





# Enter the System

Once upon a time, DJs wouldn't have considered spinning sets from a laptop. But today, the writing is not only on the wall — it's glowing in 20-foot neon letters. Thanks to their portability, processing power, massive song storage, and rapid advances in DJ software, laptops are here to stay. With this in mind, Stanton boldly introduces the world's first truly professional DJ control system, designed to fully empower laptop DJs and desktop producers.

Introducing the SC System: The future of digital DJing on Mac and PC.



# Super. Natural. Control.

In recent years, the DJ world has been flooded by a range of new controllers designed for laptop mixing. Unfortunately, these new entry-level systems are almost always plagued by compromises. And popular vinyl control systems, on the other hand, face the limitations of tracking timecode from vinyl, including worn-out discs, faulty needles or turntables, and increased tracking latency (delay).

Breaking free from the past, Stanton’s new SC System ushers in a new era of DJ performance. Led by the SCS.1m Mix Controller and SCS.1d Deck, the SC System eliminates all previous limitations, providing a rock-solid system with precise feedback and almost supernatural control over your DJ software. The result of many years of development, the SC System doesn’t just raise the bar for laptop DJs; it changes the whole game.



# Mix Different.

The SC System goes far beyond simple “all-in-one” controllers, thanks to separate “deck” and “mixer” components. This allows for multiple configurations, with clean lines drawn between the functions of each unit. It also allows for a premium feature set including built-in FireWire connections, a high-torque motorized platter with vinyl control disc, motorized faders, rotary encoders, massive flexibility, and integration into DJ software with advanced two-way feedback. Taken together, these features allow the SC System to go where no other DJ product has gone before.

## Compatible Software

Traktor Studio  
Ableton Live  
MixVibes  
Deckadance

and other MIDI-compatible DJ / VJ software

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# SCS.1m Mix Controller

- The world’s premier mixer control surface for laptop DJs and remixers
- Familiar 4-channel design with intuitive high-precision metering
- Assignable Encoder section with 360° of LED feedback
- LCD “scribble strips” for two-way communication with selected DJ software
- Easy controller mapping into popular DJ and VJ software
- Navigation section for remote browsing through playlists
- Mic and Phono / Line input for sampling, archiving vinyl, and remixing
- Built-in FireWire connections with full Mac and Windows compatibility
- Perfect as a standalone mix controller, or in combination with SCS.1d deck
- Balanced, studio-quality TRS output for mains; RCA booth output and 1/4” headphones output
- Unique footswitch input enabling hands-free control of software parameters



# SCS.1d Deck

- Flagship deck controller for laptop DJs and remixer / producers
- Adjustable high-torque 10” motorized platter with vinyl surface and superior tracking
- 100mm motorized pitch fader with recall for sync with software
- Velocity-sensitive pads assignable to loops, cue points, etc.
- Assignable Encoder section with 360° of LED feedback
- LCD “scribble strips” for two-way communication with selected software
- Familiar Tansport section for direct music control
- Perfect for adding maximum control capabilities into existing DJ software
- Easily controls multiple virtual decks for powerful multi-channel mixes



# SCS.1m Mix Controller

## The World's Most Advanced Mix Controller

Although the SCS.1m is in some ways a “mixer,” it’s more appropriately called a mix controller. Designed in an intuitive DJ mixer format that should be instantly familiar to anyone who’s ever stepped behind the decks, the SCS.1m features four channel strips with faders, EQ controls, and high-precision metering, as well as a responsive crossfader, and a straightforward Cue / Monitoring section. The surface layout has been carefully designed so that any experienced DJ can simply step up and begin basic mixing within seconds. The difference, of course, is that tweaking an EQ knob or channel fader, for example, is not actually adjusting analog audio — it’s controlling the corresponding EQ or level parameter in your DJ software.

## FireWire Computer Connection



The SCS.1m controls your DJ software and sends/receives audio to Mac or PC via its onboard, studio-quality FireWire connection. FireWire allows a simple, single-cable connection, with all the bandwidth required to handle just about any mixing and controlling task you’re likely to need. It also ensures ultra-low latency (delay) of only 1.5ms and high sampling rates (sound quality) of up to 24 bit / 96 kHz. This translates into lightning-fast responsiveness and sound quality that’s far beyond competing mix control products.

## Rotary Controls (aka “Super Knobs”)



Beyond basic mixing and control, the SCS.1m makes a radical departure from traditional mixers via four rotary encoders (“virtual knobs”) with LED rings and corresponding LCD “scribble strips.” These fully assignable encoders can be mapped directly into functions in the DJ software while providing visual feedback of knob position, even in low-light settings. Underneath, the LCD scribble strips confirm the software parameter being adjusted by each encoder, without the need to check your laptop. Of course, common assignments for these encoders can be saved as presets for fast recall.

## Auxiliary Input for Turntables and CD Players

Although designed primarily as a software control surface, the SC System provides DJs with the ability to connect a “real” turntable or CD player into their Macs or PCs via a switchable Aux input. This input is useful for mixing “real world” sources along with your software, and for sampling or archiving vinyl and other audio into your computer.

## Superior Build Quality

Unlike other DJ control surfaces, the SCS.1m Mix Controller and SCS.1d Deck offer truly professional, “no-compromise” build quality. Every knob, fader, LED and LCD is of utmost quality, and even the chassis is designed for years of real-world use in demanding live and studio environments.



### Channel Strips

Familiar 4-channel DJ mixer design with hooks directly into software

### 9-Segment Meters

With assignable LED metering per channel

### Encoder Section

Featuring LED rings and special LCD “scribble strips” that communicate software parameter being manipulated

### Presets

Mirrors functionality on the deck with single or multi deck mode

### Channel Strip Faders

Familiar level control, right where you need it

### Navigation Section

Jog wheel navigation system for interfacing with music on Mac or PC

### Traditional DJ Crossfader

With fast, ultra-precise response

SCS.1m



# SCS.1d Deck

## The Dream Deck for Laptop DJs

Designed from the ground up for high-precision software control, the SCS.1d Deck is a dream-come-true for laptop DJs. Based upon the popular layout of the C.304, as well as extensive input from top DJs, this deck's interface is both comfortable and practical — providing a host of “world's first” features at your fingertips. Even better, it ships with a real vinyl disc to provide an extremely natural feel, right out of the box.

Specifically, the SCS.1d offers a tight grip over your music through a high-torque 10” motorized platter, transport controls, navigation keys, rotary encoders, a motorized pitch slider, and a trigger section. Unlike the SCS.1m Mix Controller, the SCS.1d Deck does not offer any direct audio connectivity; all audio I/O remains at the mixer or external soundcard. What the SCS.1d *does* offer is the best tracking and most intuitive ergonomics of any product in its class — by far.

## High-Torque Motorized Platter

Central to the amazing SCS.1d is an enhanced version of the award-winning motorized platter from the Stanton T.120 and STR8-150 turntables. This is one of the world's most trusted platter designs, proven through thousands of hours of use by DJs the world over. To be specific, this is a 4.5 Kgf-com, 16-pole, 3-phase brushless DC motor. What that means to you is super-fast .2 second spin up and stop speeds. The motor can also be adjusted to simulate the feel of both super high-torque motors and commonly used low-torque designs.

## Unbeatable Resolution

The SCS.1d's high resolution (over one thousand counts per rotation) vinyl tracking system allows for super-accurate mixing and scratching. This system assures that every nuance is captured in real time, and works around the same principles as an optical mouse — so it never wears out. Unlike digital vinyl systems, the SCS.1d's

tracking is completely error-free (whereas digital vinyl systems have problems at slow speed). And because there's no interpretation of timecode signal, there's no delay between your movement and your software.

## Encoders, Navigation, and More

Much like the SCS.1m, the SCS.1d Deck features four assignable rotary encoders with bright LED rings to control various aspects of your software. Underneath each encoder is an LCD “scribble strip” to let you know what parameter you're tweaking without looking up from the deck. With six control presets for each knob, this is the equivalent of having 24 assignable knobs — built right into your deck! Similar flexibility is built into both the SCS.1d's Navigation section, with its jog wheel for precise control, and Deck selection, which quickly banks between different global settings. In this way, the SCS.1d is like having many “virtual turntables” at your disposal; a single button press is all it takes to switch from one deck to the “next.”

## Motorized Pitch Slider

The pitch slider on the SCS.1d is not only 100mm long for super-smooth pitch adjustments, but it's also motorized, so your deck “remembers” its settings as you switch between decks or presets.

## Trigger Pads

Directly underneath the SCS.1d's motorized platter is its assignable Trigger section. Comprised of four velocity-sensitive pads, this section can be used to play loops and samples during performance, or for triggering any other MIDI messages to your software. Using these trigger pads in conjunction with the platter provides wild creative possibilities never before possible. While simple in operation, the expressive possibilities are almost endless.



### 4 Assignable Encoders

With 360 degrees of LED feedback and unique LCD “scribble strips” for two-way software communication

### Preset Section

Manages and switches presets assigned to encoders, trigger pads and pitch slider

### Global Navigation

Used for remote browsing of playlists or adjusting hardware settings

### Transport Section

Traditional DJ transport controls

### 10-Inch Motorized Platter

Adjustable, high-torque platter with 10” vinyl disc for natural feel and control — the most advanced DJ control platter on the market

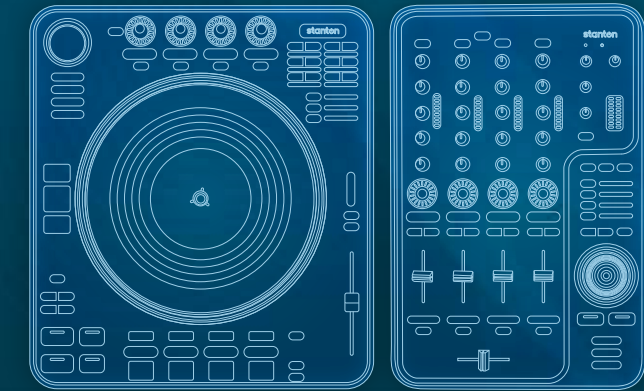
### Motorized Pitch Control

Motorized 100mm pitch fader

### Velocity Sensitive Pads

For fast triggering, sequencing, programming, and looping — all within easy reach of the platter



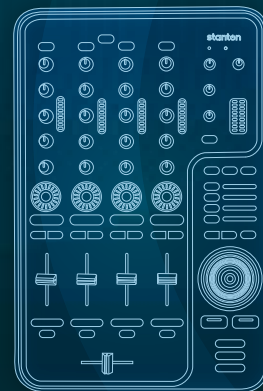


## SCS.1m + SCS.1d

This mixer-and-deck configuration can be used to emulate a dual-deck setup by using virtual decks for controlling transport, loop, and effects, while using the mixer to blend and EQ songs and sounds. This system is the perfect entry into the world of professional SC System laptop mixing.

## SCS.1m

This mixer-only setup allows for basic mixing and transport control of software decks. Thanks to the SCS.1m's built-in audio interface capabilities, it's perfect for DJs wanting an all-in-one solution to play from their software into a PA system.

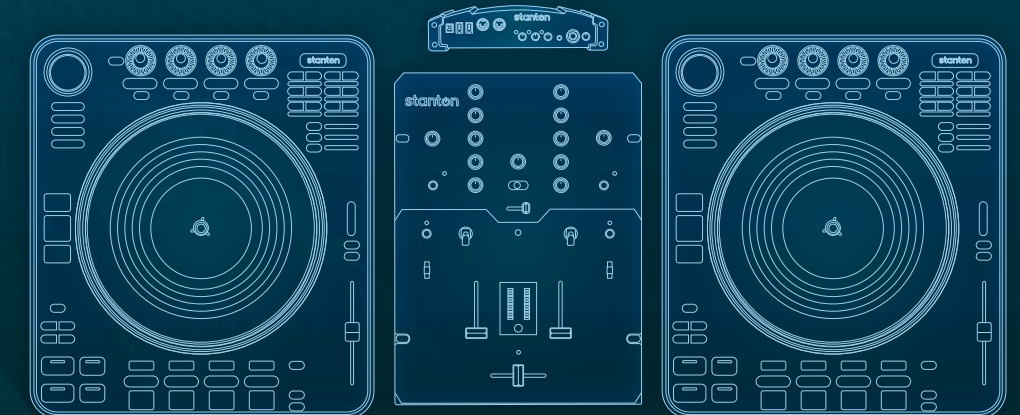


# SC System Setups

As a truly modular solution, the SC System can be configured in a variety of ways to suit your exact needs. SC System units can be used individually or in concert with other components, and even combined with existing analog gear to deliver precise, ultra-capable control over your DJ software.

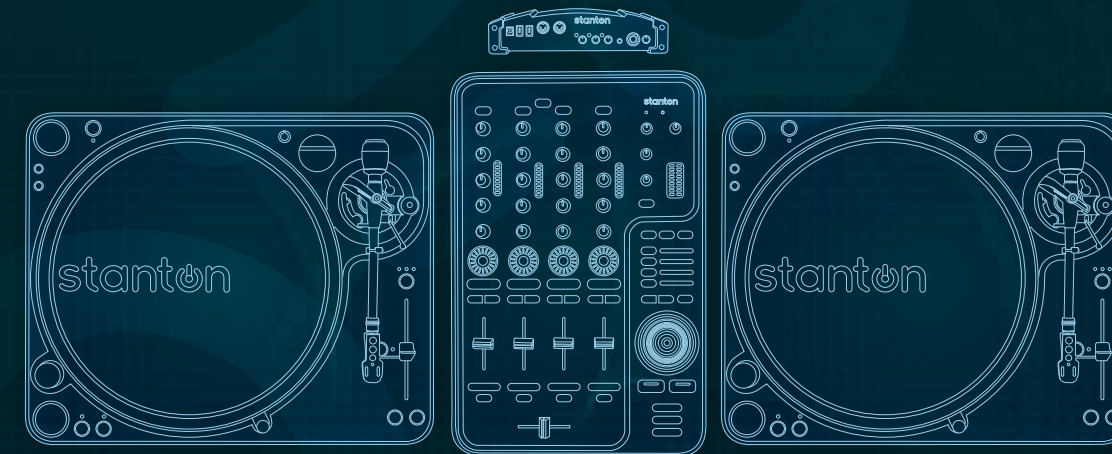
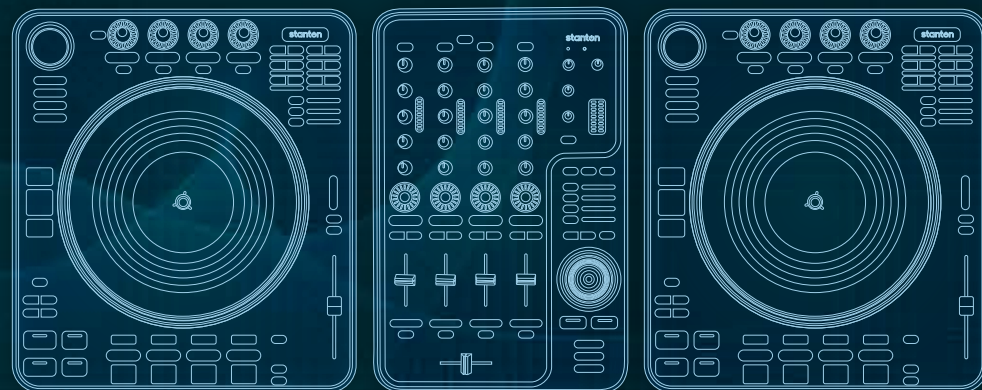
## Dual SCS.1d + traditional DJ mixer

The SCS.1d Decks can be used with an existing sound card to send audio outputs from DJ software into an existing analog DJ mixer. This allows users to incorporate SC System decks into their system while using their favorite traditional DJ mixer.



## Dual SCS.1d + SCS.1m

This setup recreates the “traditional” DJ system, allowing users to have two physical decks, each representing an on-screen deck (which can easily be toggled to four decks by using virtual decks). The mixer is used for blending, channel EQ, etc. in a traditional manner. This setup is tailored towards professional DJs wanting to replace their existing setup with an SC System controller-based solution.



## SCS.1m + traditional turntables

The SCS.1m mixer can be incorporated into Digital Vinyl Systems (DVS) that support MIDI control by running the timecode into a sound card and using the SCS.1m's built-in MIDI functionality to control the user's preferred DJ software.

# SCS.1m Mix Controller Specifications

## Faders / Encoders

- 24 Potentiometers (MIDI CC)
- 4 Virtual-pots with 18 segment LED rings (MIDI CC or Incremental CC)
- 4 45mm Linefaders (MIDI CC)
- 1 45mm Crossfader (MIDI CC)
- 1 Rotary encoder (MIDI CC or Incremental CC)

## Displays

- 4 Multicolor 8 character alphanumeric LCDs with contrast control (MIDI SysEX controllable)
- 6 9-segment LED meters. One for each channel, one L&R pair for master (controllable via MIDI)

## Buttons / Switches

- 37 Momentary backlit pushbuttons (MIDI Note On)

## Dimensions

- 5.96 lbs / 2.71 kg
- 3"H x 10.75"W x 16.75"L

## Audio

Frequency Response (20Hz - 20kHz)	+/- 0.2dB
THD+N (at 1kHz)	0.013%
Signal to Noise Ratio (A-weighted)	105.1dB
Sampling Rates	44.1kHz, 48kHz, 96kHz
Audio Format	16-bit, 24-bit
Latency (roundtrip)	<5 ms

## Inputs / Outputs (Max Level)

Phono / Line Input	2 (RCA) Phono / Line switchable, +21dBu unbalanced
Microphone Input	1 (1/4") @ +9.1dBV unbalanced
Balanced Output	2 (1/4") @ +27.7dBu
RCA Output	2 (RCA) @ +21.5dBu
Headphone Output	1 (1/4")
Footswitch Input	1 (1/4")

## Power

Voltage / Amps	12V DC / 3.0
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# SCS.1d Deck Specifications

## Faders / Encoders

- 4 Virtual-pots with 18 segment LED rings (MIDI CC or Incremental CC)
- 1 100mm Motorized fader (MIDI CC)

## Displays

- 4 Multicolor 8 character alphanumeric LCDs with contrast control (MIDI SysEX Controllable)
- 1 Cue position display with current deck indicator (MIDI SysEX controllable)

## Buttons / Switches

- 4 Velocity sensitive trigger pads (MIDI Note On)
- 46 Momentary backlit push buttons (MIDI Note On)

## Dimensions

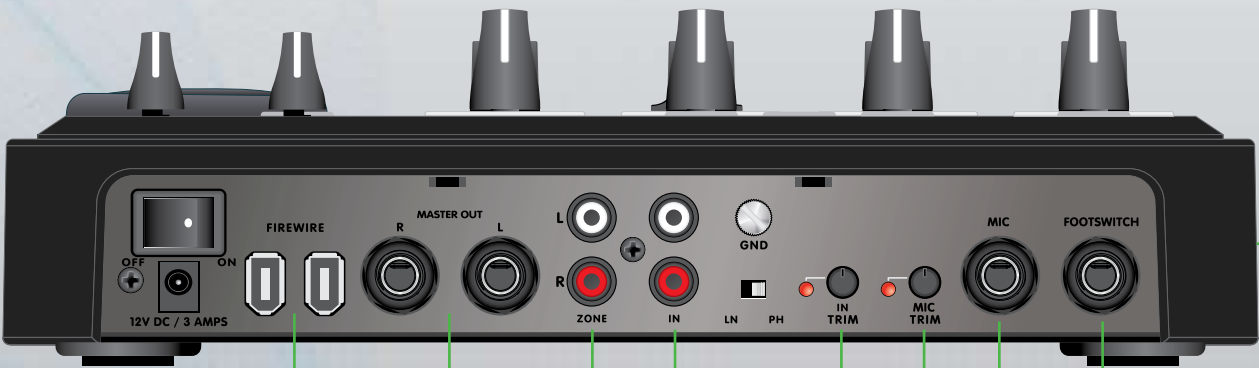
- 13.88 lbs / 6.29 kg
- 3.25"H x 14.5"W x 16.75"L

## Motorized Platter

Motor Type	16 pole, 3 phase, brushless DC motor
Speeds	33 1/3 rpm, 45 rpm
Starting Torque	>4.5 kgf.cm
Starting Time	0.2 sec
Braking Time	0.2 sec

## Power

Voltage / Amps	24V DC / 3.0
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### Firewire Jacks

Sends audio and MIDI to and from the mixer. Multiple MIDI devices can be strung together to create a chain of SCS components.

### Master Output

Used for sending balanced master audio bus to PA.

### Zone Output

Can be used as a zone (booth) output for independent control for monitoring. Can also be used as an AUX out for external FX.

### Phono / Line Input

Used to plug in turntables or CD players for recording realtime samples or playback of non digital audio medium.

### Phono / Line and Mic Trim & Clip LED

Used to adjust the volume of the Phono / Line and Mic inputs to avoid clipping and obtain maximum sound quality.

### Mic Input

Connect a microphone for sampling your voice or getting the crowd hyped up!

### Footswitch Input

A footswitch may be connected for toggling of virtual decks or any other MIDI control in software.

### Headphone Output (on front panel)

Used to drive DJ headphones for cueing and monitoring of the mix.



### Firewire Jacks

Sends MIDI to and from the deck. Multiple MIDI devices can be strung together to create a chain of SCS components.





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