RANE

serato™

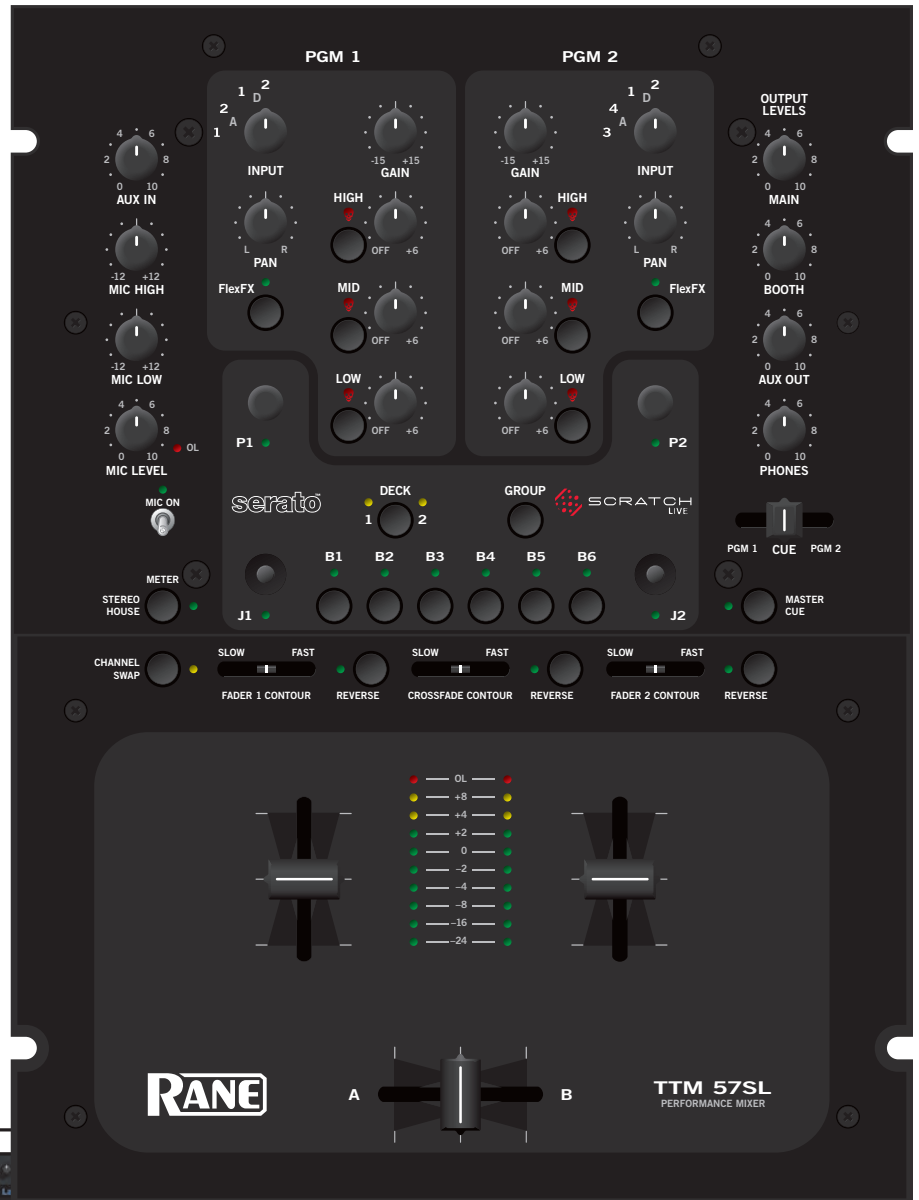## General Description

The TTM 57SL integrates the best of Rane hardware with Serato Scratch LIVE software, allowing you to fully control Scratch LIVE without touching your laptop!

Finally a mixer that fully integrates mixer hardware, software and software controls in one powerful package, . The TTM 57SL combines all the performance and features of the Rane TTM 56 with Serato Scratch LIVE. We didn't stop there — we also included internal LFO Filter and Echo effects.

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, record two stereo sources when not using vinyl or CD control.

● Cue analog and digital sources.

● Operate standalone as a no-compromise performance mixer.

Laptop not included

Control Vinyl and CD Features

★ Lowest latency vinyl emulation system on the market.

★ Side A: 10 minutes plus Vinyl Select area. Side B: 15 minutes.

★ Continuous control signal allows smooth accurate scratching.

★ Innovative positioning system for fast accurate needle drops.

★ Visible time markers on vinyl.

★ Includes two 15-minute control CDs.

TTM 57SL
MIXER

RANE

★ **Two Input Buses**
☆ PGM 1 selects Analog 1, Analog 2, Digital 1, Digital 2.
☆ Select Analog 1 or Analog 2 for Vinyl / CD Control Input 1.
☆ PGM 2 selects Analog 3, Analog 4, Digital 1, Digital 2.
☆ Select Analog 3 or Analog 4 for Vinyl / CD Control Input 2.
☆ All analog inputs are phono / line switchable (rear panel).
☆ Input Gain and Left / Right Pan controls.
☆ 3-band, full-cut Tone controls with Kill switches.
☆ Assign PGM 1, PGM 2 or both to the external FlexFx loop.

★ **Three sets of Outputs**
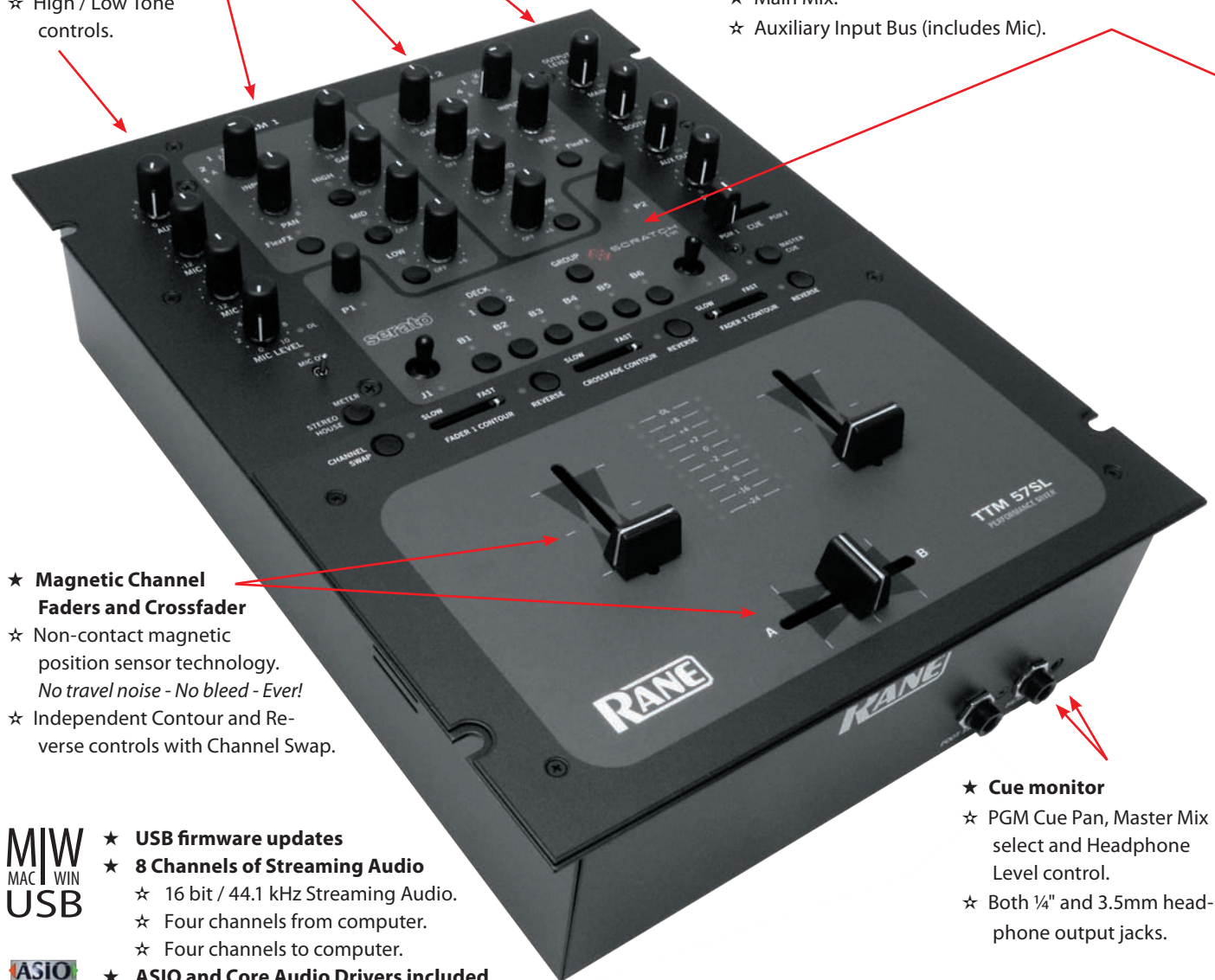☆ independent Level controls
☆ Main Out on XLR (balanced).
☆ Booth Out on ¼" TRS (balanced).
☆ Auxiliary Out on RCA (unbalanced).

★ **Mic Input**
☆ On switch.
☆ Level control.
☆ High / Low Tone controls.

★ **"Soft" mixer controls used by Scratch LIVE and internal LFO Filter & Echo Effects**
☆ Deck / Effect 1-2 switch.
☆ Group switch maps functions to controls.
☆ B1 - B6 programmable switches / cue points.
☆ P1 - P2 programmable encoders with push switches.
☆ J1 - J2 programmable joysticks with push switches / transform controls.
☆ Programmable foot switch input (Up to 3-button control; foot switch not included).

★ **Internal Effects have 6 possible insert points:**
☆ PGM 1 Pre-fader.
☆ PGM 1 Post-fader.
☆ PGM 2 Pre-fader.
☆ PGM 2 Post-fader.
☆ Main Mix.
☆ Auxiliary Input Bus (includes Mic).

★ **Magnetic Channel Faders and Crossfader**
☆ Non-contact magnetic position sensor technology. *No travel noise - No bleed - Ever!*
☆ Independent Contour and Reverse controls with Channel Swap.

★ **Cue monitor**
☆ PGM Cue Pan, Master Mix select and Headphone Level control.
☆ Both ¼" and 3.5mm headphone output jacks.

M|W MAC | WIN USB

☆ **USB firmware updates**
☆ **8 Channels of Streaming Audio**
   ☆ 16 bit / 44.1 kHz Streaming Audio.
   ☆ Four channels from computer.
   ☆ Four channels to computer.
ASIO ★ **ASIO and Core Audio Drivers included**

★ **Internal, universal switching power supply works almost anywhere in the world (100-240 VAC) [UL/cUL/CE]**

Playback Modes
- Absolute Mode: exact reproduction of record movement, needle drop through tracks – just like normal vinyl.
- Relative Mode: skip free scratching, jump to cue points, and pitch bend buttons combined with turntable control.
- Internal Mode: mix with just your laptop using features modeled on DJ CD players. On-the-fly looping, save up to 9 loops per track.
- Auto mode: play a sequence of tracks or entire "crate" contents automatically.
- Vinyl select mode: Use your turntable to pick the next song without touching the computer keyboard.

Display Features
- Full track overview: Quickly find where the beat drops, find breakdowns and choruses.
- Variable zoom waveforms centered around current position; Display horizontally or vertically.
- Waveform colored by frequency to distinguish instruments visually.
- Visual markers can be set at important cue points, triggered from the keyboard or the TTM 57SL, and stored within each track.
- Beat display emphasizes track transients to visually assist beat-matching.
- Tempo display assists rapid track tempo-matching.

Play Features
- Large on-screen record label shows elapsed time and time remaining.
- Coarse and fine pitch controls, "bend" control assists in beat matching.
- Censor (quick reverse with no timing loss) can remove expletives on the fly.
- Turntable lock: only allows loading on a stopped deck to prevent accidental track changes.

Record Features
- Sample or record directly from vinyl.
- Record from Pre- or Post- fader PGM 1 or PGM 2, Master Mix, Aux Input or Mic Input (to WAV or AIFF formats).
- Sample from the mic and instantly scratch as if it were vinyl.

Library Features
- Play File formats: Fixed and VBR MP3, AIFF, WAV, OGG Vorbis.
- Adjustable gain setting per song file.
- Play tracks direct from CD and CD-ROM.
- Full iTunes integration: Use your playlists and iTunes library.
- Browse music collection by Artist, Album, BPM or Genre.
- Optional album art display.
- Intuitive search. Edit ID3 tags with full Unicode support.
- Crate system for organizing sets.
- Drag & drop track importing, no MP3 preprocessing required.
- Add whole directories of music files on the fly: tags are read in the background without interruption.

Other Features
- Extensive keyboard shortcuts for fast access to key functions.
- Single key song loading. Single key deck swapping.
- Instant doubles, load the same track on both decks at the same point for instant flange effect and back-to-backs.
- Single key left and right deck operations: play/pause forward/reverse, bend ±, pitch ±, cue points.
- Hot swap external drives with fast, automatic library merging and retention of crates.
- Low power warning when running off a laptop battery.
- Latency can be adjusted to match CPU power.
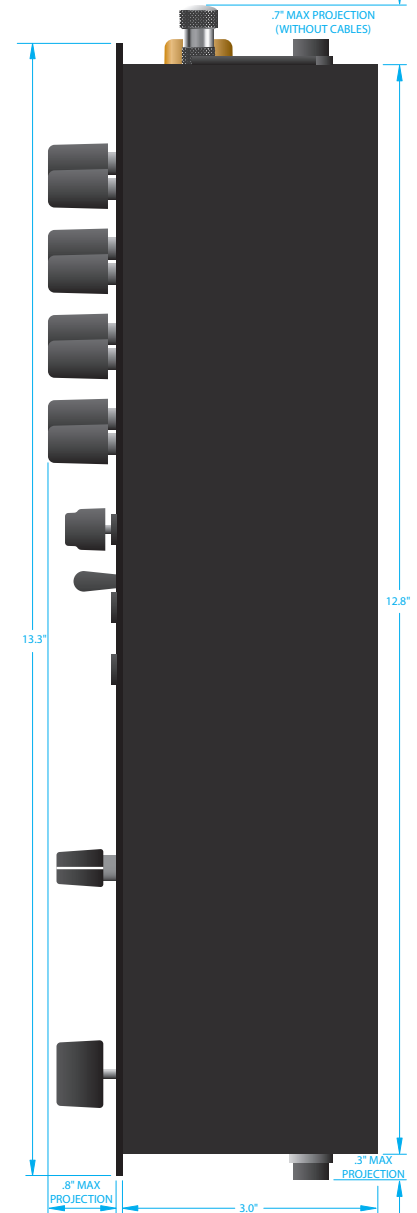- Built-in help and tips in multiple languages.

Runs natively on Windows XP and Mac OS X (Intel-compatible, universal binary) **PC requirements for bundled Scratch LIVE software:**
Macintosh: G4-500 / OS X 10.3 / 512MB RAM (or) **Windows**: P3-700 / Windows XP / 512MB RAM
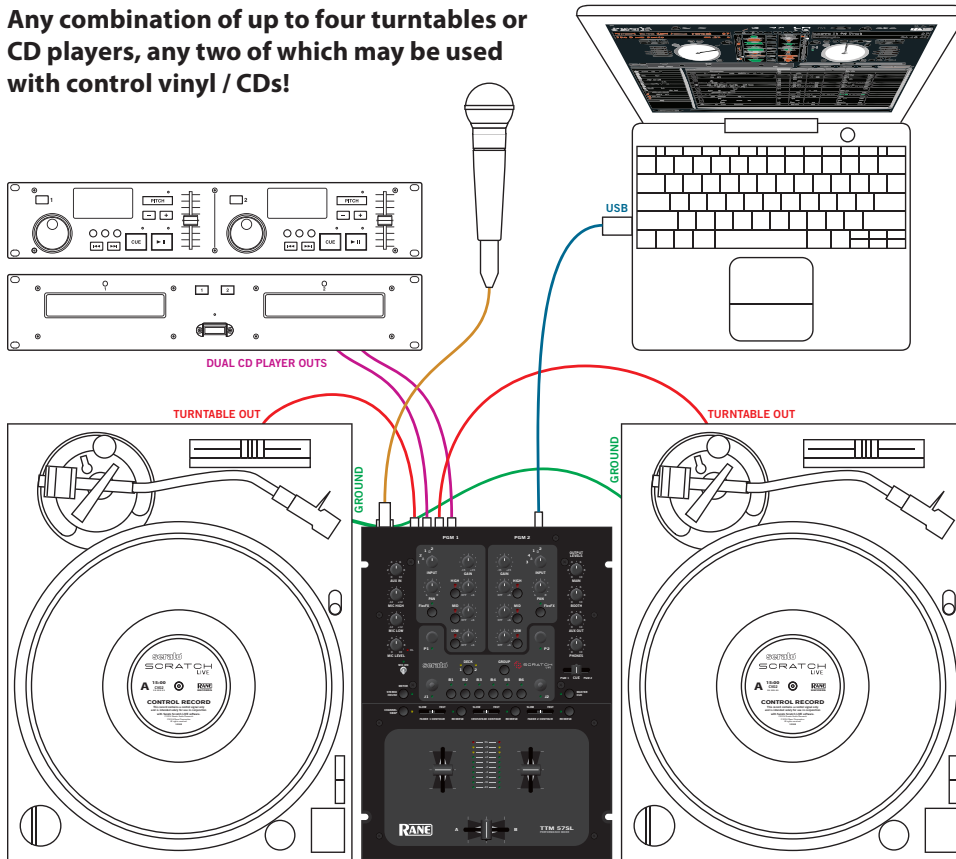
TTM 57SL
MIXER

RANE

Rear View

Side View

.7" MAX PROJECTION
(WITHOUT CABLES)

12.8"

13.3"

.8" MAX PROJECTION

.3" MAX PROJECTION

3.0"

Configurations

Any combination of up to four turntables or CD players, any two of which may be used with control vinyl / CDs!

DUAL CD PLAYER OUTS

USB

TURNTABLE OUT

GROUND

TURNTABLE OUT

GROUND

Front View

3"

10"

9"

3.1"

FOOT SWITCH   HEADPHONES

★ 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 cm x 32.5 cm x 49 cm)
★ Shipping Weight: 12 lb (5.5 kg)

All features & specifications subject to change without notice.