Denon DJ Prime 4
Quick-Start Guide

serato DJ Pro

Setup
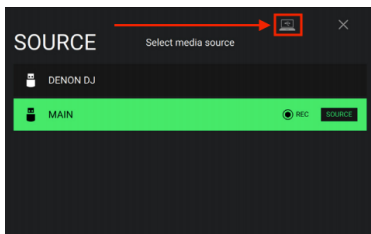
Installation and Setup

The Denon DJ Prime 4 is a "Serato DJ Pro hardware unlocked" device, meaning it works with Serato DJ Pro out of the box. The Denon DJ Prime 4 also does not require drivers for macOS or Windows operating systems and is class compliant and WDM compatible.

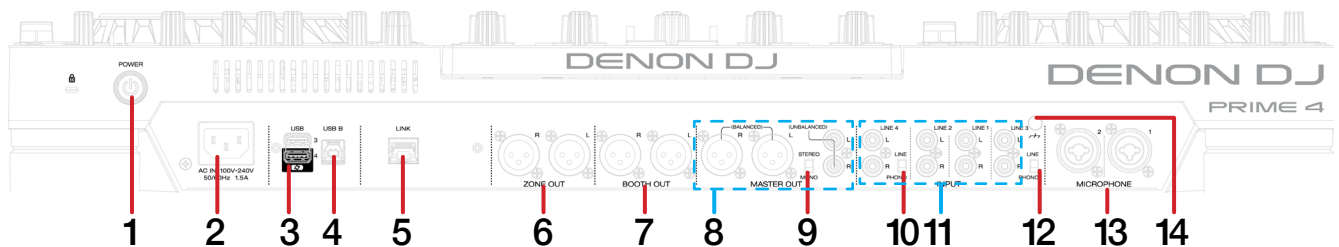Please ensure you have the latest version of Serato DJ Pro installed:
Click here to download Serato DJ Pro

Serato DJ Pro requires the latest firmware be installed, which you can find on Denon DJ's download page.

Once you have the latest Serato DJ Pro build installed, and the latest firmware installed on the Prime 4, connect it to your comptuer via the USB ports, and then tap the 'computer' icon that appears on the Prime 4 display:
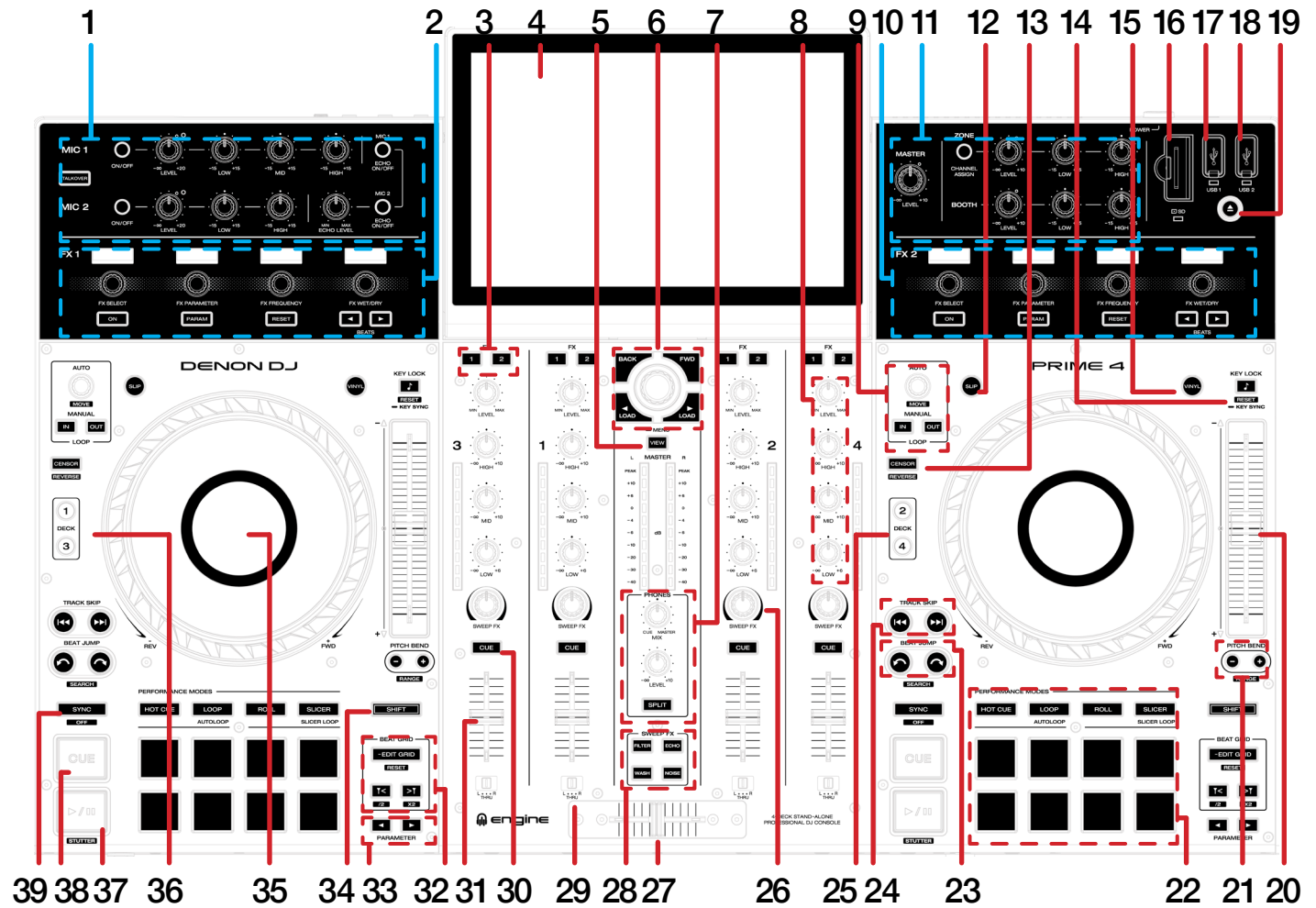

Overview

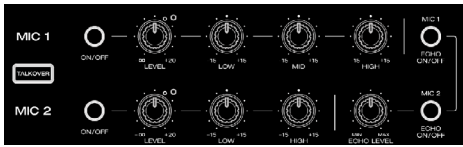| #	PRIME 4 CONTROL	FUNCTION
1	POWER BUTTON	Turn device on
2	AC IN	AC Power input
3	USB INSERT	Connect USB storage device
4	USB INPUT	Connect USB cable from PC to input
5	LINK	Connect to other Denon DJ devices
6	ZONE OUTPUT	XLR Zone Output
7	BOOTH OUTPUT	XLR Booth Output
8	MASTER OUTPUT	Balanced XLR & Unbalanced RCA Master Ouput
9	STEREO / MONO SWITCH	Toggle STEREO/MONO for MASTER OUTPUT
10	LINE 4 LINE/PHONO SWITCH	Toggle LINE/PHONO for Channel 4
11	LINE 1/2/3/4 INPUT	RCA Line input for channels 1/2/3/4
12	LINE 3 LINE/PHONO SWITCH	Toggle LINE/PHONO for Channel 3
13	MICROPHONE 1/2 INPUT	XLR & 1/4" TRS input
14	GROUNDING POST	Connect grounding wires for turntables

Overview

#	PRIME 4 CONTROL	FUNCTION	SHIFT FUNCTION
1	MIC SECTION	SEE MIC SECTION FOR MORE INFORMATION	
2	FX 1 SECTION	SEE FX SECTION FOR MORE INFORMATION	
3	CHANNEL FX SELECT	Select which FX bank you wish to use on channel	
4	DISPLAY	Touchscreen display	
5	VIEW	Cycle View mode	Cycle through library panels
6	LIBRARY SCROLL / LIBRARY CONTROLS	Rotate to scroll through library view in focus, press to select menu item. BACK/FWD to cycle back/forward through panel	
7	PHONES MIX / LEVEL / SPLIT ON/OFF	Adjust headphone level / mix	
8	CHANNEL TRIM / EQ	Channel Trim / EQ controls	
9	LOOP CONTROLS	SEE LOOP CONTROLS SECTION FOR MORE INFORMATION	
10	FX 2 SECTION	SEE FX SECTION FOR MORE INFORMATION	
11	MASTER / ZONE / BOOTH OUTPUT	Adjust Master / Zone / Booth output level / EQ	
12	SLIP	Toggle Slip mode on selected deck	
13	CENSOR	Censors playing track	Reverses playing track
14	KEY LOCK	Toggle Key lock / Key sync (longpress)	Reset Key
15	VINYL	Toggle Vinyl mode	
16	SD	Connect SD card storage device	
17	USB 1	Connect USB storage device	
18	USB 2	Connect USB storage device	
19	EJECT	Edject media device	

Overview

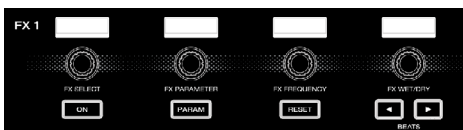| #	PRIME 4 CONTROL	FUNCTION	SHIFT FUNCTION
20	TEMPO SLIDER	Adjust playback speed	Ignore tempo slider
21	PITCH BEND	Pitch Bend Up/Down	Pitch Range Up/Down - toggle between +/- 8, +/-16 and +/-50
22	PERFORMANCE PADS	SEE PERFORMANCE PADS SECTION FOR MORE	
23	BEAT JUMP	Beat Jump forward / backward	Change beat jump range
24	TRACK SKIP	Skip forward / backward through tracks	Search through track
25	DECK 2 / 4	Switch the deck to be operated between deck 2 / 4	
26	SWEEP FX AMOUNT	Use to control Sweep FX on each channel	
27	CROSSFADER	Crossfade audio between channel A-B	
28	SWEEP FX SELECT	Select Filter/Echo/Wash/Noise FX	
29	CROSSFADER ASSIGN	Assign crossfader to channel A / THRU / B	
30	CHANNEL CUE	Press to cue channel for monitoring in headphones	
31	CHANNEL FADER	Adjust channel volume	Channel fader start
32	BEAT GRID CONTROLS	SEE BEAT GRID CONTROLS SECTION FOR MORE	
33	PARAMETER CONTROLS	Adjust parameters in pad modes	
34	SHIFT	Used with other controls that have SHIFT modifier function	
35	JOG WEEL	Adjuyst playing track / waveform	
36	DECK 1 /3	Switch the deck to be operated between deck 1 / 3	
37	PLAY / PAUSE	Plays or pauses song loaded to deck	Stutter play
38	CUE	Cues from temp cue point/Set temp cue point	
39	SYNC	Sync ON	Sync OFF

Mic Section

The Denon DJ Prime 4 has two microphone inputs on the back panel of the controller. Both XLR and 1/4" TRS cables can be connected to these inputs.
Each MIC input has an ON/OFF switch, Level & EQ controls and an ECHO effect ON/OFF switch. Engage the microphone talkover function using the TALKOVER button.

FX Section

The Denon DJ Prime 4 has two FX sections above the left and right decks on the controller.
Here you can adjust FX type, FX parameter(s), FX frequency and FX wet/dry amount or timing.

Loop Controls

The Denon DJ Prime 4 has a dedicated loop section for each deck.
Trigger an auto loop by pressing the scroll knob. Lengthen an auto loop by turning the scroll knob clockwise, shorten an auto loop by turning the scroll knob anti-clockwise.
Trigger a manual loop using the IN and OUT buttons. You can shift a loop by using the SHIFT modifier + the scroll knob.
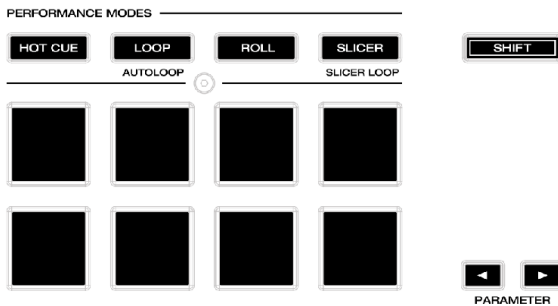
Beat Grid Controls

The Denon DJ Prime 4 has dedicated Beat Grid controls for each deck.
Enter beat grid editing mode for a track loaded to deck using the EDIT GRID button. Adjust the beat grid to the left or right using the designated buttons, using the SHIFT modifier for smaller adjustments. Hold the SHIFT modifier + EDIT GRID to reset the loaded track's beat grid. Once you are done, press the EDIT GRID button to save and exit Beat Grid editing mode.

Performance Pads

The Denon DJ Prime 4 has 8 performance pads on each deck which can be used in 10 different modes.

HOT CUE mode: In this mode, pads 1-8 add or trigger existing Serato DJ Pro Cue Points. Holding shift and pressing pads 1-8 will delete the Cue Points. If no Cue point is present on that slot/pad, pressing that pad will set a Cue point. Holding SHIFT while pressing a pad will clear the Cue point from that pad/slot.

CUE LOOP mode: Press the HOT CUE button 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 buttons. Press SHIFT while triggerring a Cue allows you to reloop.

SAVED FLIP mode: Hold SHIFT while pressing HOT CUE button mode to enable Saved Flip Mode. Press pads 1-8 to trigger a saved flip.

SAVED LOOP mode: In this mode, pads 1-8 select and trigger the respective Saved Loop slots or save a new Loop (if slot is empty). Holding SHIFT while pressing pads 1-8 will retrigger the Saved Loop. Press the left and right PARAMETER buttons to increase/decrease Saved Loop size.

AUTOLOOP mode: Press the LOOP button twice to enable Autoloop mode. In this mode pads 1-8 trigger an Autoloop of varying sizes. Press the pad for a second time to exit an Auto Loop. Use the left and right PARAMETER pads to halve or double loop size. Hold SHIFT + left/right PARAMETER buttons to shift the loop in either direction.

ROLL mode: Holding pads 1-8 will activate a Loop Roll of different sizes. Release the pad to disengage the Loop Roll. Press the LEFT and RIGHT pads to halve or double the loop roll size.

SAMPLER mode: Press the ROLL button twice to enable Sampler mode. Pads 1-8 to trigger samples loaded into the Serato DJ Pro Sampler. Hold SHIFT while pressing a pad to stop the sample playback once triggered, or load a sample to the respective Sampler slot if no sample is loaded. Use the left and right PARAMETER pads to move between sample banks, and SHIFT + left/right to cycle forward and backwards through the Sampler Output options.

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 them. The domain shifts as the track duration elapses. Use the SHIFT + left/right PARAMETER buttons to decrease or increase the domain size.

SLICER LOOP mode: Press the SLICER button twice to enter Slicer Loop mode. This is a fixed Slicer Domain or 'loop'. Pads 1-8 will trigger the slices. Use the SHIFT + left/right PARAMETER buttons to decrease or increase the domain size.

PITCH PLAY mode: Hold SHIFT while pressing Hot Cue 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.

Pitch Play

Holding SHIFT and pressing the SLICER performance pad mode button on the Denon DJ Prime 4 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 beteen key ranges press the Parameter left & right buttons.

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 CUES 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 MY SERATO window. Make sure "Enable Pitch 'n Time DJ" is checked in the Expansion Pack tab of the SETUP screen.

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 Pro hardware.

When the Beat Jump option is enabled, the LOOP ROLL perfomance pad 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).

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.

DVS

The Denon DJ Prime 4 is 'paid upgrade to Serato DVS hardware', meaning it requires activation of a Serato DVS license to allow you to use turntables or CD players to control Serato DJ Pro using NoiseMap™ Control Tone records or CDs. Serato DVS can be activated using an included voucher, or by purchasing it directly from store.serato.com. You can find out more and purchase DVS, by visiting our website here.

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 Search help Go box, with keywords, to search the Serato DJ Pro knowledge base for specific, related topics.