

Valid from firmware version: V1.4

43 CH(Mode 1) / 195 CH (Mode 2) / 153 CH (Mode 3)/ 27+168CH(Mode 4)/163CH(Mode5)

CHANNEL					VALUE	FUNCTION
43 CH	195 CH	153 CH	27+168 CH	163 CH		
1	1	1	1	1	000-255	PAN 0°→540°
2	2	2	2	2	000-255	PAN FINE
3	3	3	3	3	000-255	TILT 0°→450°
4	4	4	4	4	000-255	TILT FINE
5	5	5	5	5	000-127 128-189 190-193 194-255	PAN INFINITY Null Counter-Clockwise Rotation, Fast to Slow Stop Clockwise Rotation, Slow to Fast
6	6	6	6	6	000-127 128-189 190-193 194-255	TILT INFINITY Null Clockwise Rotation, Fast to Slow Stop Counter-Clockwise Rotation, Slow to Fast
7	7	7	7	7	000-255	PAN/TILT SPEED Fast to Slow
8	8	8	8	8	000-255	ZOOM Wide→Narrow
9	9	9	9	9	000-255	ZOOM FINE 0%→100%
10	10	10	10	10	000-255	FROST 0%→100%
11				11	000-007 008-022 023-037 038-052 053-067 068-082 083-097 098-112 113-127	EFFECT No Effect Effect 1 Square Effect 2 Square Effect 1 Shaking Square Effect 2 Shaking Square Effect 1 Cross Effect 2 Cross Effect 1 Shaking Cross Effect 2 Shaking Cross

CHANNEL					VALUE	FUNCTION
					128-147 148-167 168-187 188-221 222-255	No Effect Effect 1 Effect 2 Effect 1 Shaking Effect 2 Shaking
	11	11	11		000-147 148-167 168-187 188-221 222-255	EFFECT No Effect Effect1 Effect2 Effect 1 Shaking Effect 2 Shaking
12	12	12	12	12	000-255	Wash Dimmer 0%→100%
13	13	13	13	13	000-255	Wash Dimmer Fine 0%→100%
14	14	14	14	14	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	Wash Strobe Close Open Strobe Slow->Fast Open Fast Open Slow Close Open Fast Close Slow Open Open Random Strobe Slow >Fast Open
15	15	15	15	15	000-255	BEAM_DIMMER 0%→100%
16	16	16	16	16	000-255	Beam Dimmer Fine 0%→100%
17	17	17	17	17	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	Beam Strobe Close Open Strobe Slow->Fast Open Fast Open Slow Close Open Fast Close Slow Open Open Random Strobe Slow >Fast Open

CHANNEL					VALUE	FUNCTION
18	18	18	18	18	000-255	ZONE DIMMER 0%→100%
19	19	19	19	19	000-255	Zone Dimmer Fine 0%→100%
20	20	20	20	20	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	Zone Strobe Close Open Strobe Slow->Fast Open Fast Open Slow Close Open Fast Close Slow Open Open Random Strobe Slow >Fast Open
21	21	21	21	21	000-255	LINE DIMMER 0%→100%
22	22	22	22	22	000-255	Line Dimmer Fine 0%→100%
23	23	23	23	23	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	Line Strobe Close Open Strobe Slow->Fast Open Fast Open Slow Close Open Fast Close Slow Open Open Random Strobe Slow >Fast Open
29	89	89	24	57	000-255	Cross fade 0%→100%
30	90	90	25	58	001- 004 005- 009 010- 013 014- 018 019- 022 023- 027 028- 031 032- 036 037- 040	Wash CTO 8000K 7900K 7800K 7700K 7600K 7500K 7400K 7300K 7200K

CHANNEL					VALUE	FUNCTION
					041- 045	7100K
					046- 049	7000K
					050- 054	6900K
					055- 058	6800K
					059- 063	6700K
					064- 067	6600K
					068- 072	6500K
					073- 076	6400K
					077- 081	6300K
					082- 085	6200K
					086- 090	6100K
					091- 094	6000K
					095- 099	5900K
					100- 103	5800K
					104- 108	5700K
					109- 112	5600K
					113- 117	5500K
					118- 121	5400K
					122- 126	5300K
					127- 130	5200K
					131- 135	5100K
					136- 139	5000K
					140- 144	4900K
					145- 148	4800K
					149- 153	4700K
					154- 157	4600K
					158- 162	4500K
					163- 166	4400K
					167- 171	4300K
					172- 175	4200K
					176- 180	4100K
					181- 184	4000K
					185- 189	3900K
					190- 193	3800K
					194- 198	3700K
					199- 202	3600K
					203- 207	3500K
					208- 211	3400K
					212- 216	3300K
					217- 220	3200K
					221- 225	3100K
					226- 229	3000K
					230- 234	2900K

CHANNEL					VALUE	FUNCTION
					235- 238	2800K
					239- 243	2700K
					244- 247	2600K
					248- 255	2500K
31	91	91	26	59		Wash Color Macro
					000-007	Open
					008-009	Medium Yellow
					010-011	Fire
					012-013	Gold Amber
					014-015	Sunset Red
					016-017	Medium Pink
					018-019	Light Lavender
					020-021	Lavender
					022-023	Sky Blue
					024-025	Just Blue
					026-027	Lime Green
					028-029	Moss Green
					030-031	Dark Yellow Green
					032-033	Spring Yellow
					034-035	Yellow
					036-037	Light Amber
					038-039	Straw
					040-041	Deep Amber
					042-043	Orange
					044-045	Dark Pink
					046-047	Peacock Blue
					048-049	Medium Blue-Green
					050-051	Steel Blue
					052-053	Light Blue
					054-055	Deep Blue
					056-057	LEE Green
					058-059	Fern Green
					060-061	Dark Green
					062-063	Mauve
					064-065	Bright Pink
					066-067	Medium Blue
					068-069	Deep Golden Amber
					070-071	Pale Lavender
					072-073	Special Lavender
					074-075	Pale Green
					076-077	Primary Green
					078-079	Bright Blue
					080-081	Apricot

CHANNEL					VALUE	FUNCTION
					082-083	Pale Gold
					084-085	Pink
					086-087	Bastard Amber
					088-089	Flame Red
					090-091	Daylight Blue
					092-093	Deep Lavender
					094-095	Congo Blue
					096-097	Surprise Pink
					098-099	Alice Blue
					100-101	Full C.T. Blue
					102-103	Half C.T. Blue
					104-105	Lighter Blue
					106-107	Millennium Gold
					108-109	Amber
					110-255	NULL
						SPECIAL FUNCTION
						(To activate following functions, stop in DMX value for at least 3 seconds.)
					000-009	No Function
					010-019	No Function
					020-029	No Function
					030-039	Dimmer Curve Linear
					040-049	Dimmer Curve Square Law
					050-059	Dimmer Curve Inv Square Law
					060-069	Dimmer Curve S
					070-079	Fan Mode Auto
					080-089	Fan Mode Quiet
24	24	24	27	24	090-099	Fan Mode Super Quiet
					100-109	Frequency Setting Enable
					110-119	Frequency Setting Disable
					120-122	No Function
					123	900Hz
					124	1000Hz
					125	1100Hz
					126	1200Hz
					127	1300Hz
					128	1400Hz
					129	1500Hz
					130	2500Hz
					131	4000Hz

CHANNEL					VALUE	FUNCTION
					132	5000Hz
					133	6000Hz
					134	10000Hz
					135	15000Hz
					136	20000Hz
					137	25000Hz
					138-139	No Function
					140-149	Pan/tilt Reset
					150-159	Effect Reset
					160-161	Invert Pixel Order :Yes
					162-163	Invert Pixel Order :No
					164-165	CCT Calibration: On
					166-167	CCT Calibration: Off
					168-169	Defog:Off
					170-171	Defog:Upright
					172-173	Defog:Side Hang
					174-175	Defog:Inrreter Hang
					176-179	No Funtion
					180-181	Sun Protection Mode: On
					182-183	Sun Protection Mode: Off
					184-199	No Function
					200-209	Reset all
					210-219	Dimmer Speed Fast
					220-229	Dimmer Speed Smooth
					230-241	No Function
					242-243	Line Power Mode: Off
					244-245	Line Power Mode: On
					246-247	Dimming Start Mode: High
					248-249	Dimming Start Mode: Low
					250-251	Pan Disable
					252-253	Pan Enable
					254	Zoom Invert: No
					255	Zoom Invert: Yes
25					000-255	Wash Red 0%→100%
26					000-255	Wash Green 0%→100%
27					000-255	Wash Blue 0%→100%

CHANNEL					VALUE	FUNCTION
28					000-255	Wash Lime 0%→100%
	25	25	1	25	000-255	Wash Red 1 0%→100%
	26	26	2	26	000-255	Wash Red Fine 1 0%→100%
	27	27	3	27	000-255	Wash Green 1 0%→100%
	28	28	4	28	000-255	Wash Green Fine 1 0%→100%
	29	29	5	29	000-255	Wash Blue 1 0%→100%
	30	30	6	30	000-255	Wash Blue Fine 1 0%→100%
	31	31	7	31	000-255	Wash Lime 1 0%→100%
	32	32	8	32	000-255	Wash Lime Fine 1 0%→100%
	.....	.....	.....	.....	000-255	.....
				49	000-255	Wash Red 4 0%→100%
				50	000-255	Wash Red Fine 4 0%→100%
				51	000-255	Wash Green 4 0%→100%
				52	000-255	Wash Green Fine 4 0%→100%
				53	000-255	Wash Blue 4 0%→100%
				54	000-255	Wash Blue Fine 4 0%→100%
				55	000-255	Wash Lime 4 0%→100%
				56	000-255	Wash Lime Fine 4 0%→100%
	81	81	57		000-255	Wash Red 8 0%→100%
	82	82	58			Wash Red Fine 8

CHANNEL					VALUE	FUNCTION
					000-255	0%→100%
	83	83	59		000-255	Wash Green 8 0%→100%
	84	84	60		000-255	Wash Green Fine 8 0%→100%
	85	85	61		000-255	Wash Blue 8 0%→100%
	86	86	62		000-255	Wash Blue Fine 8 0%→100%
	87	87	63		000-255	Wash Lime 8 0%→100%
	88	88	64		000-255	Wash Lime Fine 8 0%→100%
32					000-255	Beam CW 0%→100%
33					000-007	Beam Macro NULL
					008-015	EFFECT 1
					016-023	EFFECT 2
					024-031	EFFECT 3
					032-039	EFFECT 4
					040-047	EFFECT 5
					048-055	EFFECT 6
					056-063	EFFECT 7
					064-071	EFFECT 8
					072-079	EFFECT 9
					080-087	EFFECT 10
					088-095	EFFECT 11
					096-103	EFFECT 12
					104-111	EFFECT 13
					112-119	EFFECT 14
					120-127	EFFECT 15
					128-135	EFFECT 16
					136-143	EFFECT 17
					144-151	EFFECT 18
					152-159	EFFECT 19
					160-167	EFFECT 20
					168-175	EFFECT 21
					176-183	EFFECT 22
					184-191	EFFECT 23
					192-199	EFFECT 24

CHANNEL					VALUE	FUNCTION
					200-207 208-215 216-223 224-231 232-239 240-247 248-255	EFFECT 25 EFFECT 26 EFFECT 27 EFFECT 28 EFFECT 29 EFFECT 30 EFFECT 31
34					000 001-127 128-255	Beam Macro Speed Stop Slow to fast without fade Slow to fast With fade
	92	92	65	60	000-255	Beam CW 1 0%→100%
	93	93	66	61	000-255	Beam CW 2 0%→100%
	94	94	67	62	000-255	Beam CW 3 0%→100%
	.....	.....	.....	.....	000-255	.....
	105	105	78	73	000-255	Beam CW 14 0%→100%
	106	106	79	74	000-255	Beam CW 15 0%→100%
	107	107	80	75	000-255	Beam CW 16 0%→100%
	108		81	76	000-255	Zone Red 1 0%→100%
	109		82	77	000-255	Zone Green 1 0%→100%
	110		83	78	000-255	Zone Blue 1 0%→100%
	.....		.....	.....	000-255	.....
	153		126	121	000-255	Zone Red 16 0%→100%
	154		127	122	000-255	Zone Green 16 0%→100%
	155		128	123	000-255	Zone Blue 16 0%→100%

CHANNEL					VALUE	FUNCTION
35		108			000-255	Zone Red 0%→100%
36		109			000-255	Zone Green 0%→100%
37		110			000-255	Zone Blue 0%→100%
38		111				Zone Color Macro
					000-007	Open
					008-009	Medium Yellow
					010-011	Fire
					012-013	Gold Amber
					014-015	Sunset Red
					016-017	Medium Pink
					018-019	Light Lavender
					020-021	Lavender
					022-023	Sky Blue
					024-025	Just Blue
					026-027	Lime Green
					028-029	Moss Green
					030-031	Dark Yellow Green
					032-033	Spring Yellow
					034-035	Yellow
					036-037	Light Amber
					038-039	Straw
					040-041	Deep Amber
					042-043	Orange
					044-045	Dark Pink
					046-047	Peacock Blue
					048-049	Medium Blue-Green
					050-051	Steel Blue
					052-053	Light Blue
					054-055	Deep Blue
					056-057	LEE Green
					058-059	Fern Green
					060-061	Dark Green
					062-063	Mauve
					064-065	Bright Pink
					066-067	Medium Blue
					068-069	Deep Golden Amber
					070-071	Pale Lavender
					072-073	Special Lavender
					074-075	Pale Green

CHANNEL					VALUE	FUNCTION
					076-077	Primary Green
					078-079	Bright Blue
					080-081	Apricot
					082-083	Pale Gold
					084-085	Pink
					086-087	Bastard Amber
					088-089	Flame Red
					090-091	Daylight Blue
					092-093	Deep Lavender
					094-095	Congo Blue
					096-097	Surprise Pink
					098-099	Alice Blue
					100-101	Full C.T. Blue
					102-103	Half C.T. Blue
					104-105	Lighter Blue
					106-107	Millennium Gold
					108-109	Amber
					110-255	NULL
39		112			Zone Macro	
					000-007	NULL
					008-015	EFFECT 1
					016-023	EFFECT 2
					024-031	EFFECT 3
					032-039	EFFECT 4
					040-047	EFFECT 5
					048-055	EFFECT 6
					056-063	EFFECT 7
					064-071	EFFECT 8
					072-079	EFFECT 9
					080-087	EFFECT 10
					088-095	EFFECT 11
					096-103	EFFECT 12
					104-111	EFFECT 13
					112-119	EFFECT 14
					120-127	EFFECT 15
					128-135	EFFECT 16
					136-143	EFFECT 17
					144-151	EFFECT 18
					152-159	EFFECT 19
					160-167	EFFECT 20
					168-175	EFFECT 21
					176-183	EFFECT 22
					184-191	EFFECT 23

CHANNEL					VALUE	FUNCTION
					192-199	EFFECT 24
					200-207	EFFECT 25
					208-215	EFFECT 26
					216-223	EFFECT 27
					224-231	EFFECT 28
					232-239	EFFECT 29
					240-247	EFFECT 30
					248-255	EFFECT 31
40		113			000	Zone Macro Speed
					001-127	Stop
					128-255	Slow to fast without fade
						Slow to fast With fade
41					000-255	Line CW
						0%→100%
42					000-007	Line Macro
					008-015	NULL
					016-023	EFFECT 1
					024-031	EFFECT 2
					032-039	EFFECT 3
					040-047	EFFECT 4
					048-055	EFFECT 5
					056-063	EFFECT 6
					064-071	EFFECT 7
					072-079	EFFECT 8
					080-087	EFFECT 9
					088-095	EFFECT 10
					096-103	EFFECT 11
					104-111	EFFECT 12
					112-119	EFFECT 13
					120-127	EFFECT 14
					128-135	EFFECT 15
					136-143	EFFECT 16
					144-151	EFFECT 17
					152-159	EFFECT 18
					160-167	EFFECT 19
					168-175	EFFECT 20
					176-183	EFFECT 21
					184-191	EFFECT 22
					192-199	EFFECT 23
					200-207	EFFECT 24
					208-215	EFFECT 25
					216-223	EFFECT 26
						EFFECT 27

CHANNEL					VALUE	FUNCTION
					224-231 232-239 240-247 248-255	EFFECT 28 EFFECT 29 EFFECT 30 EFFECT 31
43					000 001-127 128-255	Line Macro Speed Stop Slow to fast without fade Slow to fast With fade
	156	114	129	124	000-255	Line CW 1 0%→100%
	157	115	130	125	000-255	Line CW 2 0%→100%
	158	116	131	126	000-255	Line CW 3 0%→100%
	.....	.....	.....	.....	000-255	.....
	194	152	167	162	000-255	Line CW 39 0%→100%
	195	153	168	163	000-255	Line CW 40 0%→100%