

## DMX Chart for PR-5000 Framing

Short mode	Standard mode	Extended mode	FUNCTION	DMX	DESCRIPTION
1	1	1	Strobe	000-010	Black
				011-025	Open
				026-225	Strobe speed from slow to fast
				226-246	Macro
				247-255	Open
2	2	2	Dimmer	000-003	Black
				004-255	Linear Dimming from dark to light (0-100%)
	3	3	16 bit Dimmer Fine	000-255	Dimmer in 16 Bit precision
3	4	4	CYM Macro	000-016	White
				017-035	Yellow+ Magenta=Red
				036-054	Yellow
				055-073	Yellow+ Cyan=Green
				074-092	Cyan
				093-110	Cyan+ Magenta=Blue
				111-128	Magenta
				129-255	CYM colour mixing from slow to fast
4	5	5	CYM-Cyan	000-255	Cyan (Linear 0-100%)
		6	CYM-Cyan Fine	000-255	Cyan in 16 Bit precision
5	6	7	CYM-Yellow	000-255	Yellow (Linear 0-100%)
		8	CYM-Yellow Fine	000-255	Yellow in 16 Bit precision
6	7	9	CYM-Magenta	000-255	Magenta (Linear 0-100%)
		10	CYM-Magenta Fine	000-255	Magenta in 16 Bit precision
7	8	11	CTO	000-255	Linear adjust from high to low
		12	CTO Fine	000-255	CTO in 16 Bit precision
8	9	13	Colour Wheel	000-008	White
				009-015	White/colour 1
				016-023	Colour 1
				024-030	Colour 1/colour 2
				031-038	Colour 2
				039-045	Colour 2/colour 3
				046-053	Colour 3
				054-060	Colour 3/colour 4
				061-068	Colour 4
				069-075	Colour 4/colour 5
				076-083	Colour 5
				084-090	Colour 5/colour 6
				091-098	Colour 6
099-105	Colour 6/ white				



				245-255	Gobo 6 shake speed from slow to fast
13	14	19	Gobo rotation 1	000-127	Index
				128	Stop rotating
				129-188	Rotation speed from slow to fast
				189-195	Stop rotating
				196-255	Reverse rotation speed from slow to fast
	15	20	Gobo rotation Fine	000-255	Gobo rotation in 16 bit precision
14	16	21	Framing Blade1 (Left)	000-255	Linear light spot from big to small(blade 1/left)
		22		000-255	Light spot 16 bit precision(blade 1/left)
15	17	23	Framing Blade1 (right)	000-255	Linear light spot from big to small(blade 1/right)
		24		000-255	Light spot 16 bit precision(blade 1/right)
16	18	25	Framing Blade2 (Left)	000-255	Linear light spot from big to small(blade 2/left)
		26		000-255	Light spot 16 bit precision(blade 2/left)
17	19	27	Framing Blade2 (right)	000-255	Linear light spot from big to small(blade 2/right)
		28		000-255	Light spot 16 bit precision(blade 2/right)
18	20	29	Framing Blade3 (Left)	000-255	Linear light spot from big to small(blade 3/left)
		30		000-255	Light spot 16 bit precision(blade 3/left)
19	21	31	Framing Blade3 (right)	000-255	Linear light spot from big to small(blade 3/right)
		32		000-255	Light spot 16 bit precision(blade 3/right)
20	22	33	Framing Blade4 (Left)	000-255	Linear light spot from big to small(blade 4/left)
		34		000-255	Light spot 16 bit precision(blade 4/left)
21	23	35	Framing Blade4 (right)	000-255	Linear light spot from big to small(blade 4/right)
		36		000-255	Light spot 16 bit precision(blade 4/right)
22	24	37	Framing module 0° ~90° rotation	000-255	Framing module 0° ~90° rotation
		38		000-255	Rotation 16 bit precision
23	25	39	Prism	000-016	White light
				017-255	3 x facet prism
24	26	40	Prism rotation	000-127	Prism index
				128	Stop rotating
				129-191	Rotation speed from slow to fast
				192	Stop rotating
				193-255	Reverse rotation speed from slow to fast
25	27	41	Frost Effect wheel	000-020	White light
				021-255	Frost effect
26	28	42	Focus	0`00-255	Linearly focusing
		43	Focus Fine	000-255	Focus in 16 precision
27	29	44	Zoom	000-255	Linearly zooming
		45	Zoom Fine	000-255	Zoom in 16 Bit precision
28	30	46	Pan	000-255	Pan rotation

	31	47	Pan Fine	000-255	Pan rotation in 16 bit precision
29	32	48	Tilt	000-255	Tilt rotation
	33	49	Tilt Fine	000-255	Tilt rotation in 16 bit precision
	34	50	Pan & Tilt speed	000-255	Pan&Tilt speed from fast to slow
30	35	51	Control	000-047	Reserved
				048-080	Reset
				081-112	Reserved
				113-144	Lamp off ( stop in DMX value for 10 s)
				145-168	Reserved
				169-200	Lamp power reduced to 50%
				201-223	Reserved
				224-255	Lamp on (See remark below)

**Remark:**

If you intend to turn on/off the lamp via the last channel of the controller, don't attempt to push the channel to value 224-255 immediately after turning it off, or push the slide bar to value 224-255 to wait it cooling. Under these 2 circumstances, the lamp can not be turned on. The right operation is: turn it off—cool down—push the slide bar to turn it on.