

**DESCRIPTION**

The TTM 57SL Performance Mixer integrates Serato Scratch LIVE with the best of Rane’s hardware. Now you can control Scratch LIVE from your mixer without touching your laptop!

**SCRATCH LIVE CONTROL SURFACE**

Navigate through your library, load tracks, hit cues, loop and control effects all from the mixer’s control panel.

**FUTURE PROOF**

The features and functionality of your mixer will improve with each new release of the Scratch LIVE software — and all Scratch LIVE updates are free!

**ADVANCED RECORDING**

Record your mix directly to hard drive, or record two analog sources simultaneously.

**EFFECTS**

24-bit effects using Rane and Serato’s award-winning studio and live sound software technologies, giving you professional studio-quality sound.

**MAGNETIC FADERS**

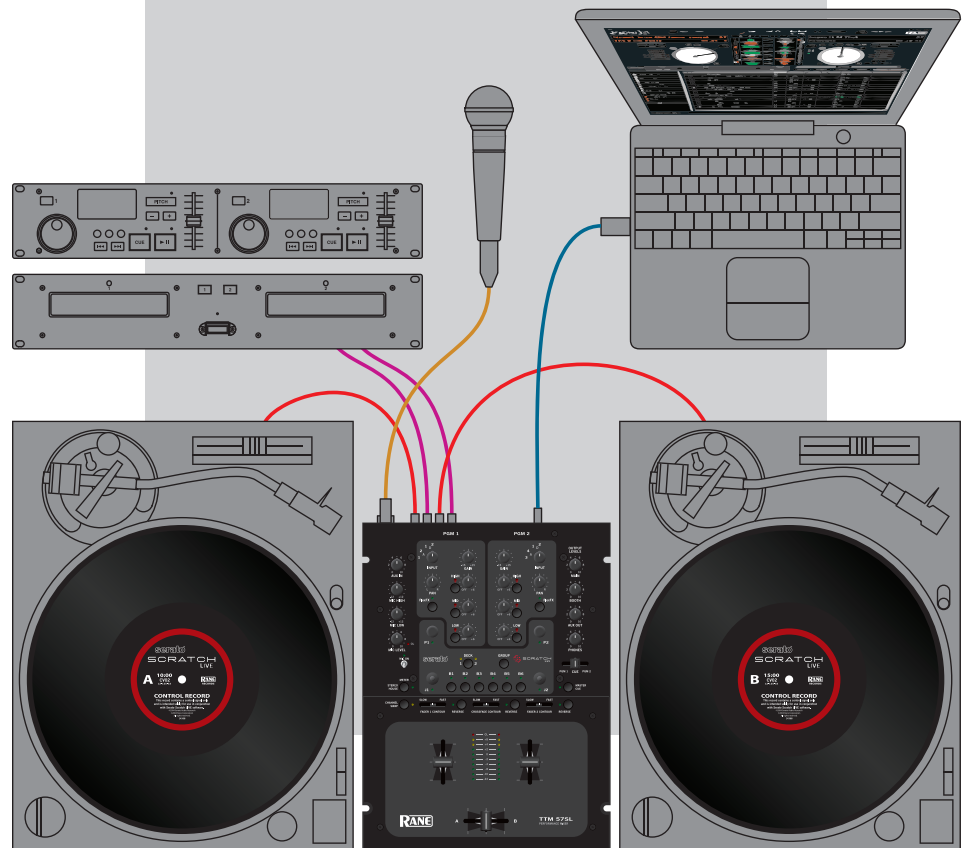
Rane’s legendary patented magnetic faders are the fastest, most accurate, and longest-lasting on the planet.

**EXTERNAL AUDIO INTERFACE**

Use the TTM 57SL as a high-quality USB audio interface for your favorite Mac or PC software.

**SIMULTANEOUSLY:**

- Play a combination of digital and analog sources.
- Play up to two digital files controlled by vinyl or CD while recording your mix.
- Or, digitize two vinyl records or analog sources simultaneously.
- Cue analog and digital sources.
- Operate standalone as a no-compromise performance mixer.



**SOFTWARE**

Scratch LIVE supports all these file formats: Fixed and Variable Bit Rate MP3, AIFF, WAV, OGG Vorbis, CD Audio and direct from the mic input.

Easily import your playlists and iTunes library.

Import files easily by dragging from Explorer (Windows) or the Finder (Mac) into the Scratch LIVE library.

You can play and scratch tracks direct from CD and CD-ROM.

Built-in help and tips in multiple languages are accessible anytime.

It even gives you a 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.

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.

**Auto mode** — play a sequence of tracks automatically.

Tempo display assists with rapid tempo matching of tracks. When the two tracks are matched to the same tempo, the peaks will line up.

Beat display emphasizes the transients in tracks — these are matched up when the two tracks are beat matched.



Record from your Mic and immediately scratch as if it was on vinyl.

Record direct from vinyl or CD and save as 16-bit 44.1 kHz stereo file.

The Virtual Deck shows everything about the speed and position of a track. As the vinyl rotates, so does the line on the label. The circular progress bar around the edge is a visual representation of the position within the song. The time and remaining time are displayed in minutes and seconds. The turntable speed as a percentage of pitch shift is on the left, and the pitched BPM is on the right.

The scope display is invaluable for troubleshooting turntable problems. Customize your interaction with the many options in the setup screen.



The crate and subcrate system helps organize your library and sets. Hot-swap external drives with fast automatic library merging and retention of crates.

## CONTROL VINYL & CDs

Side A: 10 minutes plus Vinyl Scroll track. Side B: 15 minutes.

Continuous control signal on vinyl allows smooth accurate scratching. Scratch LIVE has the lowest latency vinyl emulation system on the market. It has advanced vinyl groove and stylus modeling algorithm for a sound indistinguishable from the real thing.

Innovative positioning system allows fast and accurate needle dropping. The record has thin marks every minute, and a thicker mark every 5 minutes (played at 33 RPM). These marks assist you when using needle dropping to move through the track.

The Vinyl Scroll track allows you use your turntable or CD to scroll through your crate and pick the next song without touching your laptop.

Two 15-minute control CDs are included.



Variable zoom waveforms centered around current position; Display horizontally or vertically. Waveforms are colored by frequency — distinguish instruments visually.

Auto-gain lets you set a target gain on any or all songs in your library. You can also manually adjust individual gain, remembered in each song file.

Full track overview: Quickly find where the beat drops, find break-downs and choruses, and jump to any part of the song.

With Key Lock on, the key or pitch of the song stays locked at what it would be if the track was playing at normal speed, regardless of the platter speed of the turntable or CD player. Key Lock has scratch detection, so it automatically turns off when scratching for a natural scratching sound.

Visual markers can be set for up to 5 cue points per song and triggered from the keyboard.

Save up to 9 loops per track — these loops are saved in the file, and will be present when you reload.

Censor expletives on the fly with an instant quick-reverse and catch-up with no loss of timing or pitch.

Two Digital Effects Processors are installed in the mixer instead of the software so they are available even when Scratch LIVE is not running. Effects may be synced to BPM and include echo and sweeping filters, with more in the future.

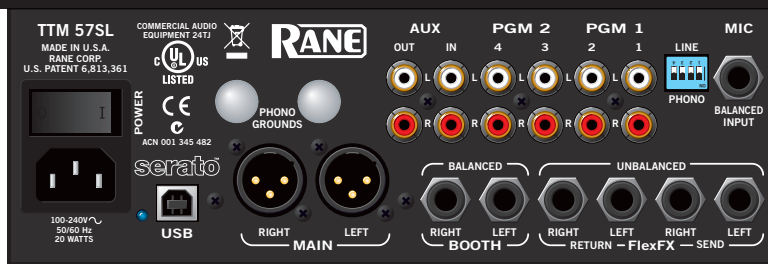
These “soft” controls have multiple functions for controlling Serato Scratch LIVE from the matched physical controls on the TTM 57SL. They also assign the Internal Digital Effects when the mixer is operated stand-alone without a computer. Six different preset groups optimize common controls for playback, cue/looping, effects, recording and library, or customize any control with a right-click. Footswitch controls are mapped here as well.

Browse your music collection by album, artist, BPM, or genre, with optional album art display.

Intuitive search function can be applied to any field to find things quickly.

Edit ID3 tags with full Unicode support.





**SYSTEM REQUIREMENTS**

Scratch LIVE runs natively on Windows and Mac OS X (universal binary). Includes ASIO drivers for Windows and CoreAudio drivers for the Mac.

Mac: G4 1 GHz / OS X 10.3 / 1 GB RAM. Intel Mac compatible.

PC: P4 1.5 GHz / Windows XP (SP2) (not 64-bit) or Vista / 1 GB RAM

**INCLUDED WITH THE TTM 57SL**

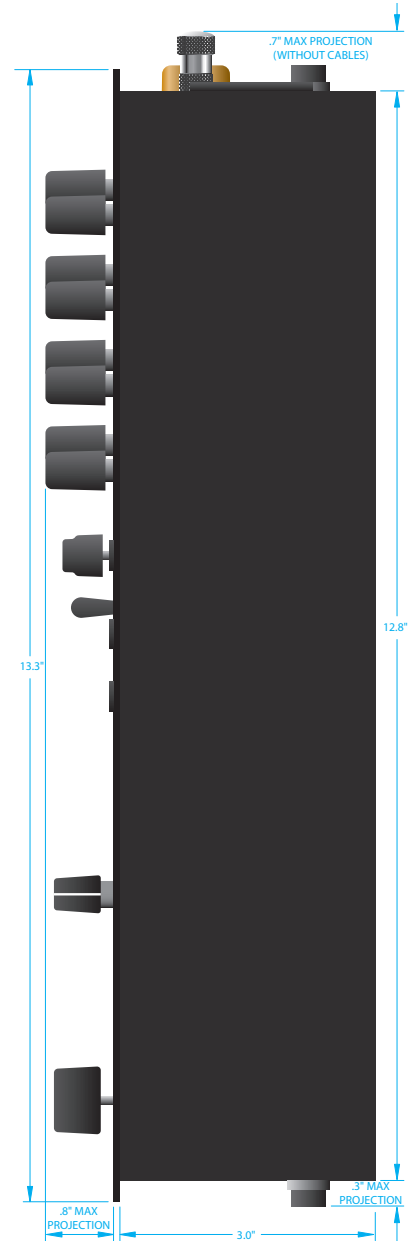
- TTM 57SL Mixer
- 2 (two) control CDs
- 2 (two) control records
- 1 USB cable
- Quick start guide
- Scratch LIVE software install disc
- TTM 57SL manual

**SCRATCHLIVE.NET**

New features are always being added and improved, and the latest version is a free download. Scratch-live.net is also the best place for technical support and performance tips from thousands of other DJs.

**HARDWARE FEATURES**

- 4 switchable phono/line inputs.
- Two Input Buses, each selects 2 analog & 2 digital sources.
- Analog inputs are phono / line switchable.
- Input Gain and Left / Right Pans.
- Mic Input has Level & Tone controls.
- 3-band, full-cut EQ with kills.
- Rane's FlexFX effects loop system, in addition to built-in effects.
- Magnetic non-contact Channel Faders and Crossfader. No travel noise - No bleed - Ever!
- Independent Contour and Reverse controls with Channel Swap.
- PGM Cue Pan, Master Mix select and Headphone Level control.
- Both 1/4" and 3.5mm headphone output jacks.
- RCA, TRS & XLR outputs, each with dedicated level control.
- USB 1.1 with 8 channels of streaming 16 bit / 44.1 kHz audio.
- "Soft" mixer controls used by Scratch LIVE and the internal effects
- Programmable foot switch input (Up to 3-button control; foot switch not included).
- Internal universal power supply works anywhere (100-240 VAC).



- Front Panel Size: 13.3"H x 10"W (33.8 cm x 25.4 cm)
- Coffin Depth: 3" (7.7 cm)
- Mixer Weight: 8.5 lb (3.8 kg)
- Shipping Size: 7.75"H x 12.75"W x 19.25"D (19.7 x 32.5 x 49 cm)
- Shipping Weight: 12 lb (5.5 kg)

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