio mixing consoles, Rane DJ mixer metering will be a no-brainer, but if this is your first introduction to professional audio metering it may be a bit different from what you're accustomed.



DJ mixers have a lot of level controls (wouldn't be much of a mixer without them). Knowing the proper setting for each control is a bit confusing, especially when adding a software program to your system. Luckily, audio software and DJ mixers include similar controls. Both include individual gain/trim controls, level meters for each channel, and a master output level control.



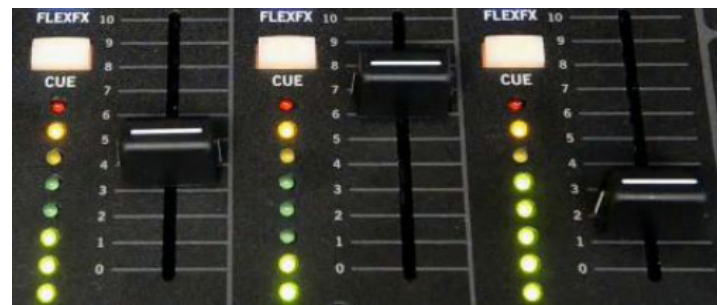
Follow the golden rule and keep your level meters out of the red. Think of a level meter as a traffic light. Green means you're ok to proceed, yellow means caution and red means stop. Your goal is to turn the gain controls up so that your level meters are peaking in the high yellow- almost to red but not quite. When level meters hit red, you run the risk of clipping or simply distorting the heck out of the audio. In case you're wondering, both sound terrible.

When using a software program it's important to adjust your level controls properly within the program before tweaking the level controls on your mixer. Once the level meters within the

software are adjusted properly (i.e., no red), you're ready to adjust the level controls on your mixer.

Using Rane mixer metering

Rane mixers use Quasi-Peak meters with peak hold. What the heck is quasi-peak you ask? Quasi means, having a likeness to or resembling something, so quasi-peak refers to the peak-like meter function of the Rane meter. The fast responding quasi-peak value (lower portion of the meter) shows you what signal is doing real-time, relative to the dynamic range of the mixer. Audio transients can be relatively fast, making it easy to miss brief overload events, so the meters are designed to hold the maximum value for at least half a second (top portion of the meter).



Like other peak hold meters, the ones found on Rane DJ mixers will appear to have gaps between the average level and the peak levels. This can throw DJs off at first, thinking the meters are malfunctioning, but this is not the case. The LED floating above the rest represents the peak level of the audio and the LEDs below the peak represent the quasi-peak audio level.

The basic idea behind using peak hold meters is identical to using peak meters; keep the top meter out of the red. Using the PGM gain controls on your mixer, adjust the level so that your meters barely hit the red and then back the level down until out of the red. Repeat this process for each PGM channel.



Rane master level controls and master meter levels

The main difference DJs may notice about the master output level meter is that the master level control has no affect on the meter levels (see above picture). This may seem a bit weird when compared to other DJ mixers, but there's a very good reason behind this design. With Rane professional DJ mixers, the master output level meter is the summed total of all PGM channel levels. In other words, the master output meter is a true representation of your combined output mix level. As long as the output level meters stay out of the red, you won't be in danger of clipping or distorting audio, not that you can clip or distort a Rane mixer anyway, but that's beside the point. You can still blow the sound system speakers (and your chances of getting booked to play that venue again).

Calibrating your Rane mixer with a sound system

It was mentioned earlier that the main level control has no affect on the master level meter, and this is by design. The design intent is to use the master level control to calibrate the mixer with a sound system. Ideally, during sound check, the sound tech running the sound system will calibrate the system to the output level of the Rane mixer, so that red meters on the mixer indicate red (or almost red) on the main sound board and/or near clipping of the amplifiers.

1. Start with the master level control knob all the way down.
2. Make sure the audio levels meters within the software you're using are not peaking red.
3. Start with the PGM channel 1 fader all the way up and adjust the upper rotary gain/level control so that your meters barely hit the red and then back the level down until out of the red, giving yourself a little room for sudden level peaks. Repeat the same process for PGM channel 2, if using more than two channels, PGM channel 3 and PGM channel 4.
4. While playing audio, using each PGM channel, check the master output level meters. If the master output level meters are in the red make small adjustments to each PGM channel gain control until the master level meter is peaking into the yellow. Now that your mixer level controls are properly set, you're ready to turn up the master level control.
5. Here's where you grab the sound tech running the sound system. The tech may have you do one of the following:

Increase the mixer's master level control until you're told to stop. If you stop at 8, this is your maximum level output for the mixer and you do not want to exceed this level setting. Increasing the master level control past 8 may cause the sound tech to give you dirty looks, or worse, damage the sound system. Turn the mixer's master level control all the way up. Once your master level control is at max, the sound tech will slowly increase the level on the main sound board until the sound system is at the peak level. When it comes to preventing damage to the sound system this is the sound techs safest way to calibrate a mixer to the system.

Wrapping up

Optimum sound quality requires correctly setting software level and DJ mixer level controls. The correct procedure begins by properly setting software level controls and then mixer gain level controls. Once your mixer levels are properly set, calibrating the master output level control with the sound system is the last step. Following these simple steps ensures you'll get the best possible audio quality from your Rane DJ mixer.

Learn something? More articles like this are in the Knowledge Base and Blog at dj.rane.com.



dj.rane.com

Current information on Rane DJ products, accessories, support, community, dj pedia, forums, and the dj blog.

serato.com

Current information on Serato DJ and Scratch Live software, plug-ins, downloads, support forum, how-to videos and Whitelabel.net.

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Rane 2+ Year Limited Warranty

Rane's standard warranty covers parts and labor for 2 years from the date of purchase. Completion of the Rane Warranty Form (mail or online) entitles the owner to a 1 year extended warranty (for a total of 3 years [valid only in U.S.A.]).

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