Pioneer DJ

DDJ-400

Hardware Diagram for djay for iOS

1,DECK

*All the functions assigned on the right deck are the same as those on the left deck shown below.

Group	No.	Name		Function	+SHIFT
1,DECK	1	JOG DIAL	platter	Scratch	Search
			wheel side	Pitch bend	
	2	TEMPO		Tempo control	
	3	PLAY/PAUSE		Play/Pause	Jump to cue point
	4	CUE		Set/Call cue, Back cue	Jump to track start
	5	SHIFT		Shift	–
	6	LOOP IN/ 4 BEAT	loop off	Loop in	Select beats for Auto Beat Loop *1
			loop on	Loop cutter	
			long press	4 Beat Loop on	–
	7	LOOP OUT	loop off	Loop out	Select beats for Auto Beat Loop *1
			loop on	Loop double	
	8	RELOOP/ EXIT	loop off	Reloop	Active Loop on/off
			loop on	Loop exit	
	9	CUE/LOOP CALL		Select beats for Auto Beat Loop *1	Key up/down
			loop on	Loop cutter/double	
	10	BEAT SYNC		Beat Sync on/off	Tempo range

2,EFFECT

Group	No.	Name	Function	+SHIFT
2,EFFECT	1	BEAT ◄	–	–
	2	BEAT ►	–	Change BPM value *2
	3	BEAT FX SELECT	Select Manual FX	
	4	BEAT FX CH SELECT	Select Manual FX channel *3	
	5	BEAT FX LEVEL/DEPTH	Manual FX paramter	
	6	BEAT FX ON/OFF	Manual FX on/off *3	Slip Reverse

3,MIXER

Group	No.	Name	Function	+SHIFT
3,MIXER	1	TRIM	Trim	
	2	EQ (HI, MID, LOW)	EQ (HI, MID, LOW)	
	3	FILTER	Filter	
	4	CUE	Headphone monitor on/off *4	–
	5	CHANNEL FADER	Channel fader	
	6	CROSSFADER	Crossfader	
	7	MASTER LEVEL	Master out volume	
	8	MASTER CUE	Master out monitor on/off	–
	9	HEADPHONES MIXING	Monitor balance	
	10	HEADPHONES LEVEL	Monitor level	
	11	MIC LEVEL	MIC Level	

4,BROWSER

Group	No.	Name		Function	+SHIFT
4,BROWSER	1	BROWSE	rotate	Switch to the Music Library screen / Scroll the Music Library screen	Switch between My Library, Music, Spotify, and Videos / Return to previous item
			press	Switch to the Music Library screen / Go to next item	Go to next item
	2	LOAD		Switch to the Music Library screen / Go to next item / Load a track	Switch to the Music Library screen *5 / Return to the Main screen

5,PERFORMANCE PADS

Group	No.	Name		Function	+SHIFT
5,PERFORMANCE PADS	1	HOT CUE		Hot Cue mode	Keyboard mode
	2	BEAT LOOP		Beat Loop mode	Pad FX mode 1
	3	BEAT JUMP		Beat Jump mode	Pad FX mode 2
	4	SAMPLER		Sampler mode	Key Shift mode
	5	PAD 1-8	mode		
			HOT CUE	Set/Call Hot Cue	Delete Hot Cue
			KEYBOARD	Assign a musical scale to Hot Cues and play *6	Select Hot Cue for assigning a musical scale / Set Hot Cue
			BEAT LOOP	Auto Beat Loop on/off *7	Roll *8
			PAD FX 1	Roll *9	–
			BEAT JUMP	Move Playback position *10	–
			PAD FX 2	Pad FX on *11	–
			SAMPLER	Sampler slot playback *12	Sampler slot pause *12
			KEY SHIFT	Change the key of the playing track *13	Key up/down *14

*1 To turn on the Auto Beat Loop with the set number of beats, you need to activate the loop on the screen of djay.
*2 When the BEAT FX CH SELECT setting is CH1, the BPM value of the track loaded on the left deck is changed.
When the BEAT FX CH SELECT setting is CH2, the BPM value of the track loaded on the lright deck is changed.
When the BEAT FX CH SELECT setting is MASTER, the track where the BPM value is changed is as follows.
 When the Crossfader is set at the left edge, the BPM value of the track loaded on the left deck is changed.
 When the Crossfader is set at the right edge, the BPM value of the track loaded on the right deck is changed.
*3 When the BEAT FX CH SELECT setting is MASTER, the behavior of the app when the BEAT FX ON/OFF button is pressed is as follows.
 When the BEAT FX ON/OFF button is pressed while the Crossfader is set at the left edge, the Manual FX on the left deck is turned on.
 When the BEAT FX ON/OFF button is pressed while the Crossfader is set at the right edge, the Manual FX on the right deck is turned on.
*4 The headphone monitor channel is automatically switched depending on the Crossfader position.
*5 Only if you press the LOAD button on the right side while holding the SHIFT button, you can switch to the Music Library screen.

*6 The pitch assigned to each pad for KEYBOARD mode is as follows.

Semitone ±0	Semitone +1	Semitone +2	Semitone +3
Semitone -4	Semitone -3	Semitone -2	Semitone -1

*7 The number of beats assigned to each pad for the Auto Beat Loop during BEAT LOOP mode is as follows.

1/4 Beat	1/2 Beat	1 Beat	2 Beats
4 Beats	8 Beats	16 Beats	32 Beats

*8 The number of beats assigned to each pad for the Roll during BEAT LOOP mode is as follows.

1/4 Beat	1/2 Beat	1 Beat	2 Beats
4 Beats	8 Beats	16 Beats	32 Beats

*9 The number of beats assigned to each pad for PAD FX mode 1 is as follows.

1/16 Beat	1/8 Beat	1/4 Beat	1/2 Beat
1 Beat	2 Beats	4 Beats	8 Beats

*10 The number of beats assigned to each pad for BEAT JUMP mode is as follows.

1/2 Beat (Left)	1/2 Beat (Right)	1 Beat (Left)	1 Beat (Right)
2 Beats (Left)	2 Beats (Right)	4 Beats (Left)	4 Beats (Right)

*11 The effect type assigned to each pad for PAD FX mode 2 is as follows.

Low pass Filter + Echo	High pass Filter + Echo	Flanger	Bit Crusher
Vinyl Stop	Slip Reverse	Low pass Filter	High pass Filter

*12 The sampler slots assigned to each pad for SAMPLER mode is as follows.

Slot 1	Slot 2	Slot 3	Slot 4
Slot 5	Slot 6	Slot 7	Slot 8

*13 The pitch assigned to each pad for KEY SHIFT mode is as follows.

Semitone +4	Semitone +5	Semitone +6	Semitone +7
Semitone ±0	Semitone +1	Semitone +2	Semitone +3

*14 The Key up/down function assigned to each pad for KEY SHIFT mode is as follows.

		Key Down	Key Up