

Valid from firmware version: V1.6

CHANNEL				VALUE	FUNCTION
43ch	34ch	32ch	23ch		
1	1	1	1	000-255	PAN 0°→540°
2	2	2	2	000-255	PAN FINE
3	3	3	3	000-255	TILT 0°→270°
4	4	4	4	000-255	TILT FINE
5	5	5	5	000-255	PAN/TILT SPEED Fast to Slow
6	6	6	6	000-007 008-255	CRI Close Open
7	7	7	7	000-255	CYAN 0%→100%
8	8	8	8	000-255	MAGENTA 0%→100%
9	9	9	9	000-255	YELLOW 0%→100%
10	10	10	10	000-255	CTO 0%→100%
11	11	11	11	000-007 008-018 019-029 030-040 041-051 052-063 064-068 069-073 074-078 079-083 084-088 089-093 094-098 099-103 104-108 109-113 114-118	COLOR WHEEL 1 Open Color 1 Color 2 Color 3 Color 4 Color 5 Open Open + Color 1 Color 1 Color 1 + Color 2 Color 2 Color 2 + Color 3 Color 3 Color 3 + Color 4 Color 4 Color 4 + Color 5 Color 5

				119-123 124-127 128-189 190-193 194-255	Color 5 + Open Open Counter-Clockwise Rotation, Fast to Slow Stop Clockwise Rotation, Slow to Fast
12	12	12	12	000-007 008-021 022-035 036-048 049-063 064-069 070-075 076-081 082-087 088-093 094-099 100-105 106-111 112-117 118-123 124-127 128-189 190-193 194-255	COLOR WHEEL 2 Open CTB Color 1 Color 2 Reserved Open Open + CTB CTB CTB + Color 1 Color 1 Color 1 + Color 2 Color 2 Color 2 + CRI CRI CRI + Open Open Counter-Clockwise Rotation, Fast to Slow Stop Clockwise Rotation, Slow to Fast
13	13			000-007 008-016 017-025 026-034 035-043 044-052 053-063 064-073 074-083 084-093 094-103 104-113 114-127 128-189 190-193 194-255	GOBO WHEEL 1 Open Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 1 Shaking, Slow to Fast Gobo 2 Shaking, Slow to Fast Gobo 3 Shaking, Slow to Fast Gobo 4 Shaking, Slow to Fast Gobo 5 Shaking, Slow to Fast Gobo 6 Shaking, Slow to Fast Counter-Clockwise Rotation, Fast to Slow Stop Clockwise Rotation, Slow to Fast
14	14			000-127	R-GOBO WHEEL 1 Index 0°→360°

				128-189 190-193 194-255	Counter-Clockwise Rotation, Fast to Slow Stop Clockwise Rotation, Slow to Fast
15	15			000-255	R-GOBO WHEEL 1 FINE 0%→100%
16	16			000-007 008-016 017-025 026-034 035-043 044-052 053-063 064-073 074-083 084-093 094-103 104-113 114-127 128-189 190-193 194-255	GOBO WHEEL 2 Open Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 1 Shaking, Slow to Fast Gobo 2 Shaking, Slow to Fast Gobo 3 Shaking, Slow to Fast Gobo 4 Shaking, Slow to Fast Gobo 5 Shaking, Slow to Fast Gobo 6 Shaking, Slow to Fast Counter-Clockwise Rotation, Fast to Slow Stop Clockwise Rotation, Slow to Fast
17	17			000-127 128-189 190-193 194-255	R-GOBO WHEEL 2 Index 0°→360° Counter-Clockwise Rotation, Fast to Slow Stop Clockwise Rotation, Slow to Fast
18	18			000-255	R-GOBO WHEEL 2 FINE 0%→100%
19	19			000-007 008-129 130-133 134-255	ANIMATION Open Counter-Clockwise Rotation, Fast to Slow Stop Clockwise Rotation, Slow to Fast
20	20	13	13	000-255	IRIS 100%→0%
21	21			000-007 008-255	PRISM 1 (4-facet circular prism) Close Open
22	22			000-127 128-189 190-193	R-PRISM 1 Index 0°→360° Clockwise Rotation, Fast to Slow Stop

				194-255	Counter-Clockwise Rotation, Slow to Fast
23	23			000-007 008-255	PRISM 2 (4-facet linear prism) Close Open
24	24			000-127 128-189 190-193 194-255	R-PRISM 2 Index 0°→360° Clockwise Rotation, Fast to Slow Stop Counter-Clockwise Rotation, Slow to Fast
25	25	14	14	000-255	FROST 1 (Soft) 0%→100%
26	26	15	15	000-255	FROST 2 (Heavy) 0%→100%
27	27	16	16	000-255	ZOOM Wide→Narrow
28	28	17	17	000-255	ZOOM FINE
29	29	18	18	000-255	FOCUS 0%→100%
30	30	19	19	000-255	FOCUS FINE
31	31	20	20	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	STROBE Close Open Strobe from Slow to Fast Open Fast Open Slow Close from Slow to Fast Open Slow Open Fast Close from Slow to Fast Open Random Strobe from Slow to Fast Open
32	32	21	21	000-255	DIMMER 0%→100%
33	33	22	22	000-255	DIMMER FINE
34		23		000-255	BLADE 0°→180°
35		24		000-255	BLADE DW 1 0%→100%
36		25		000-255	BLADE DW 2 0%→100%
37		26			BLADE UP 1

				000-255	0%→100%
38		27		000-255	BLADE UP 2 0%→100%
39		28		000-255	BLADE LF 1 0%→100%
40		29		000-255	BLADE LF 2 0%→100%
41		30		000-255	BLADE RG 1 0%→100%
42		31		000-255	BLADE RG 2 0%→100%
43	34	32	23		FUNCTION (To activate following functions, stop in DMX value for at least 3 seconds.)
				000-009	Null
				010-019	Blade Mode: Mode 1 (Not available on 34ch & 23ch)
				020-029	Blade Mode: Mode 2 (Not available on 34ch & 23ch)
				030-039	Dimmer Curve Square Law
				040-049	Dimmer Curve Inv Square Law
				050-059	Dimmer Curve Linear
				060-069	Dimmer Curve S
				070-079	Fan Mode: Standard
				080-089	Fan Mode: Quiet
				090-099	Fan Mode: Theatre
				100-109	LED Frequency Setting Enable
				110-119	LED Frequency Setting Disable
				120-122	Null
				123	900Hz
				124	1000Hz
				125	1100Hz
				126	1200Hz
				127	1300Hz
				128	1400Hz
				129	1500Hz
				130	2500Hz
				131	4000Hz
				132	5000Hz
				133	6000Hz
				134	10KHz
				135	15KHz
				136	20KHz
				137	25KHz
				138-139	Null

				140-149	Reset Pan/Tilt
				150-159	Reset Effect
				160-199	Null
				200-209	Reset All
				210-219	Dimmer Speed Fast
				220-229	Dimmer Speed Smooth
				230-231	Gobo Short Cut: Enable (Not available on 32ch & 23ch)
				232-233	Gobo Short Cut: Disable (Not available on 32ch & 23ch)
				234-235	Color Short Cut: Enable
				236-237	Color Short Cut: Disable
				238-239	CTB Compensate: Enable
				240-241	CTB Compensate: Disable
				242-243	Sun Protection Mode: On
				244-245	Sun Protection Mode: Off
				246-255	Null