



Numark  
NS4FX  
Quick-Start Guide

# Setup

## Serato Software

The Numark NS4FX is a “Serato DJ Lite hardware unlocked” device, meaning it works with Serato DJ Lite out of the box.

It is also a “paid upgrade to Serato DJ Pro device”, meaning it requires the purchase & activation of a Serato DJ Pro license, in order to be used with Serato DJ Pro.

You can also try Serato DJ Pro, before making a purchase.

[Click here to learn about buying or activating Serato DJ Pro](#)

or

[Click here to learn about trying Serato DJ Pro](#)

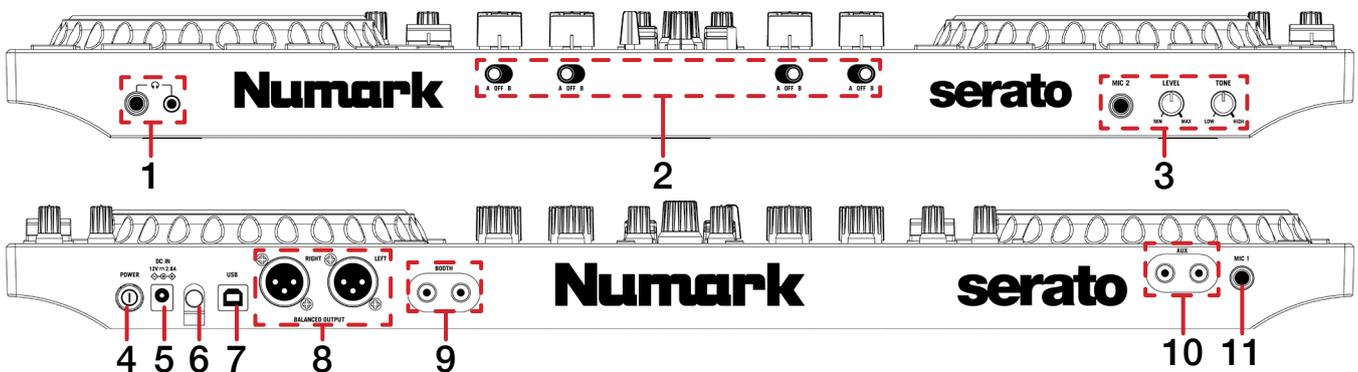
Please ensure you have the latest version of Serato DJ Pro installed:

[Click here to download Serato DJ Pro](#)

## Driver Software

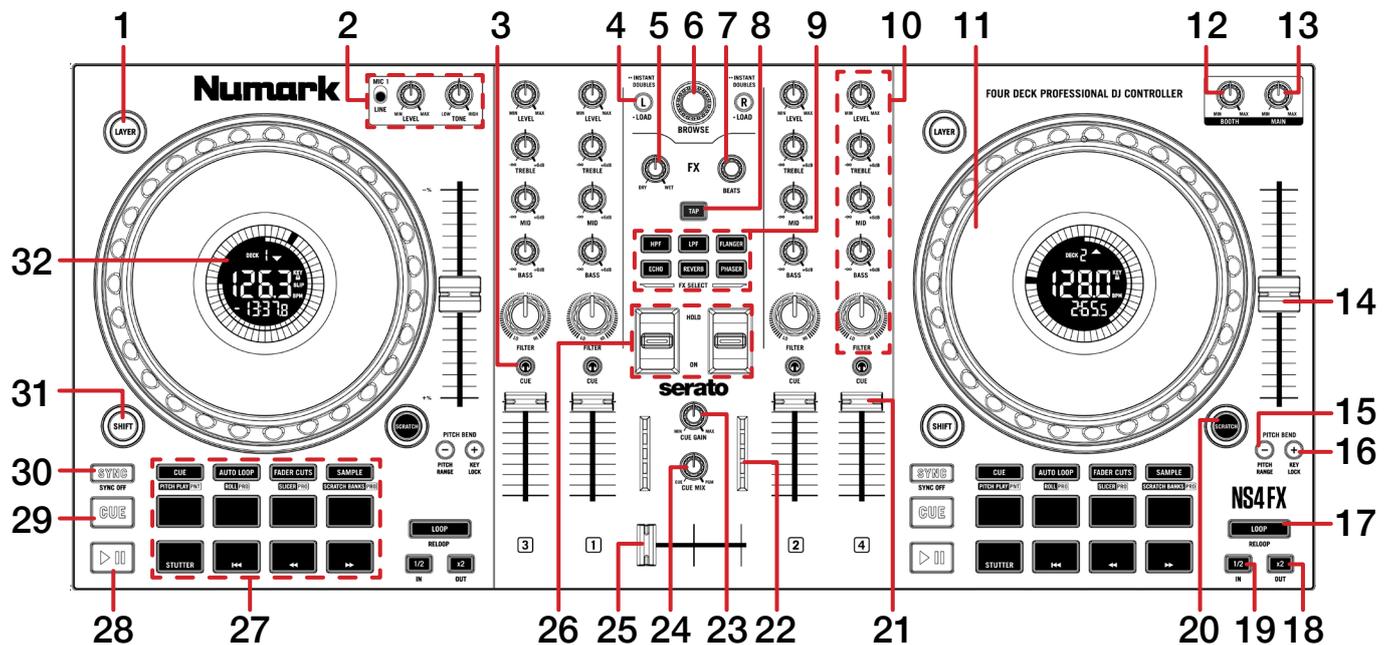
The Numark NS4FX does not require manufacturer specific drivers on either macOS or Windows operating systems, simply connect your NS4FX with a USB cable to your computer, and launch the latest version of Serato DJ Pro.

## Overview



#	Numark NS4FX CONTROL	FUNCTION
1	1/8" & 1/4" HEADPHONE JACK	Connect your headphones via 1/8" or 1/4" outputs
2	A-OFF-B (section)	Assign crossfader, per channel, to deck A, OFF, or B
3	MIC2/LEVEL/TONE	Connect microphone via 1/4" / TRS jack / Adjust MIC2 level / Adjust MIC2 tone
4	POWER	Press to turn device power on/off
5	DC IN	Connect power adapter
6	KENSINGTON LOCK	Secure device
7	USB	Connect USB cable to PC
8	BALANCED OUTPUT	Connect (main) output via XLR
9	BOOTH	Connect (booth) output via RCA
10	AUX	Connect (auxiliary) input via RCA
11	MIC1	Connect microphone via 1/4" / TRS jack

# Overview



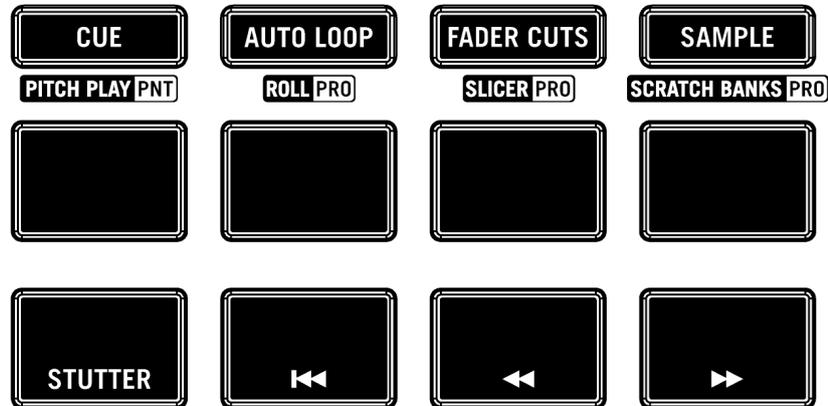
#	NS4FX CONTROL	FUNCTION	Shift
1	LAYER	Toggle between decks 1 or 3, or decks 2 or 4 (per side)	-
2	MIC 1 (section)	Adjust MIC1 input, level & tone	-
3	CHANNEL CUE	Press to cue channel for monitoring in headphones	-
4	LOAD L/R	Load currently highlighted track to left deck, or right deck (per side), double-press to instant double	-
5	(FX) DRY/WET	(Multi FX mode) Effects Parameter 1 (adjust depth) / (Single FX mode) Effects Depth 1 (adjust)	-
6	BROWSE	Turn to scroll library. Press in to toggle forward between track and crate selection	Turn for fast library scroll. Press in to add to Prepare Crate
7	(FX) BEATS	Adjust Beats multiplier	-
8	(FX) TAP	Tap FX Tempo	-
9	FX SELECT	Effects Slot Select 1 (Single FX mode)	Effects Slot Select 1 (Multi FX mode)
10	CHANNEL LEVEL/EQ/FILTER	Adjust channel level, adjust channel EQ (treble/mid/bass), or adjust channel combo filter (per channel)	-
11	JOG WHEEL	Control the waveform within Serato DJ Pro	Platter skip
12	BOOTH	Adjust booth output level	-
13	MAIN	Adjust main output level	-
14	TEMPO SLIDER	Adjust playback tempo of current loaded track	Ignore tempo slider
15	PITCH BEND -	Pitch Bend down	Press to toggle between pitch ranges (per deck)

# Overview

#	NS4FX CONTROL	FUNCTION	Shift
16	PITCH BEND +	Pitch Bend up	Enable/disable Key Lock for deck
17	LOOP	Toggle Autoloop on/off	Reloop/Exit Loop
18	X2	Double active loop length	Set or Edit Loop out point
19	1/2	Halve active loop length	Set or Edit Loop in point
20	SCRATCH	Toggle vinyl mode on/off per deck	-
21	CHANNEL FADER	Adjust channel volume	Fader Start
22	METER	Observe deck level via meter	-
23	CUE GAIN	Adjust headphone output level	-
24	CUE MIX	Adjust headphone output mix between CUE and PGM	-
25	CROSSFADER	Fade audio between the Deck A & Deck B	-
26	FX HOLD/ON	Push up to permanently engage FX, or push down to momentarily engage FX	-
27	PERFORMANCE PADS	<a href="#">SEE PERFORMANCE PAD SECTION BELOW FOR MORE INFORMATION</a>	-
28	PLAY/PAUSE	Play or pause the currently loaded track	Stutter Play
29	CUE	Set/play from a temporary cue point	Load previous track
30	SYNC	Turn Sync on for the respective deck	Turn off Sync
31	SHIFT	Used with other controls that have shift modifier functions	-
32	JOG WHEEL DISPLAY	Display playing track information	-

# Performance Pads

The Numark NS4FX comes with 8 performance pads, that can be used across 8 different performance pad modes in Serato DJ Pro. These consist of:



**CUE mode:** Press this pad mode button once to select CUE mode. In this mode pads 1-8 trigger Serato DJ Pro Cue points, and if no Cue point is present on that slot/pad, pressing that pad will set a Cue point. Holding down the **SHIFT** button while pressing a pad will delete the Cue point from the respective pad/slot.

**AUTO LOOP mode:** Press this pad mode button once to select AUTO LOOP mode. Pads 1-8 trigger an autoloop of variable sizes. Use the loop selection area in the Serato DJ Pro user interface, to influence the 8 available autoloop sizes.

**FADER CUTS mode:** Trigger fader cuts. This mode is firmware-based and not controlled by Serato DJ Pro - see Numark documentation for more information.

**SAMPLE mode:** Press this pad mode button to select SAMPLER mode. Press pads 1-8 in this mode to trigger samples loaded into the Serato DJ Pro Sampler. Holding **SHIFT** while pressing a pad will stop a currently playing Sampler slot, or load a new sample to the Sampler slot if empty.

**PITCH PLAY mode:** Hold the **SHIFT** button and press **CUE** to select PITCH PLAY mode. In this mode, pads 1-8 play Cue points over variable pitch ranges. This requires the Serato Pitch 'n Time DJ expansion pack to be activated, see the [PITCH PLAY section](#) for more information.

**ROLL mode:** Hold the **SHIFT** button and press **AUTO LOOP** to select ROLL mode. Holding pads 1-8 activate a loop roll of varying sizes (1/8 to 16 beats). Release the pad to exit the Loop Roll.

**SLICER mode:** Hold the **SHIFT** button and press **FADER CUTS** to select SLICER mode. In this mode a specified range (or domain) is divided into eight equal sections, and these eight sliced sections are assigned to the respective performance pads (1-8), and can be triggered by pressing each pad. The domain shifts as the track duration elapses.

**SCRATCH BANK mode:** Hold the **SHIFT** button and press **SAMPLE** to select SCRATCH BANK mode. Scratch Bank Mode allows you to assign files in your Serato DJ Pro library to a pad. When a pad is triggered, the file corresponding file will be loaded to deck. See the [SCRATCH BANK section](#) for more information.

# Scratch Banks

Holding the **SHIFT** button and pressing the **SAMPLE** pad mode button on the Numark NS4FX will allow for use of Scratch Banks. This mode allows you to assign files in your Serato DJ Pro library to a pad. When a pad is triggered, the file corresponding file will be loaded to deck. The left set of pads will load to deck 1 where as the right will load to deck 2.

Click the Scratch Bank button  in the top tool bar of Serato DJ Pro to reveal the Scratch Bank Panel. In this panel you can load and eject files from the Scratch Banks, as well as chose the preferences you wish to load to the deck upon triggering the pad. These preference include the start point of the file, Key Lock on/off and Repeat on/off. Clicking the  button in the top left corner of the panel will change between Advanced and Simple View.

Holding **SHIFT** and pressing on any Scratch Bank pad will unload the currently loaded Scratch Bank file and re-load the last track to be loaded to that deck.

# Beat Jump

To activate Beat Jump, open the Setup screen and under the DJ preferences tab turn on “Show Beat Jump Controls”.



When you close the Setup screen you will see Beat Jump controls underneath the existing Auto Loop values on each deck. Checking this box will turn on Beat Jump features in the deck area and let you control Beat Jump from on your supported Serato DJ Pro hardware.



When the Beat Jump option is enabled, performance pad modes AUTO LOOP or ROLL mode (where applicable) will use the bottom row of 4 pads (pads 5-8) as Beat Jump controls. This is designed to mirror the change in deck Auto Loop area (from 8 Auto Loop sizes to 4 Auto Loop sizes + Beat Jump controls).

# Pitch Play

Hold the **SHIFT** button and press the **CUE** pade mode button on the NS4FX, to select PITCH PLAY mode. In this mode you an play Cue Points over variable pitch ranges.

There are 3 key ranges to choose from. The following tables show pitched key ranges (in Semitones) while using the 8 performance pads in Pitch Play mode.

The root key pad (0) is always lit white, which will play the cue point at it's regular pitch.

Pressing Parameter left & right while holding **SHIFT** will shift up or down a single semitone. In Pitch Play mode, pressing a pad will pitch the currently selected cue point up or down the following ranges:

## Up Range: (Up 7 Semitones)

+4	+5	+6	+7
0	+1	+2	+3

## Middle Range: (Up 3/Down 4 Semitones)

0	+1	+2	+3
-4	-3	-2	-1

## Down Range: (Down 7 Semitones)

-3	-2	-1	0
-7	-6	-5	-4

When Pitch Play mode is first enabled, the middle range is selected. If a new track is loaded, key mode will default to middle range.

PITCH PLAY can only pitch one Cue point at a time. To change the selected Cue, hold the **SHIFT** button and press a performance pad where the cue point you want to select would be (as shown in the CUE performance pad mode). While holding **SHIFT**, press the corosponding performance pad for:

Cue 1	Cue 2	Cue 3	Cue 4
Cue 5	Cue 6	Cue 7	Cue 8

The selected cue point defaults to Cue Point 1 on track load, even if instant doubled. If a pad with no cue point is selected, then a new cue point will be created. Deleting a cue point however, is not possible in PITCH PLAY mode. Range is remembered if you choose another pad mode, then go back. If a new track is loaded, the mode will default to middle range.

**NOTE:** Pitch Play mode is available once the Pitch 'n Time DJ Expansion Pack has been activated in the Expansions window, under the My Account drop-down. Make sure "Enable Pitch 'n Time DJ" is then checked in the Expansion Pack tab of the SETUP screen.

# MIDI

The MIDI feature in Serato DJ Pro provides the ability to remap Serato DJ Pro software functions to your primary Serato controller, interface or mixer. You can also assign controls to a secondary MIDI controller to further enhance your performance.

[For more information on MIDI mapping with Serato DJ Pro click here](#)

To remap your supported Serato device, open the SETUP screen and click the MIDI tab. If your Serato device supports hardware remapping, it will show up in the MIDI Devices list at the top.

Select your connected device from the MIDI Devices list and make sure the “Allow Serato Hardware Remapping” option is checked.

Allow Serato Hardware Remapping

Once checked, the MIDI assign button at the top of the screen will become available for you to start remapping.

You can save, edit or delete MIDI presets in the MIDI tab of the SETUP screen. Clicking ‘Restore Defaults’ will erase any custom mappings for all connected devices and revert their functions back to default.

# Help

## Show Tooltips

Click on the **Help** button in the upper right-hand corner of Serato DJ Pro, then **Show tooltips** to enable tooltips. Tool tips provide a handy way to learn the various features of Serato DJ Pro.

Move the mouse over a section of the screen to bring up a context sensitive tool tip.

## Watch Tutorials

Click on the **Help** button in the upper right-hand corner of Serato DJ Pro, then **Watch tutorials** to launch your default internet browser and watch tutorials, to help you get familiar with Serato DJ Pro.

## Get Support

Click on the **Help** button in the upper right-hand corner of Serato DJ Pro, then **Get support** to launch your default internet browser and navigate to the Serato DJ Pro knowledge base, where you can find helpful articles and guides on Serato DJ Pro. Alternatively, type in the  **Go** box, with keywords, to search the Serato DJ Pro knowledge base for specific, related topics.