

QUICK-START GUIDE NUMARK NS6 II

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Installation and Setup

The Numark NS6 II is a class compliant USB plug and play device for Mac, however requires drivers for Windows. You will find these on the Numark NS6 II website.

NOTE: Please ensure you have the latest available drivers AND firmware updates, which may be required in order to be compatible with Serato DJ.

1. Download and install the latest version of Serato DJ from <http://serato.com/dj/downloads>
2. Connect your Numark NS6 II to an available USB Port.
3. Open Serato DJ.

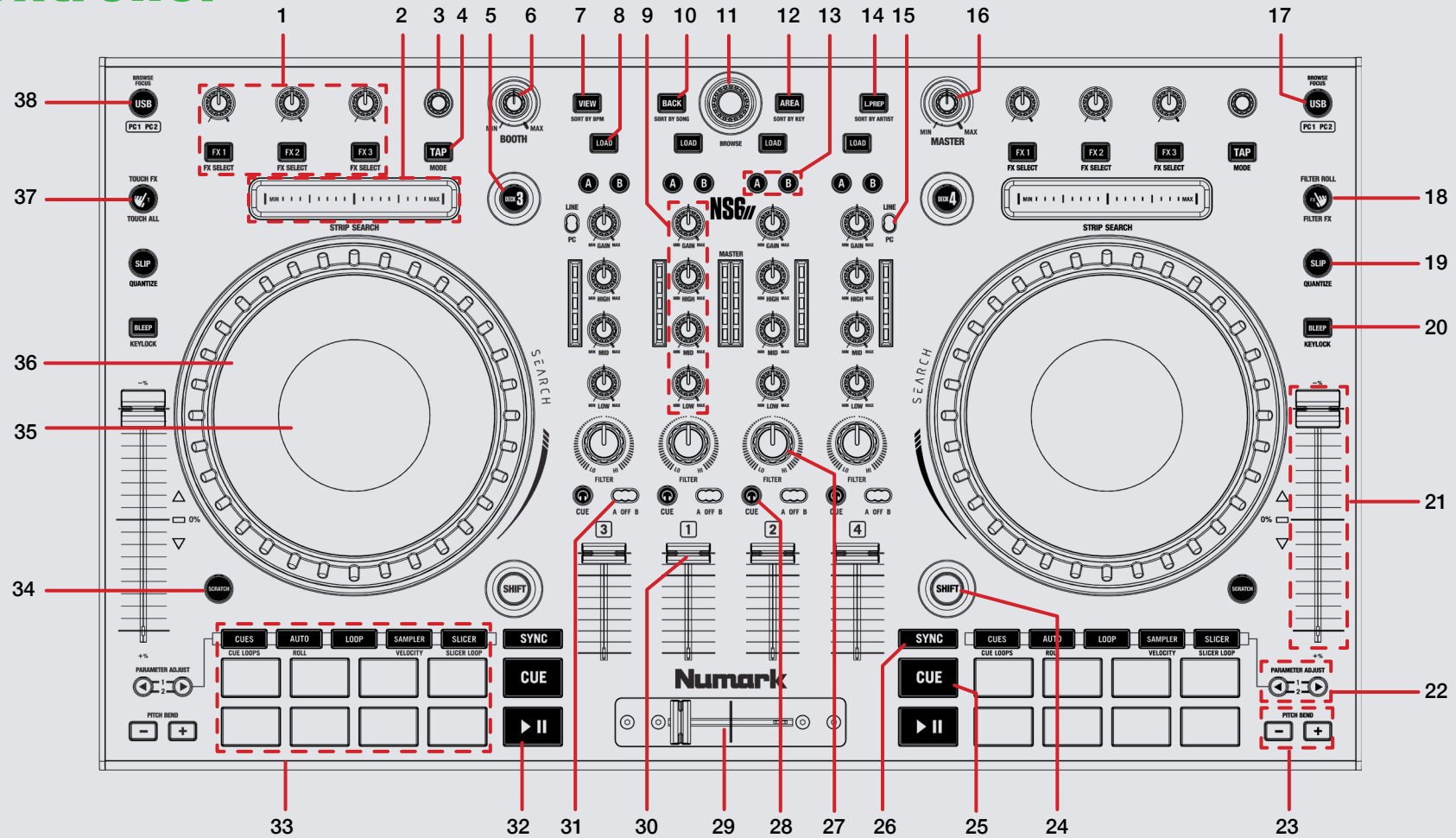
NOTE: The Numark NS6 II does not require a Serato DJ license purchase. When you first download Serato DJ you will see the MY SERATO panel appear on the right hand side.

Simply tick the box DO NOT SHOW AGAIN in the bottom right hand corner, then click on **My Serato** which will hide this panel. Serato DJ will remember these settings for when you next open the software.

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Controller



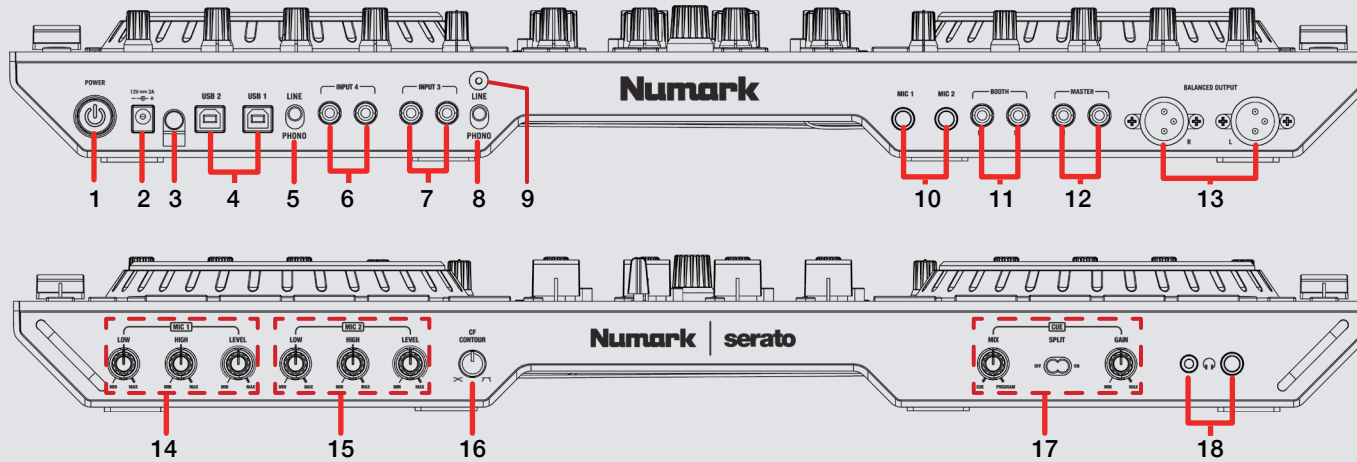
NOTE: The SHIFT button is used with other buttons that have shift modifier functions.

#	Numark NS6 II Control	Function	Shift Function
1	FX 1-3	DJ-FX slot 1-3 Effect On/Off/Adjust Slot 1-3 FX Parameter	SEE DJ-FX FOR MORE INFORMATION
2	TOUCH STRIP	Jump to track position	
3	BEATS	Adjust Beats Multiplier (Push in to revert to default value)	
4	TAP TEMPO	Tap for manual FX tempo. Hold to return to AUTO	Toggles between Single and Multi FX modes
5	DECK SELECT	Change Deck Layer	
6	BOOTH OUTPUT GAIN	Adjust Booth output volume	
7	VIEW	Cycle Serato DJ view modes	Sort library by BPM column
8	LOAD	Loads highlighted track to deck	Instant double highlighted track
9	CHANNEL GAIN/EQ	Channel gain and EQ controls	
10	BACK	Toggles focus back between Library and Crate list	Sort library by SONG column
11	BROWSER	Library scroll	Fast Library scroll
12	AREA	Cycle Serato DJ areas (FILE/BROWSE/PREPARE/HISTORY)	Sort library by KEY column
13	FX ASSIGN	Assign channel to FX unit A/B	
14	LOAD PREPARE	Loads the highlighted track to Prepare Crate	Sort library by ARTIST column
15	SOURCE SELECT	Select source for channel 3 & 4	Toggle through Serato DJ areas
16	MASTER OUTPUT GAIN	Adjusts Master Output volume	
17	LIBRARY USB FOCUS FOR DECK 2/4	Toggle PC1 or PC2	
18	FILTER ROLL / FILTER FX MODE	Toggle Filter Roll mode ON / Filter FX mode ON / OFF SEE TOUCH & FILTER MODE FOR MORE INFORMATION	
19	SLIP	Toggle Slip ON / OFF	Toggle Quantize ON / OFF
20	BLEEP	Censor playing track	Toggle Keylock ON / OFF
21	TEMPO SLIDER	Adjust tempo/pitch	Ignore tempo/pitch adjustment
22	PARAMETER ADJUST	Adjust parameter 1 for selected performance pad mode	Adjust parameter 2 for selected performance pad mode

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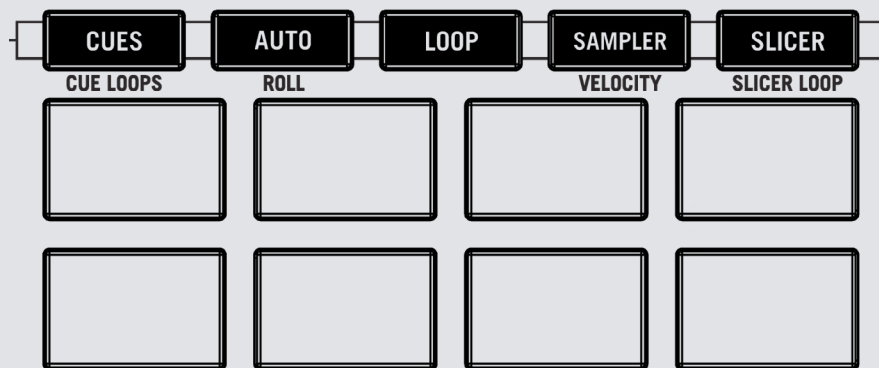


#	Numark NS6 II Control	Function	Shift Function
23	PITCH BEND + / -	Bends the pitch of playing track up or down	Toggle Pitch range
24	SHIFT	Hold in combination with pressing other controls as a modifier	
25	CUE	Cues from temp cue point/Set Temp Cue point	Load previous track
26	SYNC	Turns SYNC On	Turns SYNC Off
27	HPF/LPF	Channel HP/LP Filter	
28	CHANNEL CUE	Cues selected channel for headphone monitoring	
29	CROSSFADER	Crossfades from left to right channels (A/B)	
30	CHANNEL FADER	Channel volume	
31	CROSSFADER ASSIGN	Assigns crossfader to channel A/off/B	
32	PLAY/PAUSE	Toggles Play/Pause on selected deck	Stutter Play
33	PERFORMANCE PADS	SEE PERFORMANCE PADS FOR MORE INFORMATION	
34	VINYL	Toggle platter jog mode	
35	JOG WHEEL LED DISPLAY	Shows Serato DJ virtual deck information	
36	PLATTER/JOG WHEEL	Control waveform within Serato DJ	Platter skip
37	TOUCH FX / TOUCH ALL MODE	SEE TOUCH & FILTER MODE FOR MORE INFORMATION	
38	LIBRARY USB FOCUS FOR DECK 1/3	Toggle PC1 or PC2	



#	Numark NS6 II Control	#	Numark NS6 II Control
1	POWER SWITCH	11	BOOTH OUTPUT
2	POWER INPUT	12	MASTER OUTPUT
3	GROUNDING POST	13	BALANCED MASTER OUTPUT
4	USB 1 & USB 2	14	MIC 1 CONTROLS (LOW EQ / HIGH EQ / LEVEL)
5	LINE/PHONO SWITCH	15	MIC 2 CONTROLS (LOW EQ / HIGH EQ / LEVEL)
6	RCA INPUT/CHANNEL 4	16	CROSSFADER CURVE ADJUST
7	RCA INPUT/CHANNEL 3	17	HEADPHONE CUE CONTROLS (MIX / SPLIT / GAIN)
8	LINE/PHONO SWITCH	18	1/4"/1/8" HEADPHONE OUTPUT
9	GROUNDING POST		
10	MIC 1 & 2 INPUT		

Performance Pads



The Numark NS6 II performance pads have twelve different modes you can select.

- Cue mode:** When pressing pads 1-8 you can add (or trigger when populated), up to 8 Cue Points. Holding SHIFT and pressing pads 1-8 will delete the Cue Points.

Cue Loop mode: Press Cue mode twice to enable Cue Loop mode. Triggering a Cue in this mode will also activate a loop. Loop size can be changed with the left and right Parameter Adjust buttons.

Saved Flip mode: Press SHIFT + Cue mode to enable Saved Flip mode. You can trigger saved Flips in this mode by pressing the corresponding pad (1-6) - or hold SHIFT while pressing them to turn off the triggered Flip.
- Autoloop mode:** When pressing pads 1-8, you can activate an Autoloop of varying sizes. Press the pad again to deactivate the Autoloop.

Roll mode: Press Autoloop mode twice to enable Roll mode. Holding pads 1-8 will activate a loop Roll of different sizes. Release the pad to disengage the loop Roll.

- Saved Loop + Manual Loop mode 1:** Press pads 1-4 to select the respective Saved Loop slots (1-4), while pads 5 + 6 initiate Loop in & out points for a Manual Loop, pad 7 engages and disengages the loop, and pad 8 re-triggers the loop. Holding SHIFT while pressing pads 1-4 will delete the Saved Loop from its respective loop slot.

 Parameter adjust buttons halve or double the loop size, while holding SHIFT while pressing Parameter adjust buttons, shifts the loop left or right.

Saved Loop + Manual Loop mode 2:

 Press pads 1-4 to select the respective Saved Loop slots (5-8), while pads 5 + 6 initiate Loop in & out points for a Manual Loop, pad 7 engages and disengages the loop, and pad 8 re-triggers the loop. Holding SHIFT while pressing pads 1-4 will delete the Saved Loop from its respective loop slot.

 Parameter adjust buttons halve or double the loop size, while holding SHIFT while pressing Parameter adjust buttons, shifts the loop left or right.
- Sampler mode:** Press pads 1-8 to trigger Samples loaded in your Sample Banks - holding SHIFT while pressing pads 1-8 will disengage the triggered Sample, or load the currently selected track / file to an empty Sample slot.

 Use Parameter adjust buttons to cycle through Sample Banks. Hold SHIFT while pressing the Parameter adjust buttons to cycle forward and backwards through the Sampler Output options.

Sampler Velocity mode: Press Sampler mode twice to enable Sampler Velocity mode, which works in the same way as Sampler mode, however pads use velocity sensitivity to determine volume of triggered Samples.

Pitch Play mode: Hold SHIFT while pressing Sampler mode to enable Pitch Play mode. Press pads 1-8 to play Cue points over variable pitch ranges. See the 'Pitch Play' section for more information.
- Slicer mode:** A specified range (or domain) is divided into eight equal sections, and these eight sliced sections are assigned to pads 1-8, as a shifting Slicer domain.

Slicer Loop mode: Press Slicer mode twice to enter Slicer Loop mode. This is a fixed Slicer Domain or "loop".

 Use the Parameter adjust buttons to set the quantization to one of four settings: 1/8, 1/4, 1/2 and 1. Hold SHIFT + the Parameter adjust buttons will set the domain to one of six settings: 2 beats, 4 beats, 8 beats, 16 beats, 32 beats or 64 beats.

Pitch Play

Holding **SHIFT** and pressing the **SAMPLER** pad mode on the NS6 II will enable **Pitch Play** mode. In this mode you can 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. To toggle between key ranges press the **PARAMETER-/+** buttons. The root key pad (0) is always lit white, which will play the cue point at its regular pitch. When 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

Down Range (Down 7 Semitones)

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

Middle Range (Up 3/Down 4 Semitones)

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

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 Hot 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 **CUES** performance pad mode). While holding **SHIFT**, press the corresponding performance pad for:

Hot Cue 1	Hot Cue 2	Hot Cue 3	Hot Cue 4
Hot Cue 5	Hot Cue 6	Hot Cue 7	Hot 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 user goes to another pad mode, then back to key mode. If a new track is loaded, key 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 **MY SERATO** window. Make sure "Enable Pitch 'n Time DJ" is checked in the Expansion Pack tab of the **SETUP** screen.

Serato Flip

Flip is an Expansion Pack for Serato DJ. Flip controls are only available once the Flip expansion pack has been purchased and activated. The expansion pack can be purchased in-app through the Serato DJ Online window, or online at <http://serato.com/accessories>. In **Cue** performance pad mode the Left and Right Parameter buttons are used to record and trigger Flips.

Control	Flip function	Shift
Left Parameter adjust button	Starts the recording of a new Flip	Turns Flip Loop on/off
Right Parameter adjust button	Starts the current Flip / re-trigger Flip	Turns current Flip On/Off

Press **SHIFT** + **Cue** mode to enter Saved Flip mode. Pressing pads 1-6 will trigger saved Flips, pressing **SHIFT** + pads 1-6 will turn saved Flips on/off.



DJ-FX

The DJ-FX in Serato DJ are powered by iZotope™.

Click the FX tab  to open the FX panel.

Select either 1, 2, 3, 4 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  or Multi FX mode button .

NS6 II Control	Single FX Mode	Multi FX Mode	Shift
ON (Button 1)	Effect On/Off	Slot 1 Effect On/Off	Slot 1 Select Effect
ON (Button 2)	Adjust FX Parameter 2	Slot 2 Effect On/Off	Slot 2 Select Effect
ON (Button 3)	Adjust FX Parameter 4	Slot 3 Effect On/Off	Slot 3 Select Effect
FX KNOB 1	Adjust FX Parameter 1	Adjust Slot 1 FX Parameter	
FX KNOB 2	Adjust FX Parameter 3	Adjust Slot 2 FX Parameter	
FX KNOB 3	Adjust FX Parameter 5	Adjust Slot 3 FX Parameter	
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	Toggle between Single/Multi FX Modes
BEATS (knob)	Adjust Beats Multiplier (Push to reset to default value)	Adjust Beats Multiplier (Push to reset to default value)	
FX Assign A/B	Assigns channel to FX Unit 1 or 2	Assigns channel to FX UNIT 1 or 2	

Beat Jump

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

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 hardware.



When the Beat Jump option is enabled, controllers with 8 performance pads that have an **AUTO LOOP** or **LOOP ROLL** mode 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).

Performance Pad Function	Pad 5	Pad 6	Pad 7	Pad 8
Beat Jump disabled	Auto Loop/ Loop Roll 5	Auto Loop/ Loop Roll 6	Auto Loop/ Loop Roll 7	Auto Loop/ Loop Roll 8
Beat Jump enabled	Beat Jump Left	Halve Beat Jump Size	Double Beat Jump Size	Beat Jump Right

MIDI

The MIDI feature in Serato DJ provides the ability to remap Serato DJ software functions to your primary Serato DJ 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 click here.](#)

To remap your supported Serato DJ device, open the **SETUP** screen and click the **MIDI** tab. If your Serato DJ 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.

MIDI

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.

[Download the Serato DJ software manual for further information.](#)

NOTE: Official Serato Accessories do not currently support user remapping. Hardware features that cannot be remapped at this stage are Jogwheels/ Platters, Input Switches, Shift buttons and Performance Pad Mode buttons. Re-mapping any pad(s) in Hot Cue mode will also re-map the same pad in Saved Flip mode and vice versa.

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DVS Expansion

The Numark NS6 II is Serato DVS Upgrade Ready. Use turntables or CD players to control Serato DJ using NoiseMap™ Control Tone records or CDs. You can enable CD and Vinyl control through the Setup screen after the DVS Expansion upgrade is purchased and has been activated inside the software.

Note: Due to the configuration of the controller, DVS control is only available through channels 3 and 4.

For more information and to purchase the DVS Expansion, see <http://serato.com/dj/dvs>

Using the Tool Tips

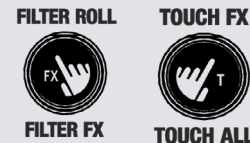
Click on the  icon to enable Tool Tips. This is located in between the MIDI and setup button in the top right hand corner of the screen. Tool Tips provide a handy way to learn the various features of Serato DJ. Move the mouse over a section of the screen to bring up a context sensitive tool tip. Holding 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

Touch & Filter mode

The Numark NS6 II offers a momentary touch mode for the FX/EQ and Filter/FX controls.



Touch Mode

- Off: FX and EQs work as normal
- Press Once: Capacitive FX depth knobs (1-3) become momentary FX on when touched.
- Press Twice: Previous functionality still works (momentary FX) but additionally, capacitive EQ knobs become momentary EQ kills when touched.

Filter Mode

- Off: Combo **FILTER** works as normal.
- Press Once: Capacitive combo **FILTER** knob becomes momentary combo filter + loop roll when touched and turned.
- Press Twice: Capacitive combo **FILTER** knob becomes momentary combo filter + FX parameter 1 of the assigned effect unit. This means any of the 4 channel filters can control either the parameter of FX 1, FX2 or both at the same time. The effect slot 1 ON doesn't activate automatically and still requires action.

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