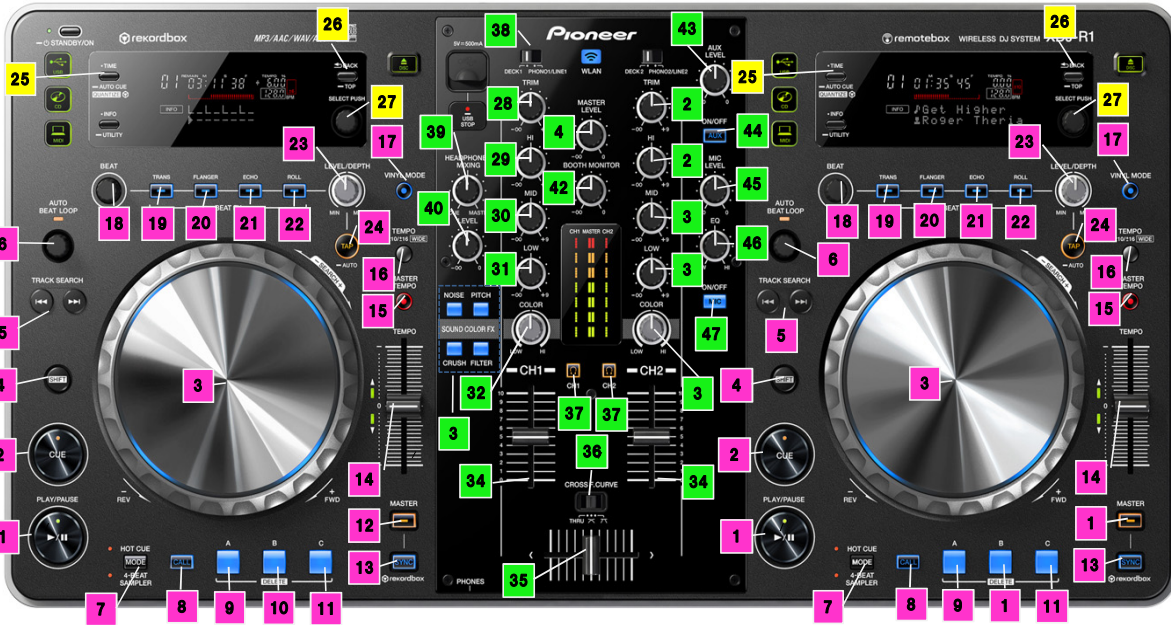# XDJ-R1
Hardware Diagram　~TRAKTOR PRO2~
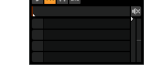

Group	No.	Name		Deck A, B (Track Deck) Function	(+ SHIFT)	Deck C, D (Remix Deck) Function	(+ SHIFT)
Deck	1	►/❙❙ (PLAY/PAUSE)		Play/Pause	-	Play from track beginning of all slots/Pause	-
	2	CUE		CUE	Jump to the track beginning	Trigger to play all slots	-
	3	JOG	Top plate	Scratch (VINYL mode On), Pitch Bend (VINYL mode Off)	Search	Scratch (VINYL mode On), Pitch Bend (VINYL mode Off)	
			Outer wheel	Pitch Bend		Pitch Bend	
	4	SHIFT		-	-	-	-
	5	TRACK SEARCH	❙◄◄	Set a Loop In point	Shift 1-beat Loop backward	Set a Loop In point	Shift 1-beat Loop backward
			►►❙	Set a Loop Out point	Shift 1-beat Loop forward	Set a Loop Out point	Shift 1-beat Loop forward
	6	AUTO BEAT LOOP	Turn	Select Auto Loop length/Loop Half & double	Beatgrid adjustment	Select Auto Loop length/Loop Half & double	Slot Filter adjustment
			Press	Auto Loop On/Off	Loop active	Auto Loop On/Off*1	Slot Filter On/Off
	7	MODE(HOT CUE/SAMPLER)		-	-	-	-
	8	CALL		Hot Cue/Sampler mode switch*2	-	Hot Cue/Sampler mode switch*2	-
	9 to 11	HOT CUE 1 to 3		Set/Play Hot Cue Point 1~3	Trigger to play Remix slot 1~3	Switch Play mode of Remix slot 1~3	
		SAMPLER 1 to 3 (SAMPLER mode)	Sample slot 1 to 3	When a track is not loaded: Sampling from a track in Track Deck*2 / Load a track from track list		When a track is not loaded: Sampling from a track in Track Deck*2 / Load a track from track list	
				When playback stops: Start playback from the track beginning / Delete		When playback stops: Start playback from the track beginning / Delete	
				During playback (One-shot): Stop / Stop		During playback (One-shot): Stop / Stop	
				During playback (Looped): Mute/Cancel mute / Stop		During playback (Looped): Mute/Cancel mute / Stop	
	12	MASTER		Select Master Deck	-	Select Master Deck	-
	13	SYNC		Beat Sync	-	Beat Sync	-
	14	TEMPO		Tempo Control	-	Tempo Control	-
	15	MASTER TEMPO		Key lock On/Off	-	Key lock On/Off	-
	16	TEMPO RANGE		Select Tempo Range (6%, 10%, 16%, 100%)	-	Select Tempo Range (6%, 10%, 16%, 100%)	-
	17	VINYL MODE		Vinyl mode On/Off	-	Vinyl mode On/Off	-
	18	BEAT	Group Mode	DRY/WET adjustment	Effect2 parameter adjustment	DRY/WET adjustment	Effect2 parameter adjustment
	19	BEAT FX (TRANS)					
	20	BEAT FX (FLANGER)		Effect 1 On/Off*3	Select Effect1	Effect 1 On/Off*3*4	Select Effect1
	21	BEAT FX (ECHO)		Effect 2 On/Off*3	Select Effect2	Effect 2 On/Off*3*4	Select Effect2
	22	BEAT FX (ROLL)		Effect 3 On/Off*3	Select Effect3	Effect 3 On/Off*3*4	Select Effect3
	23	LEVEL/DEPTH		Effect 1 parameter adjustment	Effect3 parameter adjustment	Effect1 parameter adjustment	Effect3 parameter adjustment
	18	BEAT	Single Mode	DRY/WET adjustment	Parameter 2 adjustment	DRY/WET adjustment	Parameter 3 adjustment
	19	BEAT FX (TRANS)		Effect On/Off*3	Select effect	Effect On/Off*3*4	Select effect
	20	BEAT FX (FLANGER)		Reset all the parameters (RST button)	-	Reset all the parameters (RST button)	-
	21	BEAT FX (ECHO)		Effect button 1 On/Off	-	Effect button 1 On/Off	-
	22	BEAT FX (ROLL)		Effect button 2 On/Off	-	Effect button 2 On/Off	-
	23	LEVEL/DEPTH		Parameter 1 adjustment	Parameter 3 adjustment	Parameter 1 adjustment	Parameter 3 adjustment
	24	TAP		Single/Group Switch	-	Single/Group Switch	-
Browse	25	TIME(AUTO CUE, QUANTIZE)		Switch deck	-	Switch deck	-
	26	BACK		Zoom in/out the browser	-	Zoom in/out the browser	-
	27	SELECT PUSH	Turn	Move the cursor in the track list	Move the cursor in the browser tree	Move the cursor in the track list	Move the cursor in the browser tree
			Press	Load a track	Open/Close a folder	Load a Remix Sets	Open/Close a folder
Mixer	28	TRIM		GAIN	GAIN	GAIN	GAIN
	29	HI		EQ (HI)	EQ (HI)	EQ (HI)	EQ (HI)
	30	MID		EQ (MID)	EQ (MID)	EQ (MID)	EQ (MID)
	31	LOW		EQ (LOW)	EQ (LOW)	EQ (LOW)	EQ (LOW)
	32	COLOR		When SOUND COLOR FX [FILTER] is ON: Filter	When SOUND COLOR FX [FILTER] is ON: Filter	When SOUND COLOR FX [FILTER] is ON: Filter	When SOUND COLOR FX [FILTER] is ON: Filter
	33	SOUND COLOR FX	NOISE	-	-	-	-
			CRUSH	-	-	-	-
			PITCH	-	-	-	-
			FILTER	Filter Enable/Disable	-	Filter Enable/Disable	-
	34	Channel Fader		Channel Fader	Channel Fader	Channel Fader	Channel Fader
	35	Crossfader		Crossfader	Crossfader	Crossfader	Crossfader
	36	Crossfader Curve Switch		Crossfader Curve Switch	Crossfader Curve Switch	Crossfader Curve Switch	Crossfader Curve Switch
	37	CUE		Headphone monitor On/Off	Headphone monitor On/Off	Headphone monitor On/Off	Headphone monitor On/Off
	38	DECK, PHONE/LINE switch		Input Switch*5	Input Switch*5	Input Switch*5	Input Switch*5
	39	HEADPHONES MIXING		Headphone monitor balance*6	Headphone monitor balance*6	Headphone monitor balance*6	Headphone monitor balance*6
	40	HEADPHONES LEVEL		Headphone volume adjustment*6	Headphone volume adjustment*6	Headphone volume adjustment*6	Headphone volume adjustment*6
	41	MASTER LEVEL		Master Volume adjustment	Master Volume adjustment	Master Volume adjustment	Master Volume adjustment
	42	BOOTH MONITOR		Booth monitor adjustment	Booth monitor adjustment	Booth monitor adjustment	Booth monitor adjustment
	43	AUX LEVEL		AUX Volume adjustment	AUX Volume adjustment	AUX Volume adjustment	AUX Volume adjustment
	44	AUX(ON/OFF)		AUX On/Off	AUX On/Off	AUX On/Off	AUX On/Off
	45	MIC LEVEL		MIC LEVEL	MIC LEVEL	MIC LEVEL	MIC LEVEL
	46	MIC EQ knob		MIC Equalizer	MIC Equalizer	MIC Equalizer	MIC Equalizer
	47	MIC (ON/OFF) button		MIC (ON/OFF)	MIC (ON/OFF)	MIC (ON/OFF)	MIC (ON/OFF)

*1 This feature is effective only if playback starts when the SAMPLER1~3 button is pressed, but it is not effective if playback starts when the PLAY/PAUSE button is pressed
*2 The combination of Remix Deck where a sample is stored and Track Deck where a sample is loaded should be set as follows: Deck C stores samples from Deck A and Deck D from Deck B

*3 When TRANS is activated in Single Mode, and either FLANGER, ECHO or ROLL is activated in Group Mode, the Effect Insert button on Traktor will be activated in the following combinations.
　　Deck A : Effect Insert 1
　　Deck B : Effect Insert 2
　　Deck C : Effect Insert 3
　　Deck D : Effect Insert 4
*4 When FX is used on Remix Deck, FX on the Slot Parameter should be enabled.

*5 If you want to use this unit as a controller for TRAKTOR, [DECK] should be selected.
*6 Double click on Cue Mix knob and Cue Vol knob on the GUI of TRAKTOR PRO 2 to set them as in the figure below.

[Note: When using remotebox]
(1) HOT CUE/SAMPLER cannot be switched by remotebox. Please switch them on XDJ-R1.
(2) The needle search pad for Track Deck on TRAKTOR PRO2 is always enabled whether needle lock is enabled or not in the settings screen.
(3) The needle search pad for Remix deck of TRAKTOR PRO2 is always disabled whether needle lock is enabled or not in the settings screen.
(4) Software takeover is always enabled whether it is enabled or not in the settings screen.
(5) The color of a beat size button for auto beat loop on remotebox is changed when it is tapped and when your finger is removed from the button, it will be changed to the original color regardless of the loop status

The portion highlighted in blue is the functions only for XDJ-R1. TRAKTOR cannot be controlled by these knobs and switches.