

## 3RD PARTY CONTROLLER QUICKSTART GUIDE

- PIONEER CDJ-400 • NUMARK DMC2 •
- DENON DN-HD2500 • DENON DN-HC4500 •
- NUMARK ICDX •

## PIONEER CDJ-400

To use a pair of CDJ400s with Scratch LIVE, you will need at least 3 available USB ports.

If you don't have 3 ports available you may be able to connect your CDJ400s to a powered USB hub. It is however, important to always connect your Scratch LIVE hardware directly to your computer.

First, make sure you are running Scratch LIVE 1.8.2 or later. (Earlier versions do not support the CDJ400)

Connect your Scratch LIVE hardware (SSL1, TTM57 or the MP4) as per normal into an available USB port on your computer.

Do the same with both of your CDJ400s, connecting each player to separate USB ports. Start Scratch LIVE and set each virtual deck to Internal Mode.

Turn on both CDJ400s, and switch them to USB mode by pressing the button in the top left corner marked USB. You will then be prompted to choose which Scratch LIVE deck you want your CDJ to control. Rotate the "push select" knob to toggle between left and right.

You will now be able to control Scratch LIVE with your CDJ400s.

CDJ400s can also be used to play regular Cds. To do this just connect the CDJs Audio outs (RCA) to your Scratch LIVE hardware as you would your regular CD players.

**Below is the information displayed on the LCD screen of the Pioneer CDJ-400 when used with Scratch LIVE.**

Artist name / Song name / Album name. Use the Text Mode / Utility Mode button to toggle\*

Track number\*

BPM - changes in value with pitch slider movement\*

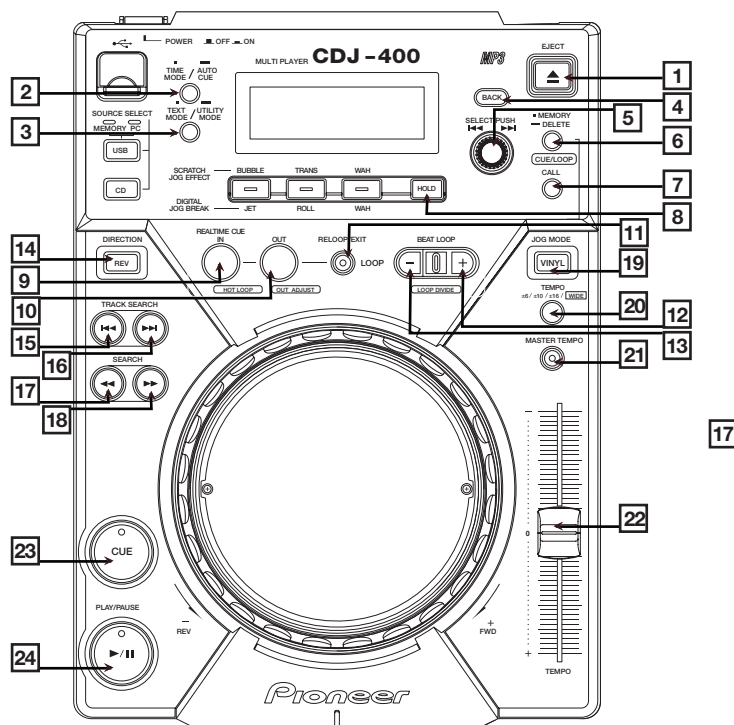
Tempo % - changes in value with pitch slider movement.

+/- Tempo range. +6 / +10 / +16. Use the Tempo button to toggle.

Time elapsed / Time remaining (Digits) Use the Time Mode / Auto Cue button to toggle.

Time elapsed / Time remaining (Visual readout) Use the Time Mode / Auto Cue button to toggle.

\*dependent on the information being present in the track ID3 tag.



	CDJ-400 CONTROLS	SCRATCH LIVE FUNCTIONALITY
1	Eject	Eject the current track.
2	Time Mode	Switches display between elapsed & remaining time.
3	Text Mode	Switches display between showing song title, artist name and album title. There is an icon for each.
4	Back	Moves focus back to the crate selector.
5	Scrolling Knob	Scrolls through library (crates/songs/browse). Clicking knob either tabs focus or loads song.
6	Cue/Loop Memory	Sets 1st cue point at current playhead position.
7	Cue/Loop Call	Jumps to 1st cue point.
8	Hold	When holding hold, pressing the scroll knob will perform instant doubles to the opposite deck. Pressing direction will toggle playback direction.
9	Loop In	Sets loop in point.
10	Loop Out	Sets loop out point.
11	ReLoop	Turns on and off current loop. Jumps to start of loop when turning it on.
12	Loop Divide -	When loop is off: prev loop. When loop is on: halves loop.
13	Loop Divide +	When loop is off: next loop. When loop is on: doubles loop.
14	Direction	Censor.
15	Track Search «	Loads previous track.
16	Track Search »	Loads next track.
17	Search «	Rewind.
18	Search »	Fast Forward.
19	Jog Mode	Switches between jog and scratch mode for platter interaction.
20	Tempo	Switches tempo range between +/- 6,10 and 16%.
21	Master Tempo	Toggles Keylock.
22	Tempo Slider	Adjusts pitch slider.
23	Cue	Works as cdj style cue button for setting and jumping to temporary cues.
24	Play/Pause	Toggles playback on/off.

## NUMARK DMC2

### INSTALLATION

#### MAC

1. Connect your DMC2 to an available USB port.
2. Your DMC2 will be detected automatically and will be ready to use.

#### WINDOWS

1. Connect your Numark DMC2 to an available USB port.
2. You will see the following prompt from Windows: Can Windows connect to Windows update to search for software?
3. Select: "No, not this time" followed by "Install automatically"
4. Windows will then notify you that it has found the device: "Found new Hardware Numark DMC2, followed by USB composite device" bubbles will appear.
5. You will be prompted to install 2 drivers. "USB composite device" and "USB audio device". Follow the prompts as per the usual driver installation method for windows.
6. Once installed, the DMC2 should show a flashing message in both screens that says "PC no Link".

### SETUP

Start Scratch LIVE and switch both decks to internal mode. The DMC 2 should automatically be in PC mode. A flashing message on both screens will say: "PC no Link". You will now be able to control Scratch LIVE with your DMC2!

### BASIC OPERATION

You can browse through your Crate/Track list (whichever has focus) using the left and right Knobs (4). If focus is on Crate list, pushing the knob will move focus to Track List. If focus is on Track list then pushing the knob will load the selected track to the respective deck.

### PLAYBACK

Use the PLAY and PAUSE buttons to play and stop your tracks.

### SETTING CUES

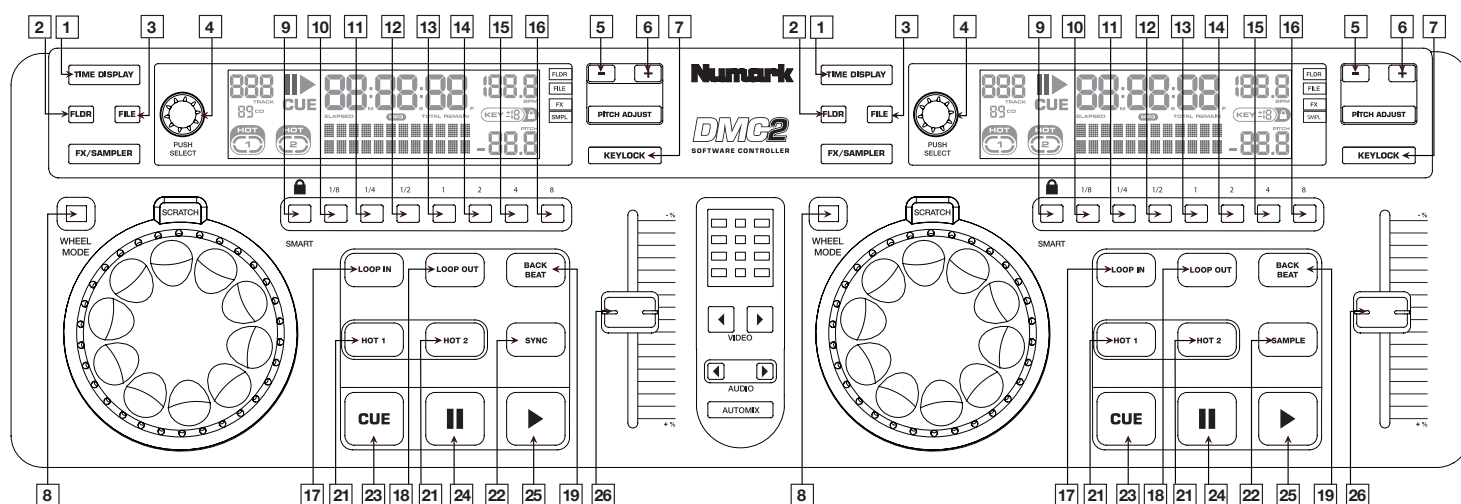
You can set a temp cue point at the current position of the playhead, while playback is paused. Holding the CUE button (24) will play from the temp cue point.

### USING HOT BUTTONS

Hot 1 and Hot 2 buttons control 2 different cue points. To set a cue point, press one of the Hot buttons with the SYNC button turned on. To return to the cue point, turn the SYNC button off, and press either of the Hot buttons.

### USING THE LOOPS

To set a loop during playback, simply press one of the autoloop buttons. This will create an autoloop of the duration specified on each button, ranging from 1/8 bar, to 8 bar. you can lock the loop by pressing the LOCK button (9) . You can also use the LOOP IN and LOOP OUT buttons to set your loop. The loop can be toggled on/off by pressing the BACKBEAT button (19).



	DMC2 CONTROLS	SCRATCH LIVE FUNCTIONALITY
1	Time Display Button	Toggles between elapsed and remaining time display Fldr Button.
2	Fldr Button	Focus moves to Crate list.
3	File Button	Focus moves to Track list.
4	Knob	Turn to scroll through Crate/Track list (whichever has focus). If focus is Crate list then pushing knob will move focus to Track list. If focus is Track list then pushing knob will load selected track to the respective deck.
5	- Pitch Button	Bend pitch down.
6	+ Pitch Button	Bend pitch up.
7	Keylock Button	Toggles keylock on/off.
8	Wheel Mode Button	Toggles between Pitch Bend and shuttle mode.
9	Lock Button	Toggles locked state of current loop.
10	1/8 Button	Toggles 1/8 bar autoloop on/off.
11	1/4 Button	Toggles 1/4 bar autoloop on/off.
12	1/2 Button	Toggles 1/2 bar autoloop on/off.
13	1 Button	Toggles 1 bar autoloop on/off.
14	2 Button	Toggles 2 bar autoloop on/off.
15	4 Button	Toggles 4 bar autoloop on/off.
16	8 Button	Toggles 8 bar autoloop on/off.
17	Loop In Button	Sets current loop in point.
18	Loop Out Button	Sets current loop out point.
19	Back Beat Button	Mapped to loop button in Scratch LIVE, toggles current loop on/off.
20	Hot 1 Button	If Sync is off, jumps to cue point 1. If Sync is on, sets cue point 1.
21	Hot 2 Button	If Sync is off, jumps to cue point 2. If Sync is on, sets cue point 2.
22	Sync Button	Controls whether Hot buttons jump to or set cue points as specified above.
23	Cue Button	Holding this button plays from temp cue point. If playback is paused this button will set the temp cue point at current position in the track.
24	Pause Button	Pauses playback.
25	Play Button	Starts playback.
26	Slider	Changes playback velocity between $\pm 16\%$ .

## DENON DN-HD2500

### INSTALLATION

#### MAC

1. Connect your DN-HD2500 to an available USB port.
2. Your DN-HD2500 will be detected automatically and will be ready to use.

#### WINDOWS

1. Connect your DENON DN-HD2500 to an available USB port.
2. You will see the following prompt from Windows: "Can Windows connect to Windows update to search for software?"
3. Select: "No, not this time" followed by "Install automatically"
4. Windows will then notify you that it has found the device: "Found new Hardware DN-HD2500, followed by USB composite device" bubbles will appear.
5. You will be prompted to install 2 drivers. "USB composite device" and "USB audio device". Follow the prompts as per the usual driver installation method for windows.

#### SETUP

1. Start Scratch LIVE and switch both decks to internal mode.
2. Turn on the DN-HD2500 and the set it to "Midi" mode. To set it to "Midi" mode, press the SOURCE button, and use the PARAMETERS knob to scroll through the options. \*make sure you set it to MIDI and not PC.
3. You will now be able to control Scratch LIVE with your DENON DN-HD2500.

### BASIC OPERATION

To select and load tracks, use the PARAMETERS knob to scroll through your library and crates.

By pressing the PARAMETERS knob can select a crate, sub-crate, and load your track all without touching your computer. The BACK button returns you to the previous location selected.

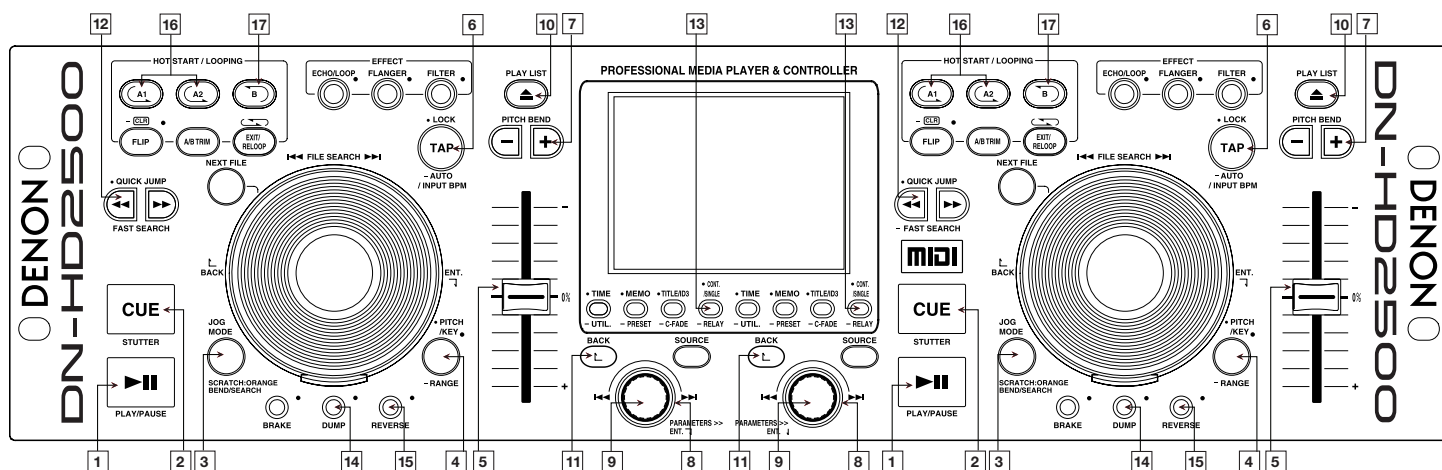
PLAY/ PAUSE plays and stops your track. Control the speed of the braking as normal in the setup menu of Scratch LIVE.

Pitch Bend, fast search, eject, and tap tempo are all mapped directly to Scratch LIVE.

The PITCH / KEY button turns the Key Lock feature on or off in Scratch LIVE.

The DUMP button controls the Censor feature in Scratch LIVE.

You can assign up to 2 Loops using the HOT START / LOOPING buttons on the DN-HD2500. Use the A1/A2 button to start your loop and the B button to set your end point. To exit a loop, press the EXIT/RELOOP key. To return to your loop, use the A1 and A2 keys for loops 1 and 2 respectively.



	DN-HD2500 CONTROLS	SCRATCH LIVE FUNCTIONALITY
1	Play/Pause	Play/Pause.
2	Cue	CD player style cue.
3	Jog mode	Toggles between scratch and bend modes.
4	Range / Key	Keylock.
5	Pitch Slider	Pitch Slider +/- 8%.
6	Tap	Tap Tempo have to tap at least 4 times, hold button down to cancel save.
7	Pitch bend +/-	Pitch bend +/-.
8	Parameter knob	Scroll crates / browse / track list.
9	Parameter press	Enter crate / browse column / load track.
10	Eject / Playlist	Eject.
11	Back	Up a level of your browsing.
12	Fast search << >>	RW / FF.
13	Cont/single	Toggles auto mode.
14	Dump	Censor.
15	Reverse	Reverse.
16	A1 - A2	Sets the Loop In point.
17	B	Sets the Loop Out point.

## DENON DN-HC4500

### INSTALLATION

#### MAC

1. Connect your DN-HC4500 to an available USB port.
2. The Denon DN-HC4500 will be detected automatically and will be ready to use.

#### WINDOWS

1. Connect your DENON DN-HC4500 to an available USB port.
2. You will see the following prompt from Windows: "Can Windows connect to Windows update to search for software?"
3. Select: "No, not this time" followed by "Install automatically"
4. Windows will then notify you that it has found the device: "Found new Hardware DN-HC4500, followed by USB composite device" bubbles will appear.
5. You will be prompted to install 2 drivers. "USB composite device" and "USB audio device". Follow the prompts as per the usual driver installation method for windows.

### SETUP

1. Start ScratchLIVE and switch both decks to internal mode.
2. Turn on the Denon DN-HC4500. It will automatically be in PC link mode.
3. You will now be able to control Scratch LIVE with your DENON DN-HC4500.

### BASIC OPERATION

To select and load tracks, use the PARAMETERS knob to scroll through your library and crates.

By pressing the PARAMETERS knob can select a crate, sub-crate, and load your track all without touching your computer. The BACK button returns you to the previous location selected.

### SETTING CUE POINTS

1. Press the "MEMO" button.
2. You can then set your cue points 1-5 using the "FUNCTION" keys along the top.
3. Once set, press the "MEMO" button again to return to the main menu.

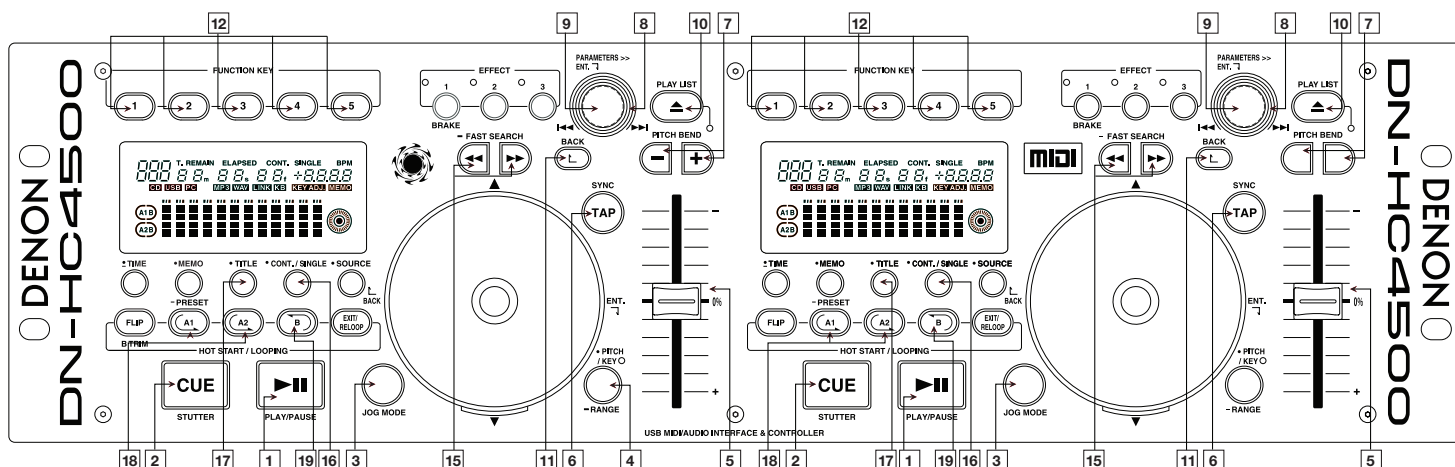
Your cues will now be mapped to the "FUNCTION" keys. To delete or change your cue points, simply repeat process 1 -3.

### USING LOOPS

There are 2 loop cues you can use on the DN-HC4500 - A1 and A2. To set the beginning ("In") point of the A1 loop, push the "A1" button.

To set the end ("Out") point of the loop push the "B" button. This button sets the end point for both loop cues, depending on which loop is currently playing. To clear all loop points simultaneously, hold down the "FLIP" button for 3 seconds.





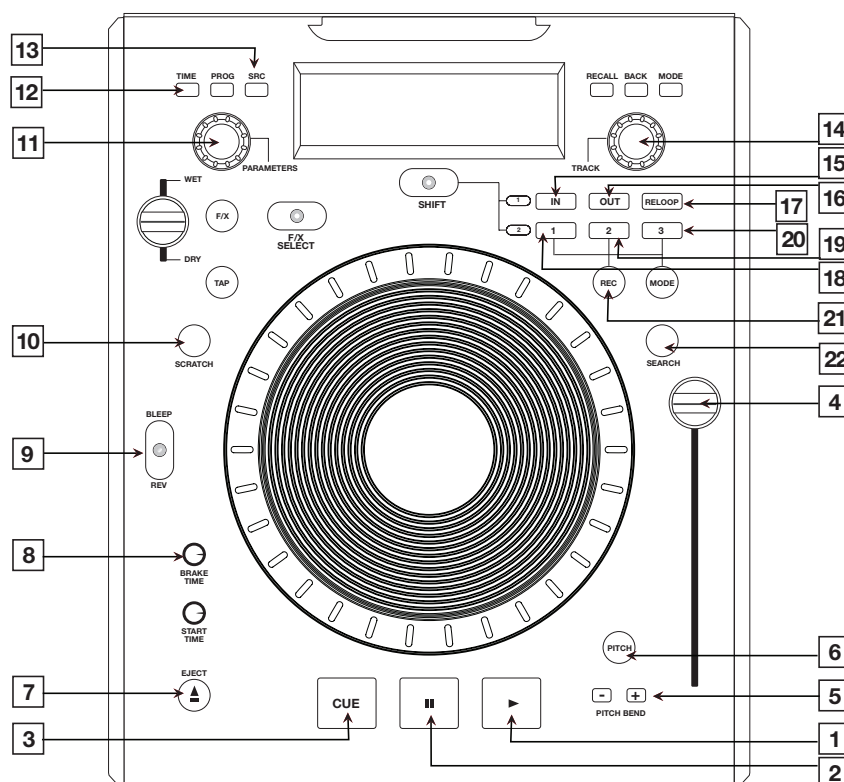
	DN-HC4500 CONTROLS	SCRATCH LIVE FUNCTIONALITY
1	Play/Pause	Play/Pause.
2	Cue	CD player style cue.
3	Jog mode	Toggles between scratch and bend modes.
4	Range / Key	Keylock.
5	Pitch Slider	Pitch Slider +/- 8%.
6	Tap	Tap Tempo have to tap at least 4 times, hold button down to cancel save.
7	Pitch bend +/-	Pitch bend +/-.
8	Parameter knob	Scroll crates / browse / track list.
9	Parameter press	Enter crate / browse column / load track.
10	Eject / Playlist	Eject.
11	Back	Up a level of your browsing.
12	Function Key 1-5	Cue 1-5.
13	Memo	Edit Cue Mode.
14	Time	Toggle time remaining/elapsed for display.
15	Fast search « »	RW / FF.
16	Cont/single	Toggles auto mode.
17	Title	Scrolls the song title if display can't fit name.
18	A1 - A2	Sets the Loop In point.
19	B	Sets the Loop Out point.

## NUMARK ICDX

## NUMARK ICDX

### INSTALLATION AND SETUP

1. Plug in the iCDX unit to your computer using a USB A-B cable.
2. Switch on your iCDX power, and press the SRC button.
3. Use the parameter knob to select USB-HID mode.
4. Select left deck or right deck.
5. Put Scratch LIVE into INT mode.
6. You will now be able to control Scratch LIVE with your iCDX!



	ICDX CONTROLS	SCRATCH LIVE FUNCTIONALITY
1	Play	Play.
2	Pause	Pause.
3	Cue	Sets and triggers temp cue point.
4	Pitch Slider	Adjusts playback pitch.
5	Pitch Bend	Pitch Bend.
6	Pitch	Keylock enable/disable.
7	Eject	Eject.
8	Brake Time	Set brake time (on ICDX, not inside Scratch LIVE).
9	Bleep/Rev	Censor/Play reverse.
10	Scratch	Enable platter control.
11	Parameter Knob	Select ICDX mode.
12	Time	Toggle time display mode.
13	SRC	Change ICDX control mode.
14	Track Knob	Select track/ press to load.
15	In	Set loop in point.
16	Out	Set loop out point.
17	Reloop/Stutter	Enable/Disable Loop.
18	1	Trigger/Set cue point 1.
19	2	Trigger/Set Cue point 2.
20	3	Trigger/Set Cue point 3.
21	Rec	Toggle set cue mode.
22	Search	Toggle browse mode.