QUICK-START GUIDE

NUMARK NS7II

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Installation And Setup

The Numark NS7 II requires drivers for both Mac and Windows. You will find these on the installation CD that is provided with your Numark NS7, or go to http://serato.com/dj/support

NOTE: Please ensure you have the latest available drivers AND firmware updates, which may be required in order to be compatible with Serato DJ. Please go to http://serato.com/dj/support
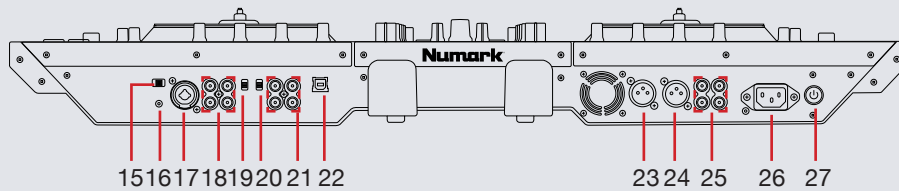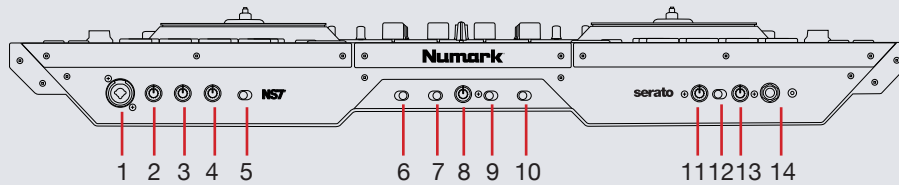
1. Download and install the latest version of Serato DJ from http://serato.com/dj/downloads
2. Connect your Numark NS7 II to an available USB Port.
3. Open Serato DJ.

NOTE: The Numark NS7 II does not require a Serato DJ license purchase. When you first download Serato DJ you will see an Online panel appear on the right hand side for you to manage your Serato DJ licenses and Expansion Packs.

Simply tick the box ☑ DO NOT SHOW AGAIN in the bottom right hand corner, then click on Online which will hide this panel. Serato DJ will remember these settings for when you next open the software.
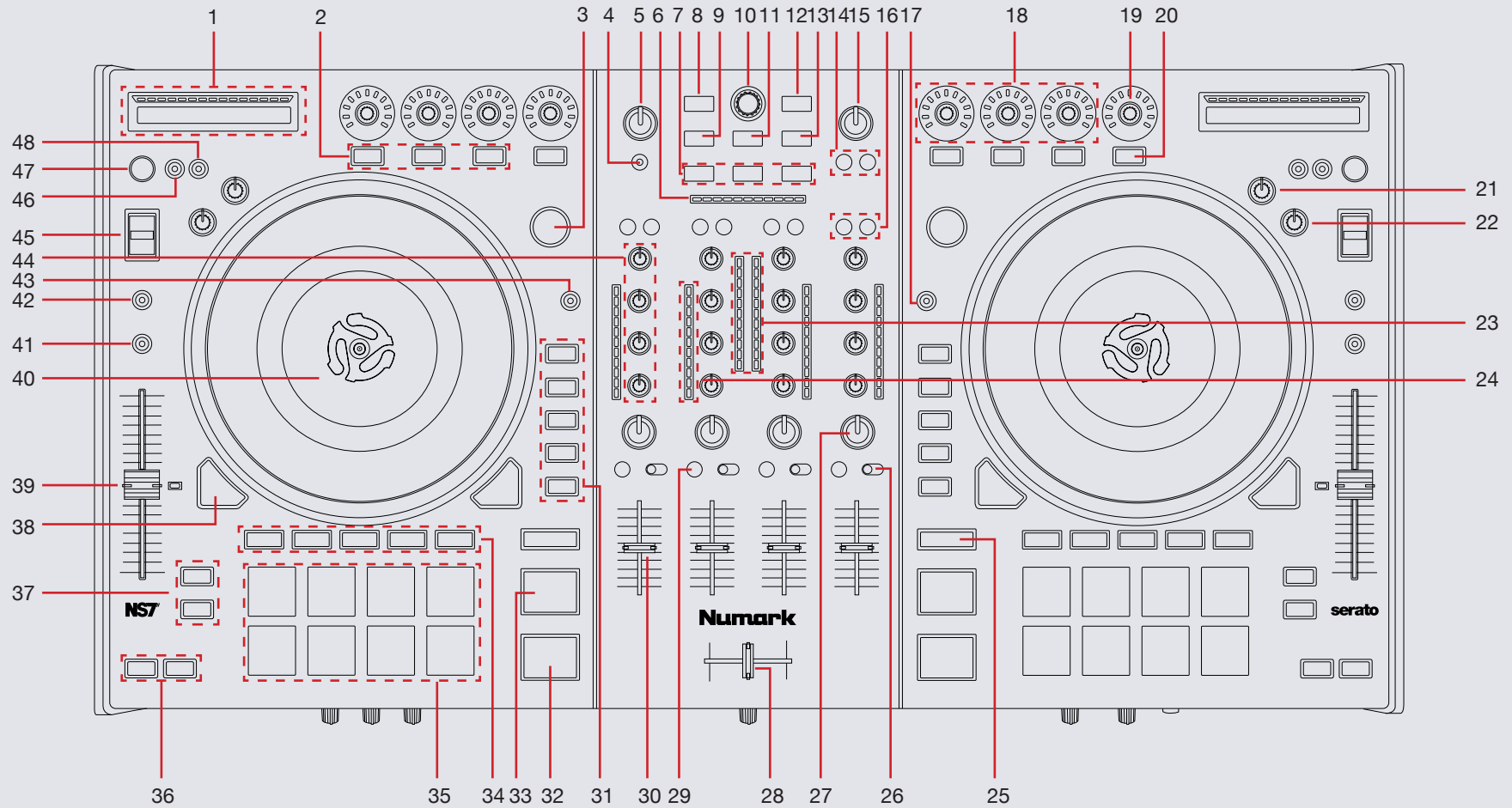
#	Numark NS7II Control	Function
1	MIC1 INPUT	Connect an XLR or 1/4" jack microphone to this input
2	MIC1 GAIN	Adjusts the Gain of the MIC1 Input
3	MIC1 BASS	Adjusts the Low frequencies of the MIC1 Input
4	MIC1 TREBLE	Adjusts the High frequencies of the MIC1 Input
5	MIC1 OFF ON	Turn MIC1 Input OFF/ON
6	3 (A OFF B)	Channel 3 crossfader assign. Switch between SIDE A/OFF/SIDE B
7	1 (A OFF B)	Channel 1 crossfader assign. Switch between SIDE A/OFF/SIDE B
8	CROSSFADER CONTOUR	Adjusts the slope of the crossfader curve
9	2 (A OFF B)	Channel 2 crossfader assign. Switch between SIDE A/OFF/SIDE B
10	4 (A OFF B)	Channel 4 crossfader assign. Switch between SIDE A/OFF/SIDE B
11	BLEND	Blend your headphone output between CUE and PGM
12	SPLIT CUE OFF ON	Turn Split Cue OFF/ON

#	Numark NS7II Control	Function
13	HEADPHONE VOLUME	Adjusts the level of the headphone audio
14	HEADPHONES	Connect your 1/4" or 1/8" headphones to this output for cueing
15	MOTOR TORQUE	Select between either low or high motor torque. At the high setting, the PLATTERS will have the heavier, stronger feel. At the lower setting, they are lighter and more graceful.
16	GROUNDING POST	Connect the ground cables here when connecting a phono source
17	MIC INPUT 2	Connect an XLR or 1/4" jack microphone to this input
18	CH 2 & 4 LINE/PHONO INPUT	Inputs 2 and 4 (RCA)
19	CH 2 LINE/PHONO SWITCH	Select between Line or Phono for input 2
20	CH 1 LINE/PHONO SWITCH	Select between Line or Phone for input 1
21	CH 1 & 3 LINE/PHONO INPUT	Inputs 1 and 3 (RCA)
22	USB	Connect USB cable to this port from computer
23	MASTER OUTPUT RIGHT (XLR)	Connect this low-impedance XLR output to a PA system or powered monitors
24	MASTER OUTPUT LEFT (XLR)	Connect this low-impedance XLR output to a PA system or powered monitors
25	MASTER/BOOTH OUTPUT (RCA)	Use standard RCA cables to connect this output to a speaker or powered monitors
26	POWER IN	Use the included power cable to connect NS7 to a power outlet
27	POWER SWITCH	Turns NS7 on and off

Controller

NOTE: The DELETE (SHIFT) button is used with other buttons that have shift modifier functions.

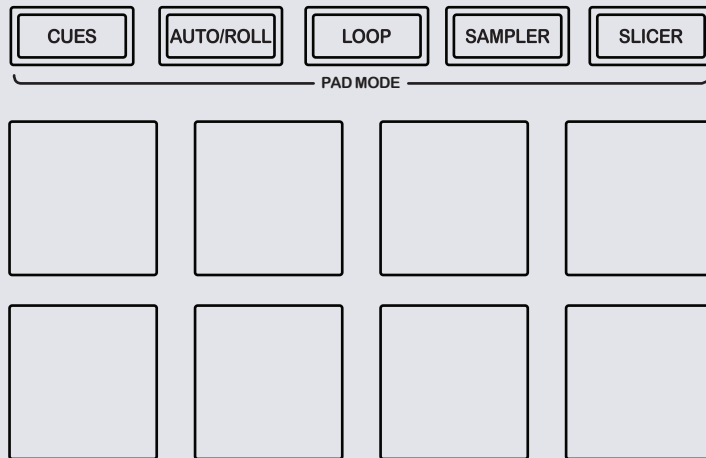| #	Numark NS7MK II CONTROLS	SERATO DJ FUNCTIONS	DELETE (shift)
1	STRIP SEARCH	Playhead Jump to Position	
2	FX ON	Effect Slot Enable	FX Select
3	SHIFT	Software Shift Modifier	
4	VIEW	Cycle through available Panels	Cycle through available View modes.
5	MIXER BOOTH GAIN (ABSOLUTE)	Booth Volume	
6	BPM METER	Mixer Tempo/Phase Graph	
7	LOAD	Load Funtionality	
8	BACK	Navigate Back	Sort Library Crate by TRACK #
9	CRATES	View Crates	Sort Library/Crate by Song
10	BROWSE KNOB	Library Scroll	
11	PREPARE	Open/Close Prepare Panel	Sort Library/Crate by Artist
12	FORWARD	Navigate Forward	Sort Library/Crate by Album
13	FILES	Open/Close Files Panel	Sort Library/Crate by BPM
14	MASTER FX ASSIGN	Master FX Assign A,B	
15	MASTER VOLUME	Master Volume Control Knob	
16	CHANNEL FX ASSIGN	Channel FX Assign	
17	FILTER MODE	Enables Filter Rolls	Enables Filter FX control
18	FX PARAM (knob)	Adjusts FX Parameter Depth	
19	FX BEATS (knob)	Adjusts FX beats Parameter	
20	FX TAP TEMPO	Tap to adjust FX Tempo	FX Mode Select
21	START TIME	Adjust Platter Start	
22	STOP TIME	Adjust Platter Stop	
23	MASTER LEVEL	Displays the Master Audio's output	
24	CHANNEL LEVEL	Displays the Channel Audio's output	

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NOTE: The DELETE (SHIFT) button is used with other buttons that have shift modifier functions.

#	Numark NS7MK II CONTROLS	SERATO DJ FUNCTIONS	DELETE (shift)
25	SYNC	Sync On	Sync Off
26	INPUT SELECT	Select PC/Mic/Line inputs of channel	
27	FILTER (knob)	LPF/HPF Filter Combo Adjust	
28	CROSSFADER	Outputs the sound assigned with the crossfader assign switch	
29	CUE	Cue Selected Channel	
30	CHANNEL FADER	Adjust Channel Output	
31	HOT CUE (1-5)	Add/Trigger Cue Points 1-5	Delete Cue Points 1-5
32	PLAY/PAUSE	Play/Pause Track	Stutter Play
33	CUE	Add or Trigger Temporary Cue	Previous Track
34	PERFORMANCE PAD MODE SELECT	Toggle & Select Performance Pad Modes (SEE PERFORMANCE PADS)	
35	PERFORMANCE PADS	Controls Performance Modes (SEE PERFORMANCE PADS)	
36	PITCH BEND (+/-)	Press or hold down either of these buttons to temporarily adjust the track's playback speed. When released, the track playback will return to the speed designated by the Pitch Fader.	Sort Library/Crate by Album
37	PARAM.1 & PARAM.2	Adjusts Parameters of Performance Pad Function	
38	DECK SELECT	Activates Selected Deck	
39	TEMPO FADER	Adjusts Tempo	
40	PLATTER	Adjust/Scratch or Jog	
41	RANGE	Cycles through available Tempo Range options	Master Tempo

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NOTE: The DELETE (SHIFT) button is used with other buttons that have shift modifier functions.

#	Numark NS7MK II CONTROLS	SERATO DJ FUNCTIONS	DELETE (shift)
42	MOTOR OFF	Press this to disable Platter Motor and bring it to a stop	
43	TOUCH	Enables touch sensitivity for the FX knobs	Enables touch sensitivity for the channel EQ knobs (and the FX knobs)
44	EQ (knob/s)	Adjust HI, MID & LOW	
45	BLEEP/REVERSE	Censor/Reverse Playback	
46	GRID ADJUST	Adjusts Beat Grid	Set Beat Grid
47	TAP	Tap this button at the same tempo as the track to edit the BPM. Press and hold to save BPM.	
48	GRID SLIP	Slip Beat Grid	Clear Beat Grid

Performance Pads

| CUES | AUTO/ROLL | LOOP | SAMPLER | SLICER |

PAD MODE

The performance pads have eight different modes you can select. The first four modes are; Hot Cue, Roll, Slicer and Sampler.

- **CUE Mode:** When pressing buttons 1-8 you can add up to 8 Cue Points. Holding SHIFT and pressing buttons 1-8 will delete the Cue Points.
- **AUTO LOOP mode: When pressing buttons 1-8 you can activate an Auto Loop. The Loop Length is determined by the Auto Loop Range currently selected in the Auto Loop section in the software, which you can change this using the PARAM.1 buttons. SEE LOOPING FOR MORE INFORMATION.**
- **MANUAL LOOP mode:** Pressing buttons 1-8 can set, save and launch previously made Manual Loops. Use the **PARAM.1** buttons to halve or double the loop length. **SEE LOOPING FOR MORE INFORMATION.**
- **SAMPLER Mode:** Buttons 1-6 Trigger Samples loaded in your Sample

Banks. Use **PARAM.1** to cycle through Sample Banks. Holding **SHIFT** and pressing buttons 1-6 will stop the sample playing. When a sample slot is empty, pressing the Buttons 1-6 + **SHIFT** will load the currently selected track in library panel to the corresponding sample slot.

- **SLICER Mode:** A specified range (or domain) is divided into eight equal sections, and these eight sliced sections are assigned to the respective performance pads. Pressing **SLICER** once for the first mode, is a shifting Slicer Domain. Pressing **SLICER** twice, for the second mode is a fixed Slicer Domain or "loop". Use **PARAM.1** to set the quantization for the slicer function. The quantization can be set in four ways: 1/8, 1/4, 1/2 and 1. **PARAM.2** (Hold **SHIFT** + **PARAM.1**) sets the domain. The domain can be set to one of six settings: 2 beats, 4 beats, 8 beats, 16 beats, 32 beats or 64 beats.

The next four modes are activated by pressing the pad mode selection button for a second time. The next four modes are; Hot Loop, Loop Roll, Manual Loop and Velocity Sampler.

- **HOT LOOP mode:** Press buttons 1-8 to trigger your hot cues. it will also enable an auto loop after the selected Cue Point with the current auto loop length. Use the **PARAM.1** buttons to halve or double the loop length. **SEE LOOPING FOR MORE INFORMATION.**
- **ROLL Mode: When pressing buttons 1-8 you can activate a loop roll. The Loop Length is determined by the Auto Loop Range currently selected in the Auto Loop section in the software, which you can change this using the PARAM.1 buttons. SEE LOOPING FOR MORE INFORMATION.**
- **VELOCITY SAMPLER Mode:** Buttons 1-6 behave in the same way as the standard sampler mode described above. However, in Velocity Sampler mode the volume of the sample will be affected by the amount of pressure applied to the button.
- **FIXED SLICER** Domain or "loop". Use **PARAM.1** to set the quantization for the slicer function. The quantization can be set in four ways: 1/8, 1/4, 1/2 and 1. **PARAM.2** (Hold **SHIFT** + **PARAM.1**) sets the domain. The domain can be set to one of six settings: 2 beats, 4 beats, 8 beats, 16 beats, 32 beats or 64 beats

LOOPING

You have up to 8 loops per track in Serato DJ, and the choice between either manual or auto loops. You can choose whether you have 4 loops (and 4 cuepoints) showing on screen, or 8 loops. To switch between Manual and Auto looping, click 🔁 (Manual) or 🔄 (Auto) onscreen. When using your controller the four different looping modes, **ROLL** mode, **HOT LOOP** mode, **AUTO LOOP** mode, and **MANUAL LOOP** Mode can all be activated and controlled via the eight performance pads.

Loop Roll Mode, Auto Loop Mode and Hot Loop Mode

Loop Roll Mode, Auto Loop Mode and Hot Loop Mode are three of the performance pad modes. Activate Loop Roll mode on the performance pads by pressing the **ROLL** button on your controller, press the **ROLL** button with **SHIFT** to activate Auto Loop Mode. Press the **HOT CUE** button with **SHIFT** to activate Hot Loops. **SEE PERFORMANCE PADS FOR MORE INFORMATION.**

NS7II Control	Loop Roll Mode	Auto Loop Mode	Hot Loop Mode
Pads 1-8	Loop Roll ON/OFF	Auto Loop ON/OFF	Hot Loop ON/OFF
Pads 1-8 + SHIFT	Not Mapped	Not Mapped	Play from selected cue point without exiting loop
PARAM.1	Shift Loop Roll range	Shift Auto Loop range	Halve/Double loop length
PARAM.2 (PARAM.1 + SHIFT)		Shift Loop Left/Right	Shift Loop Left/Right
AUTO LOOP (knob)	Turn to adjust loop length	Turn to adjust loop length	Turn to adjust loop length

Manual Loop Mode:

Manual Loop Mode is the last of the 4 looping modes. It enables you to manually set the length of your loops, save your loops as well as launch previously saved loops. Activate Manual Loop mode on the performance pads by holding the **SHIFT** button and pressing the **SLICER LOOP** button on your controller **SEE PERFORMANCE PADS FOR MORE INFORMATION.**

NS7II Control	Manual Loop Mode	Shift Function
Pad 1	Not Mapped	
Pad 2	Turns selected loop ON/OFF	
Pad 3	Save loop to selected slot	
Pad 4	Scrolls up through available loop slots	
Pad 5	Start loop. Edit start of loop point (if Loop already active)	
Pad 6	End loop. Edit end of loop point (if Loop already active)	
Pad 7	First press turns selected loop ON and moves playhead to loops start point. Second press turns loop OFF	
Pad 8	Scrolls down through available loop slots	
PARAM.1	Halve/Double Loop length	Shift Loop to the Left/Right
PARAM.2	Use to adjust start/end of loop when editing a loop	

NOTE: You can also save a loop to the next available free loop slot in the software. To do this, either click the 💾 button in the manual/auto loop tab or click ➕ on an available loop slot. Your loops are saved to the file and recalled the next time it is loaded. They are not lost if the file is moved or renamed.

DJ FX

The DJ-FX in Serato DJ are powered by iZotope™. Click the FX tab REC **FX** SP-6 to open the FX panel. Select either 1, 2 or M to assign the selected effect bank to a deck or Master Output.

There are two available modes in the DJ-FX. Single FX Mode allows you to select one effect per FX bank, and has multiple parameters that can be adjusted. Multi FX Mode allows you to select up to three effects per FX bank, and adjust only one parameter, the FX Depth. The same effects available in Single FX mode are available in Multi FX mode, as well some additional presets.

You can select between the two FX modes by clicking either the Single FX mode button   Multi FX mode button

#	NS7II Control	Single FX Mode	Multi FX Mode
1	SOURCE	Apply FX Unit to Deck A/ Deck B/Aux or Main	Apply FX Unit to Deck A/ Deck B/Aux or Main
2	FX SELECT	Select Effect	Select Effect in Slot 1
3	FX MIX (slider)	Adjust Parameter 1	Adjust Slot 1 FX Parameter
4	FX PARAM	Adjust Beats Multiplier	Adjust Beats Multiplier
5	FX ON/OFF	Effect On/Off	Slot 1 Effect On/Off
6	TAP	Tap to the desired FX tempo. To return to AUTO mode, press and hold	Tap to the desired FX tempo. To return to AUTO mode, press and hold

SERATO VIDEO

Serato Video is a software plugin for Serato Software which adds the ability to playback and mix video files, use effects and fader transitions with your Serato DJ Controller, an additional MIDI controller or your mouse/keyboard.

For more information on Serato Video go to http://serato.com/video.

MIDI

The MIDI control feature in Serato DJ provides the ability to map Serato DJ software functions to MIDI controller functions such as keyboards, triggers, sliders, and knobs. Integrating MIDI controllers into your Serato DJ setup can improve live performance usability, such as hitting pads on a MIDI controller to trigger Loops and Cue Points.

For more information download the Serato DJ manual by going to http://serato.com/dj/downloads

NOTE: You can not MIDI Map your Numark NS7 MKII, you will need to connect an additional MIDI controller to use these MIDI functions.

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Using the Tool Tips

Click on the ⓘ icon to enable Tool Tips. This is located in between the MIDI and setup button in the top right hand corner of the screen. Tool Tips provide a handy way to learn the various features of Serato DJ.

Move the mouse over a section of the screen to bring up a context sensitive tool tip. Holding the mouse over the ⓘ button with Tool Tips turned on will show you a list of all keyboard shortcuts.

For more information about how to use Serato DJ, please go to our website www.serato.com or refer to the Serato DJ Software Manual. For more information on your controller, please refer to the hardware manual.

For further help, please contact support@serato.com or go to www. serato.com/dj/support