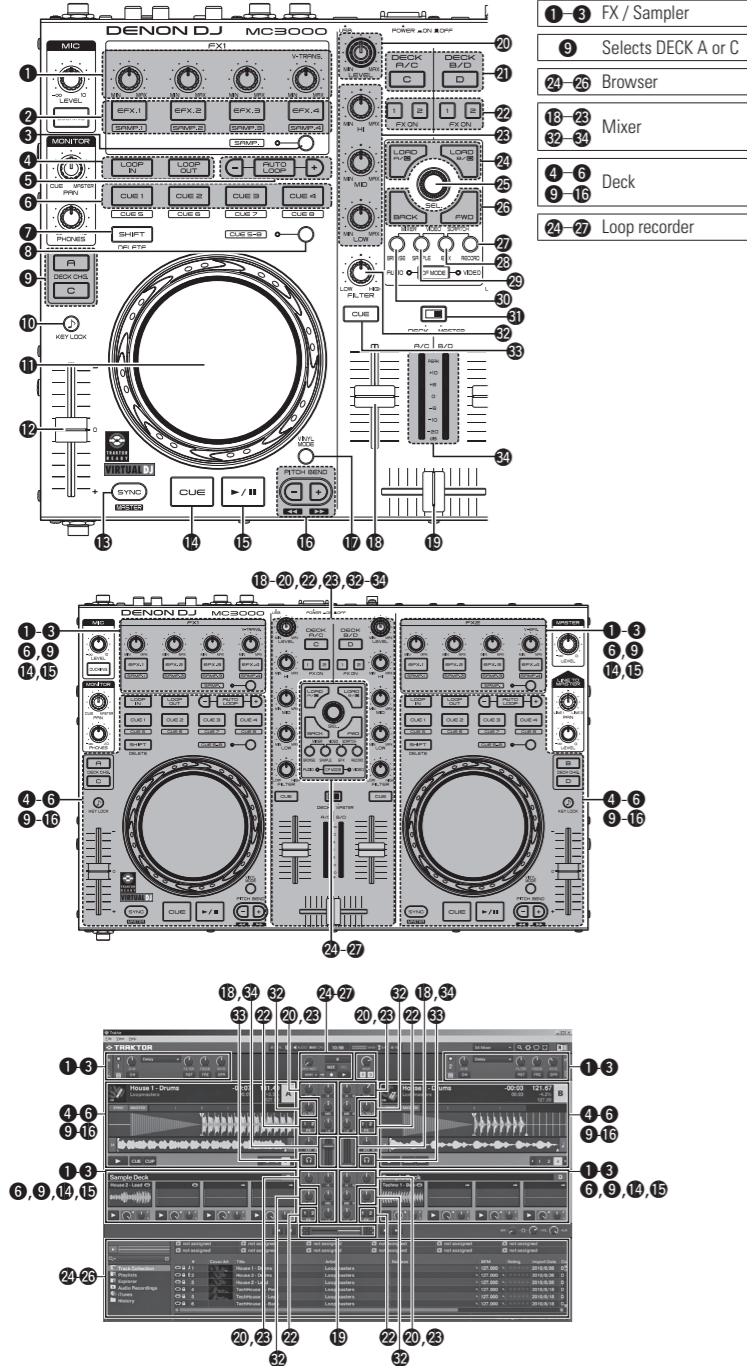


DENON

MC3000 Mapping Guide

for TRAKTOR LE 2 / PRO 2

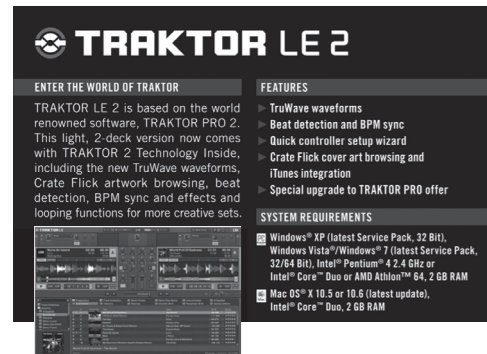


Function table

Available for TRAKTOR LE 2 / PRO 2 control with MC3000

MC3000 No. / Controls	FUNCTIONALITY								
	PUSH / ROTATE		SHIFT +	SAMP. +	SHIFT & SAMP. +	TRACK SEL +	SAMPLE +	RECORD +	SHIFT & RECORD +
1 EFX.1 KNOB	SAMP. MODE = off	Controls the relative mix of the direct-to-processed signal.	Single FX: Select effect type. Group FX: -	-	-	-	-	-	-
	SAMP. MODE = on*	Controls the level for sample slot.*	Controls the filter cutoff for sample slot.*	-	-	-	-	-	-
	SAMP. MODE = off	Single FX: Controls the effect parameter. Group FX: Controls the amount of the selected effect.	Single FX: - Group FX: Select effect type.	-	-	-	-	-	-
	SAMP. MODE = on*	Controls the level for sample slot.*	Controls the filter cutoff for sample slot.*	-	-	-	-	-	-
2 EFX.2 KNOB	SAMP. MODE = off	Single FX: Controls the effect parameter. Group FX: Controls the amount of the selected effect.	Single FX: - Group FX: Select effect type.	-	-	-	-	-	-
	SAMP. MODE = on*	Controls the level for sample slot.*	Controls the filter cutoff for sample slot.*	-	-	-	-	-	-
	SAMP. MODE = off	Single FX: Controls the effect parameter. Group FX: Controls the amount of the selected effect.	Single FX: - Group FX: Select effect type.	-	-	-	-	-	-
	SAMP. MODE = on*	Controls the level for sample slot.*	Controls the filter cutoff for sample slot.*	-	-	-	-	-	-
3 EFX.3 KNOB	SAMP. MODE = off	Single FX: Controls the effect parameter. Group FX: Controls the amount of the selected effect.	Single FX: - Group FX: Select effect type.	-	-	-	-	-	-
	SAMP. MODE = on*	Controls the level for sample slot.*	Controls the filter cutoff for sample slot.*	-	-	-	-	-	-
	SAMP. MODE = off	Single FX: Controls the effect parameter. Group FX: Controls the amount of the selected effect.	Single FX: - Group FX: Select effect type.	-	-	-	-	-	-
	SAMP. MODE = on*	Controls the level for sample slot.*	Controls the filter cutoff for sample slot.*	-	-	-	-	-	-
4 EFX.4 KNOB	SAMP. MODE = off	Single FX: Controls the effect parameter. Group FX: Controls the amount of the selected effect.	Single FX: - Group FX: Select effect type.	-	-	-	-	-	-
	SAMP. MODE = on*	Controls the level for sample slot.*	Controls the filter cutoff for sample slot.*	-	-	-	-	-	-
	SAMP. MODE = off	Single FX: Controls the effect parameter. Group FX: Controls the amount of the selected effect.	Single FX: - Group FX: Select effect type.	-	-	-	-	-	-
	SAMP. MODE = on*	Controls the level for sample slot.*	Controls the filter cutoff for sample slot.*	-	-	-	-	-	-
5 EFX.1 (SAMP.1)	SAMP. MODE = off	Single FX: Switches the effect parameter. Group FX: -	-	-	-	-	-	-	-
	SAMP. MODE = on*	Play or Stop sample.*	Switches filter cutoff of sample slot on and off.*	Stutter sample.*	Sets one-shot or looped sample for sample slot.*	Loads sample from list.*	Loads from deck.*	Copy sample from loop recorder.*	-
6 EFX.2 (SAMP.2)	SAMP. MODE = off	Single FX: Switches the effect parameter on and off. Group FX: Switches the selected effect on and off.	-	-	-	-	-	-	-
	SAMP. MODE = on*	Play or Stop sample.*	Switches filter cutoff of sample slot on and off.*	Stutter sample.*	Sets one-shot or looped sample for sample slot.*	Loads sample from list.*	Loads from deck.*	Copy sample from loop recorder.*	-
7 EFX.3 (SAMP.3)	SAMP. MODE = off	Single FX: Switches the effect parameter on and off. Group FX: Switches the selected effect on and off.	-	-	-	-	-	-	-
	SAMP. MODE = on*	Play or Stop sample.*	Switches filter cutoff of sample slot on and off.*	Stutter sample.*	Sets one-shot or looped sample for sample slot.*	Loads sample from list.*	Loads from deck.*	Copy sample from loop recorder.*	-
8 EFX.4 (SAMP.4)	SAMP. MODE = off	Single FX: Switches the effect parameter on and off. Group FX: Switches the selected effect on and off.	-	-	-	-	-	-	-
	SAMP. MODE = on*	Play or Stop sample.*	Switches filter cutoff of sample slot on and off.*	Stutter sample.*	Sets one-shot or looped sample for sample slot.*	Loads sample from list.*	Loads from deck.*	Copy sample from loop recorder.*	-
9 LOOP IN	Sets loop in point.	Delete LOOP.	-	-	-	-	-	-	-
10 LOOP OUT	Sets loop out point.	-	-	-	-	-	-	-	-
11 AUTO LOOP +/-	Switches auto loop feature on and off. Edit the loop size.	Open the advanced panel. Moves loop.	-	-	-	-	-	-	-
12 CUE 1 - 4 (CUE 5 - 8)*	CUE 5 - 8 = off	Track deck: Sets Cue 1 - 4 point and play.* Sample deck: Controls Mute / Unmute sample.*	Track deck: Deletes CUE point.* Sample deck: Clears a sample slot.*	-	-	-	-	-	-
	CUE 5 - 8 = on	Track deck: Sets Cue 5 - 8 point and play.* Sample deck: -	Track deck: Deletes CUE point.* Sample deck: Clears a sample slot.*	-	-	-	-	-	-
13 SHIFT	Deletes CUE or LOOP point / Shift function.	-	-	-	-	-	-	-	-
14 DECK CHG. A	Selects focus as DECK A.	-	-	-	-	-	-	-	-
15 DECK CHG. B	Selects focus as DECK B.	-	-	-	-	-	-	-	-
16 DECK CHG. C*	Selects focus as DECK C.	-	-	-	-	-	-	-	-
17 DECK CHG. D*	Selects focus as DECK D.	-	-	-	-	-	-	-	-
18 KEYLOCK	Switches key lock feature on and off.	TAP feature.	-	-	-	-	-	-	-
19 JOG WHEEL	Scratch, Search, or Bend feature.	Fast search for files in file list.	-	-	-	-	-	-	-
20 PITCH FADER	Adjusts the pitch.	-	-	-	-	-	-	-	-
21 SYNC	Automatic beat matching.	Set current Deck to the Master for SYNC feature.	-	-	-	-	-	-	-
22 CUE	Sets current cue point, or back to current cue point.	Returns to the head of the track.	-	-	-	-	-	-	-
23 PLAY/PAUSE	Track deck: Play or Pause. Sample deck: Group play for sample deck.*	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
24 PITCH BEND +/-	Controls the pitch bend.	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
25 VINYL MODE	Switches touch sensor on and off.	Jog wheel lock mode.	-	-	-	-	-	-	-
26 CHANNEL FADER	Controls the level of the selected channel.	-	-	-	-	-	-	-	-
27 CROSS FADER	Controls the relative output level from the summed A and B Mixes.	-	-	-	-	-	-	-	-
28 CHANNEL LEVEL	Adjusts the level of the selected channel.	-	-	-	-	-	-	-	-
29 CHANNEL SELECT A/C	Selects deck A or C as input source for channel strip.	-	-	-	-	-	-	-	-
30 CHANNEL SELECT B/D	Selects deck B or D as input source for channel strip.	-	-	-	-	-	-	-	-
31 FX 1/2	Switches the FX 1/2 on and off.	-	-	-	-	-	-	-	-
32 CHANNEL EQ HI	Adjusts the Hi-frequency response.	-	-	-	-	-	-	-	-
33 CHANNEL EQ MID	Adjusts the Mid-frequency response.	-	-	-	-	-	-	-	-
34 CHANNEL EQ LOW	Adjusts the Low-frequency response.	-	-	-	-	-	-	-	-
35 LOAD A/C	Loads the selected song on the deck A.	Duplicate	-	-	-	-	-	Sets size for loop recording.*	-
36 LOAD B/D	Loads the selected song on the deck B.	Duplicate	-	-	-	-	-	Undo/Redo for loop recording.*	Deletes for loop recording.*
37 TRACK SELECT KNOB (with SW)	ROTATE: Scroll through selected library in browser list. PUSH: -	ROTATE: Scroll through browser tree. PUSH: Open and close directory/folder in browser tree.	ROTATE: - PUSH: -	ROTATE: - PUSH: -	-	-	-	ROTATE: Controls the balance between the looped recording and main output.* PUSH: -	-
	-	-	-	-	-	-	-	-	-
38 BACK	Jump cursor to previous favorites slots.	Loads the selected song on the preview player.	-	-	-	-	-	Starts or stops recording for loop recorder.*	-
39 FWD	Jump cursor to next favorites slots.	The preview player Play or Pause.	-	-	-	-	-	Plays or stops for loop recorder.*	-
40 RECORD	Shift modifier for loop recorder.*	MIDI channel of MC3000 changes. DECK A = MIDI CHANNEL 13 DECK B = MIDI CHANNEL 14 DECK C = MIDI CHANNEL 15 DECK D = MIDI CHANNEL 16	-	-	-	-	-	-	-
41 EFX.	-	MIDI channel of MC3000 changes. DECK A = MIDI CHANNEL 9 DECK B = MIDI CHANNEL 11 DECK C = MIDI CHANNEL 10 DECK D = MIDI CHANNEL 12	-	-	-	-	-	-	-
42 SAMPLE	-	MIDI channel of MC3000 changes. DECK A = MIDI CHANNEL 5 DECK B = MIDI CHANNEL 7 DECK C = MIDI CHANNEL 6 DECK D = MIDI CHANNEL 8	-	-	-	-	-	-	-
43 BROWSE	Expands or Shrinks the browser window.	MIDI channel of MC3000 changes. DECK A = MIDI CHANNEL 1 DECK B = MIDI CHANNEL 3 DECK C = MIDI CHANNEL 2 DECK D = MIDI CHANNEL 4	-	-	-	-	-	-	-
44 FILTER KNOB	Controls the filter cutoff.	-	-	-	-	-	-	-	-
45 CUE CH 1 - 4	Selects the source of the channel with the CUE button to the headphone after monitor mix.	-	-	-	-	-	-	-	-

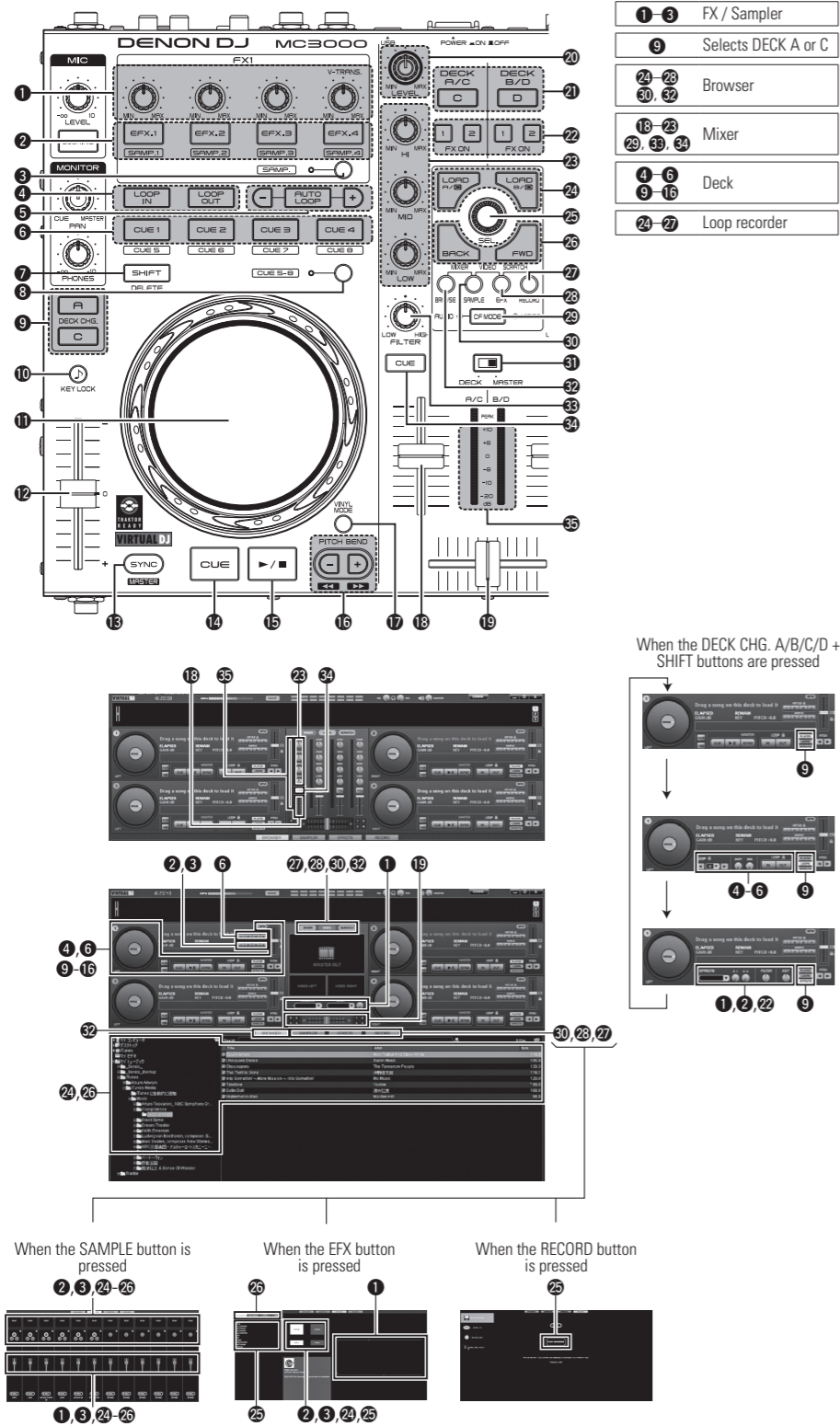
* Function available in TRAKTOR PRO 2.



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DENON

MC3000 Mapping Guide for Virtual DJ



- 1-3 FX / Sampler
- 9 Selects DECK A or C
- 24-26 Browser
- 18-23 Mixer
- 4-6 Deck
- 24-27 Loop recorder

Minimum system requirements:

Mac Platform	PC Platform
<ul style="list-style-type: none"> • Intel® processor • Mac OS X v10.5 • 1024x768 SVGA resolution • CoreAudio compatible soundcard • 1024 MB RAM • 30 MB free on the hard drive 	<ul style="list-style-type: none"> • Intel® Pentium® 4 or AMD Athlon™ XP • 1024x768 SVGA resolution • DirectX compatible soundcard • 512 MB RAM • 20 MB free on the hard drive

Features:

- Multi-deck support up to 99 independent zero-latency players
- One-click beat matching and synchronization (FAME algorithm)
- Time-Stretch and Master Tempo Pitch algorithms
- Automatic seamless and beat-aware LOOP functionality
- Synchronized sampler with 12 instant record and playback slots
- Real scratch simulation
- Automatic first beat and last beat detection
- Automatic BPM and KEY calculation

Function table

Available for Virtual DJ 7 control with MC3000

MC3000 No. / Controls	PUSH / ROTATE	FUNCTIONALITY	① SHIFT +	② SAMP. +	③ SHIFT & ④ SAMP. +
EFX.1 KNOB	SAMP. MODE = off SAMP. MODE = on	Selects effect type. Controls sample volume for slot 1.	-	-	-
EFX.2 KNOB	SAMP. MODE = off SAMP. MODE = on	Control parameter 1. Controls sample volume for slot 2.	-	-	-
EFX.3 KNOB	SAMP. MODE = off SAMP. MODE = on	Control parameter 2. Controls sample volume for slot 3.	-	-	-
EFX.4 KNOB	SAMP. MODE = off SAMP. MODE = on	Control parameter 3. Controls sample volume for slot 4.	-	-	-
EFX.1 *	SAMP. MODE = off SAMP. MODE = on	FX 1: Selects video transition. FX 2: Selects video effects Controls sample volume for slot 4. Switches the selected effect on and off.	FX 1: - FX 2: Adjusts the parameter for the selected video effect.	-	-
EFX.2 (SAMP.2)	SAMP. MODE = off SAMP. MODE = on	Play or stop sample for slot 1. Effect buttons 1 (Only supported in selected effect plug-ins).	Stutter sample for slot 1. Effect buttons 3 (Only supported in selected effect plug-ins).	Stutter sample for slot 1.	Sets one-shot or looped sample for sample slot.
EFX.3 (SAMP.3)	SAMP. MODE = off SAMP. MODE = on	Play or stop sample for slot 2. Effect buttons 2 (Only supported in selected effect plug-ins).	Stutter sample for slot 2. Effect buttons 4 (Only supported in selected effect plug-ins).	Stutter sample for slot 2.	Sets one-shot or looped sample for sample slot.
EFX.4 (SAMP.4)	SAMP. MODE = off SAMP. MODE = on	Play or stop sample for slot 3. FX 1: Activates selected video transition. FX 2: Activates selected video effect. Play or stop sample for slot 4.	Stutter sample for slot 3. FX 1: - FX 2: -	Stutter sample for slot 3.	Sets one-shot or looped sample for sample slot.
LOOP IN	SAMP. MODE = on	Sets Loop In point.	Stutter sample for slot 4.	Stutter sample for slot 4.	Sets one-shot or looped sample for sample slot.
LOOP OUT	SAMP. MODE = on	Sets Loop Out point.	Clear the loop.	-	-
AUTO LOOP	SAMP. MODE = on	Switches Auto Loop feature on and off.	Clear the loop.	-	-
+/-	SAMP. MODE = on	Edit the Loop Size.	Switches smart loop on/off.	Switches sample loop on/off.	-
CUE 1 - 4 (CUE 5 - 8)	SAMP. MODE = on	CUE 5 - 8 = off CUE 5 - 8 = on	Move loop left/right by 4 beats. Deletes CUE point.	Edit half or double sample length.	-
SHIFT	SAMP. MODE = on	Deletes CUE or LOOP point / Shift function.	Deletes CUE point.	-	-
DECK CHG. A	SAMP. MODE = on	Selects focus as DECK 1.	-	-	-
DECK CHG. B	SAMP. MODE = on	Selects focus as DECK 2.	-	-	-
DECK CHG. C	SAMP. MODE = on	Selects focus as DECK 3.	-	-	-
DECK CHG. D	SAMP. MODE = on	Selects focus as DECK 4.	-	-	-
KEYLOCK	SAMP. MODE = on	Switches key lock feature on and off.	-	-	-
JOG WHEEL	SAMP. MODE = on	Locates cue points, scratches the song playback or pitch bend operation.	BROWSER: Selects files. SAMPLER: Selects samples. EFFECTS: Selects effects. RECORD: -	-	-
PITCH FADER	SAMP. MODE = on	Adjusts the pitch.	-	-	-
SYNC	SAMP. MODE = on	Automatic beat matching.	-	-	-
CUE	SAMP. MODE = on	Set current cue point, or back to current cue point.	Sets current Deck to the Master for SYNC feature.	-	-
PLAY/PAUSE	SAMP. MODE = on	Play or Pause.	-	-	-
PITCH BEND +/-	SAMP. MODE = on	Applies pitch bend.	-	-	-
VINYL MODE	SAMP. MODE = on	Switches touch sensor on and off.	-	-	-
CHANNEL FADER	SAMP. MODE = on	Controls the level of the selected channel.	-	-	-
CROSS FADER	SAMP. MODE = on	Crossfade the output between the left and right decks.	-	-	-
CHANNEL LEVEL	SAMP. MODE = on	Adjusts the level of the selected channel.	-	-	-
CHANNEL SELECT A/C	SAMP. MODE = on	Selects deck A or C as input source for channel strip.	-	-	-
CHANNEL SELECT B/D	SAMP. MODE = on	Selects deck B or D as input source for channel strip.	-	-	-
FX 1/2	SAMP. MODE = on	FX 1: Flanger on and off. FX 2: Beat Grid on and off.	FX 1: Brake on and off. FX 2: Backspin on and off.	-	-
CHANNEL EQ HI	SAMP. MODE = on	Adjusts the Hi-frequency response.	-	-	-
CHANNEL EQ MID	SAMP. MODE = on	Adjusts the Mid-frequency response.	-	-	-
CHANNEL EQ LOW	SAMP. MODE = on	Adjusts the Low-frequency response.	-	-	-
LOAD A/C	SAMP. MODE = on	BROWSER: Loads the selected song on the deck A. SAMPLER: Selects the sampler deck. EFFECTS: Selects the effect deck. RECORD: -	BROWSER: Loads the selected song on the deck C. SAMPLER: - EFFECTS: - RECORD: -	-	-
LOAD B/D	SAMP. MODE = on	BROWSER: Loads the selected song on the deck B. SAMPLER: Selects the sampler deck. EFFECTS: Selects the effect deck. RECORD: -	BROWSER: Loads the selected song on the deck D. SAMPLER: - EFFECTS: - RECORD: -	-	-
TRACK SELECT KNOB (with SW)	SAMP. MODE = on	ROTATE: BROWSER: Scrolls file/folder list. SAMPLER: Selects sample. EFFECTS: Selects effect. RECORD: - PUSH: BROWSER: Songs: Adds song to playlist.* Folders: Enters folder. SAMPLER: Plays sample. EFFECTS: Turns selected effect on/off. RECORD: Starts/stops recording.	ROTATE: BROWSER: - SAMPLER: - EFFECTS: - RECORD: - PUSH: BROWSER: Songs: Adds songs to sidelist.* Folders: Expands/collapses folder.*	ROTATE: BROWSER: Selects sample. SAMPLER: Selects sample. EFFECTS: Selects sample. RECORD: Selects sample.	ROTATE: - PUSH: -
BACK	SAMP. MODE = on	BROWSER: Moves between folders, songs, playlist and sidelist.* SAMPLER: Selects sample. EFFECTS: Moves between Sound Effects, Video Effects and Video Transitions. RECORD: -	BROWSER: - SAMPLER: - EFFECTS: - RECORD: -	-	-
FWD	SAMP. MODE = on	BROWSER: Moves between folders, songs, playlist and sidelist.* SAMPLER: Selects sample. EFFECTS: Moves between Sound Effects, Video Effects and Video Transitions. RECORD: -	BROWSER: - SAMPLER: - EFFECTS: - RECORD: -	-	-
RECORD	SAMP. MODE = on	Jump to RECORD page. Shows scratch panel with EFX button.	MIDI channel of MC3000 changes. DECK A = MIDI CHANNEL 13 DECK B = MIDI CHANNEL 15 DECK C = MIDI CHANNEL 14 DECK D = MIDI CHANNEL 16	-	-
EFX.	SAMP. MODE = on	Jump to EFX. page. Shows video panel with SAMPLE button. Shows scratch panel with RECORD button.	MIDI channel of MC3000 changes. DECK A = MIDI CHANNEL 9 DECK B = MIDI CHANNEL 11 DECK C = MIDI CHANNEL 10 DECK D = MIDI CHANNEL 12	-	-
SAMPLE	SAMP. MODE = on	Jump to SAMPLE page. Shows mixer panel with BROWSE button. Shows video panel with EFX button.	MIDI channel of MC3000 changes. DECK A = MIDI CHANNEL 5 DECK B = MIDI CHANNEL 7 DECK C = MIDI CHANNEL 6 DECK D = MIDI CHANNEL 8	-	-
BROWSE	SAMP. MODE = on	Jump to BROWSER page. Shows mixer panel with SAMPLE button.	MIDI channel of MC3000 changes. DECK A = MIDI CHANNEL 1 DECK B = MIDI CHANNEL 3 DECK C = MIDI CHANNEL 2 DECK D = MIDI CHANNEL 4	-	-
FILTER KNOB	SAMP. MODE = on	Controls filter cutoff.	-	-	-
CUE CH 1 - 4	SAMP. MODE = on	Controls PFL.	-	-	-

* Function available in Virtual DJ Pro (or trial of Virtual DJ Pro, during the trial period).