Rane TTM57mkII Mixer for Serato DJ

The Rane TTM57mkII Mixer is a plug-and-play package supporting one or two computers, with two-deck digital vinyl simulation (DVS), the Serato SP-6 sample player, software effects and all the record and playback channels you need.

Both USB ports connect to computers running Serato DJ or most DJ and DAW audio programs, working with Native Core Audio support for Mac and an ASIO driver for Windows. Class-compliant audio and MIDI means no driver installation on a Mac, and a unified ASIO Rane driver is provided for Windows. Dual USB ports help DJs seamlessly change over between sets, even if they use different software.

The TTM57mkII has so many improvements over the classic TTM57SL, it's truly a new ground-breaking mixer with a lot more creative power.

- Each USB 2.0 port supports 10 record and 10 playback channels.
- Great-sounding 32-bit floating-point audio processing sampled at 44.1, 48 and 96 kHz.
- Deck controls include source select, Gain trim, 3-band full-cut isolator tone controls and a sweepable High/Low-pass Filter.
- An external analog insert can route the left, right, or both Decks to an outboard effects processor.
- Independent USB FX Inserts for each deck support post-fader iZotope software FX.
- A dedicated USB Aux Input for the SP-6 Sample Player with Level, sweepable High/Low-pass Filter and a Headphone Cue.
- Long-life magnetic crossfader and channel faders have reverse and contour controls.
- All controls are MIDI-mappable.

A typical setup includes two Serato DVS decks, software FX through independent USB digital inserts for each Deck, and the SP-6 sample player on its own USB Aux input.

The TTM57mkII includes Serato DJ with 2 Serato Control Vinyl and 2 Serato Control CDs.

TTM57mkII Mixer Controls

The Mic input can be switched for a regular dynamic mic or to line-level for a wireless mic. It has its own meter, Level and a one-knob tone control.

Two Program buses with Gain trim and meters:
• Select USB Port A or B computer playback.
• Select Two Phono / CD deck Inputs.
• Select Two Aux line-level Inputs.
• 3-band full-cut tone controls with kill switches.
• Sweepable Low / High-pass effect Filter.

Level control for each Output:
• Main Outputs on XLR
• Booth Outputs on TRS
• Session Outputs on RCA

The FlexFX external FX Loop can assign the Left Deck, Right Deck or Both to an external analog FX Loop, independent of USB software FX inserts.

Session Input (opposite side) can connect an output from another mixer, or use it as another auxiliary input. Session Output connects to an input of another mixer, to connect two mixers together.
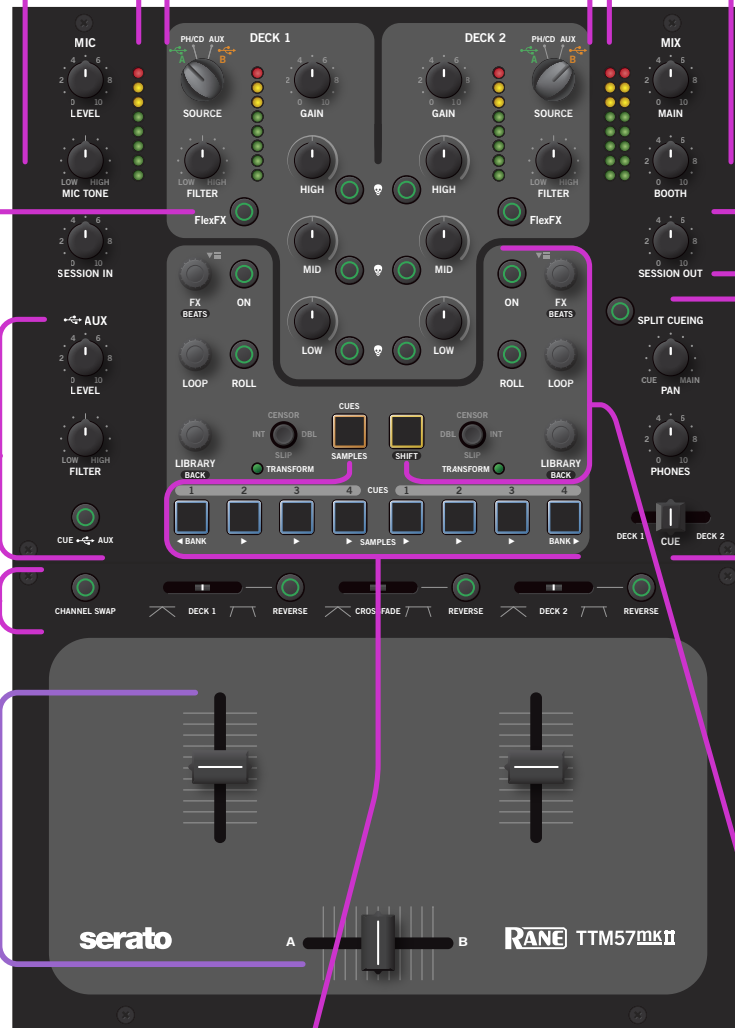
The USB Aux Input is usually from the Serato SP-6 Sample Player, with it's own Level control, Low / High-pass sweep Filter and headphone cue. The USB Cue overrides the Deck Cue when on.

True Split Cue or Stereo Cue with classic Left Deck and Right Deck slide control.

Channel Swap switches the left or right fader between Deck 1 and Deck 2. Contour controls adjust the faders and crossfader for a smooth transistion or a fast cut. Faders can be individually reversed.

Direct control of Serato DJ Decks:
• Software FX on/off button.
• FX knob parameter adjustment:
    • Press to select the FX.
    • Hold SHIFT to change the Beats multiplier.
• LOOP knob selects loop length.
    • Press it to engage Auto Loop.
    • Hold ROLL for Loop Roll.
• LIBRARY knob scrolls songs or crates, press to load.
    • Hold SHIFT to tab between song and crate selection.
• TRANSFORM joystick:
    • Press for Transform on/off.
    • Transform on: any direction cuts the audio.
    • Transform off: multifunction software control (gray text).

The Crossfader and channel faders are Rane's famous and dependable no-noise, no-bleed, no-contact magnetic faders.

The front panel accepts either 3.5mm or 1/4" headphone plugs. A footswitch (optional) can be connected to access learned MIDI functions.

Direct control of Serato DJ Cues and Samples:
• CUES / SAMPLES button toggles between Cues and Samples.
• Cue 1-4 or 5-8 for each Deck. The active USB follows the Deck source selection.
    • Lit button colors match the Cue colors in Serato DJ software.
    • Press an un-lit button to create a new Cue. Hold SHIFT to delete a Cue.
• Six Sample triggers and Bank up and Bank down selectors.
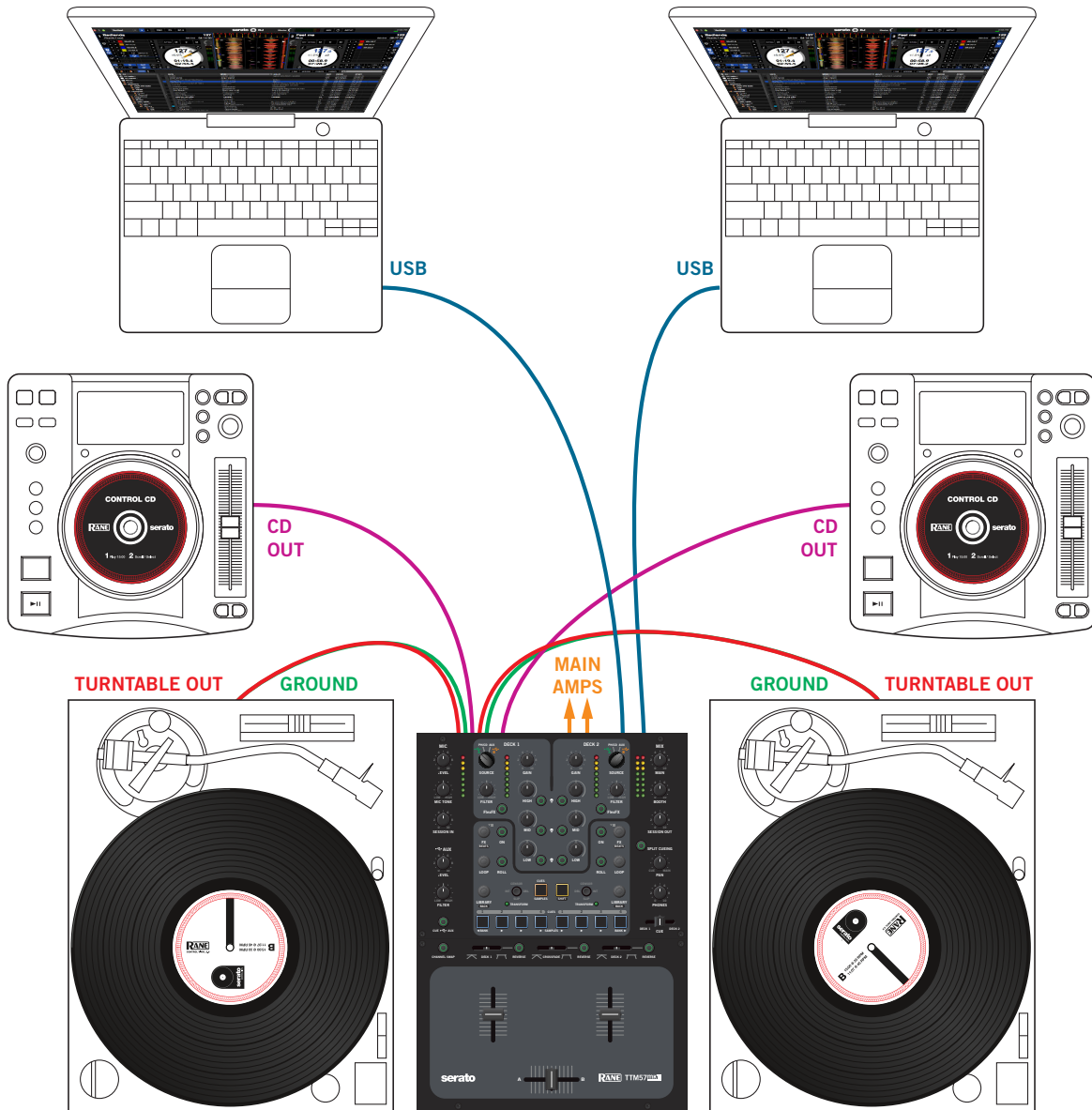   • Lit button indicates a ready-to-play sample in Serato DJ.

USB Serato DJ iZotope Effects

Serato DJ includes FX powered by industry leader 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. Enable and control the FX in Serato DJ and apply individual effects to each Deck.

MIDI Control

MIDI mapping is done for you as the TTM57mkII is plug-and-play with Serato DJ. Advanced users can custom map most mixer controls to many other third-party audio programs. The MIDI control assignments are in the TTM57mkII Manual.

TTM57mkII Setup

USB Port, x2
Each port can stream 20 channels of low-latency audio.

USB Playback	Stereo Pair	Serato DJ Description	Mixer Use
1	1-2	Left Virtual Deck Output	Deck 1 Playback (choose 🔌 A or B)
2	3-4	Right Virtual Deck Output	Deck 2 Playback (choose 🔌 A or B)
3	5-6	SP-6 Output (USB Aux)	🔌 Aux Source
4	7-8	Left Deck FX Return to the Mixer	Deck 1 🔌 Insert Return
5	9-10	Right Deck FX Return to the Mixer	Deck 2 🔌 Insert Return
USB Record			24-bit PCM, 44.1, 48 and 96 kHz
1	1-2	Record Source Deck 1 (DVS control source)	Record Deck 1 Pre Fader. PH/CD 1 or AUX 1
2	3-4	Record Source Deck 2 (DVS control source)	Record Deck 2 Pre Fader. PH/CD 2 or AUX 2
3	5-6	Left Deck FX Send from the Mixer	Record Deck 1 Post Fader. PH/CD 1 or AUX 1
4	7-8	Right Deck FX Send from the Mixer	Record Deck 2 Post Fader. PH/CD 2 or AUX 2
5	9-10	Record Main Mix	Record Main Mix

TTM57mkII Specifications

All specifications typical unless otherwise stated	
Analog Inputs	4 Stereo unbalanced RCA jacks
…...Phono or Line level input	Rear panel switches for each input
…...Phono Response	RIAA ±1 dB, Gain: 31 dB at 1 kHz
…..........Rumble filter	Butterworth 3rd-order Infrasonic
…...Max Phono Input	126 mV
…...Max Line Input	4 Vrms
ADCs	24-bit, 48 kHz; Dynamic range 102 dB A-weighted
DACs	24-bit, 48 kHz; Dynamic range 108 dB A-weighted
Dynamic Range, Line in to Line Out	101 dB A-weighted
Digital Signal Processing	32-bit floating point
USB 2.0 Audio	Five Stereo Record, Five Stereo Playback
…...	44.1, 48, or 96 kHz, 32-bit floating point
FlexFX Return	Stereo unbalanced ¼″ TS (tip-sleeve) phone jack
FlexFX Send	Stereo unbalanced ¼″ TS phone jack
Mic Input	Balanced ¼″ TRS & XLR combination jack
…...Tone Controls	2-band, High and Low
…...Mic-Line level switch	Choose Line to connect wireless receiver
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 1/4″)	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: Conformity	CE, FCC, cULus
......Size	14″ x 10″ x 4″ (35.6 x 25.4 x 10.2 cm)
......Weight	8 lb (3.7 kg)
Shipping Size	7.75″ H x 15″ W x 19.25″ D (19.7 x 38.1 x 49 cm)
......Weight	12 lb (5.5 kg)

Included in the Box

- TTM57mkII Mixer
- USB cable
- Printed color manuals
- 2 Serato Control Vinyl Records
- 2 Serato Control CDs
- Serato DJ software install disc
- IEC C13 line cord

Computer Requirements

Before purchasing a Mac or PC, please check serato.com for best results with the latest version of Serato DJ.

serato.com

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

whitelabel.net

The Serato Whitelabel Delivery Network allows record labels to digitally deliver promotional releases directly to Serato DJs. Sign up to download Whitelabel audio files and releases at whitelabel.net.

dj.rane.com

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

ASIO & Core Audio

The TTM57mkII is a USB 2.0 class compliant MIDI and streaming audio device using native Core Audio in place of a driver for Mac OSX. Windows requires Rane's proprietary ASIO driver for Windows machines. A control panel is available on both platforms to facilitate firmware update and setting mixer preferences.

Serato Control

Mix files from your computer hard drive using Serato Control Vinyl, Serato Control CD or approved USB Controllers. The Serato Control Vinyl and Control CDs each contain the Serato NoiseMap™ Control Tone, a unique control signal which allows Serato DJ to track the motion of the record, simulating the same movement with digital audio.