

Channel	Value	Function
1	0 - 255	PAN MOVEMENT
2	0 - 255	PAN FINE
3	0 - 255	TILT MOVEMENT
4	0 - 255	TILT FINE
5		COLOR WHEEL
	0 - 2	WHITE
	3 - 4	WHITE & COLOR 1
	5 - 6	COLOR 1
	7 - 8	COLOR 1 & COLOR 2
	9 - 10	COLOR 2
	11 - 12	COLOR 2 & COLOR 3
	13 - 14	COLOR 3
	15 - 16	COLOR 3 & COLOR 4
	17 - 18	COLOR 4
	19 - 21	COLOR 4 & COLOR 5
	22 - 23	COLOR 5
	24 - 25	COLOR 5 & COLOR 6
	26 - 27	COLOR 6
	28 - 29	COLOR 6 & COLOR 7
	30 - 31	COLOR 7
	32 - 33	COLOR 7 & COLOR 8
	34 - 35	COLOR 8
	36 - 37	COLOR 8 & COLOR 9
	38 - 39	COLOR 9
	40 - 42	COLOR 9 & COLOR 10
	43 - 44	COLOR 10
	45 - 46	COLOR 10 & COLOR 11
	47 - 48	COLOR 11
	49 - 50	COLOR 11 & COLOR 12
	51 - 52	COLOR 12
	53 - 54	COLOR 12 & COLOR 13
	55 - 56	COLOR 13
	57 - 58	COLOR 13 & COLOR 14

Channel	Value	Function
5	59 - 60	COLOR WHEEL
	61 - 63	COLOR 14
	64 - 127	COLOR 14 & WHITE
	128 - 189	COLOR INDEXING
		CLOCKWISE ROTATION
	190 - 193	FAST - SLOW
	194 - 255	NO ROTATION
6		COUNTER-CLOCKWISE ROTATION
		SLOW - FAST
	0 - 3	GOBOS
	4 - 6	OPEN
	7 - 9	GOBO 1
	10 - 12	GOBO 2
	13 - 15	GOBO 3
	16 - 18	GOBO 4
	19 - 21	GOBO 5
	22 - 24	GOBO 6
	25 - 27	GOBO 7
	28 - 30	GOBO 8
	31 - 33	GOBO 9
	34 - 36	GOBO 10
	37 - 39	GOBO 11
	40 - 42	GOBO 12
	43 - 45	GOBO 13
	46 - 48	GOBO 14
	49 - 51	GOBO 15
	52 - 55	GOBO 16
	56 - 59	GOBO 17
	60 - 63	OPEN SHAKING
	64 - 68	GOBO 1 SHAKING
	69 - 71	GOBO 2 SHAKING
	72 - 75	GOBO 3 SHAKING
	76 - 79	GOBO 4 SHAKING
		GOBO 5 SHAKING

Channel	Value	Function
6		GOBOS
	80 - 83	GOBO 6 SHAKING
	84 - 87	GOBO 7 SHAKING
	88 - 91	GOBO 8 SHAKING
	92 - 95	GOBO 9 SHAKING
	96 - 99	GOBO 10 SHAKING
	100 - 103	GOBO 11 SHAKING
	104 - 107	GOBO 12 SHAKING
	108 - 111	GOBO 13 SHAKING
	112 - 115	GOBO 14 SHAKING
	116 - 119	GOBO 15 SHAKING
	120 - 123	GOBO 16 SHAKING
	124 - 127	GOBO 17 SHAKING
	128 - 189	GOBO WHEEL ROTATION FAST - SLOW
	190 - 193	STOP
	194 - 255	GOBO WHEEL ROTATION SLOW - FAST
7		PRISM
	0 - 7	OPEN
	8 - 127	PRISM
	128 - 132	PRISM ROTATION EFFECT 1
	133 - 137	PRISM ROTATION EFFECT 2
	138 - 141	PRISM ROTATION EFFECT 3
	142 - 146	PRISM ROTATION EFFECT 4
	147 - 150	PRISM ROTATION EFFECT 5
	151 - 155	PRISM ROTATION EFFECT 6
	156 - 159	PRISM ROTATION EFFECT 7
	160 - 164	PRISM ROTATION EFFECT 8
	165 - 168	PRISM ROTATION EFFECT 9
	169 - 173	PRISM ROTATION EFFECT 10
	174 - 177	PRISM ROTATION EFFECT 11
	178 - 182	PRISM ROTATION EFFECT 12
	183 - 187	PRISM ROTATION EFFECT 13

Channel	Value	Function
7	188 - 191	PRISM ROTATION EFFECT 14
	192 - 196	PRISM ROTATION EFFECT 15
	197 - 200	PRISM ROTATION EFFECT 16
	201 - 205	PRISM ROTATION EFFECT 17
	206 - 209	PRISM ROTATION EFFECT 18
	210 - 214	PRISM ROTATION EFFECT 19
	215 - 218	PRISM ROTATION EFFECT 20
	219 - 223	PRISM ROTATION EFFECT 21
	224 - 227	PRISM ROTATION EFFECT 22
	228 - 232	PRISM ROTATION EFFECT 23
	233 - 236	PRISM ROTATION EFFECT 24
	237 - 241	PRISM ROTATION EFFECT 25
	242 - 246	PRISM ROTATION EFFECT 26
	247 - 250	PRISM ROTATION EFFECT 27
	251 - 255	PRISM ROTATION EFFECT 28
8	0 - 127	PRISM ROTATION
	128 - 190	INDEX ROTATION
	191 - 192	CLOCKWISE ROTATION
	193 - 255	FAST - SLOW STOP COUNTER-CLOCKWISE ROTATION SLOW - FAST
9	0 - 255	FOCUS 0% - 100%
	0 - 255	FROST 0% - 100%
11	0 - 7	SHUTTER & STROBE
	8 - 15	SHUTTER CLOSED
	16 - 167	SHUTTER OPEN
	168 - 203	LINEAR STROBING SLOW - FAST
	204 - 239	FAST CLOSE - SLOW OPEN
	240 - 247	FAST OPEN - SLOW CLOSE
	248 - 255	RANDOM STROBE OPEN

Channel	Value	Function
12	0 - 255	MASTER DIMMER INTENSITY 0% - 100%
13	0 - 7	PAN/TILT MACROS OFF
	8 - 15	MACRO 1
	16 - 23	MACRO 2
	24 - 31	MACRO 3
	32 - 39	MACRO 4
	40 - 47	MACRO 5
	48 - 55	MACRO 6
	56 - 63	MACRO 7
	64 - 71	MACRO 8
	72 - 79	MACRO 9
	80 - 87	MACRO 10
	88 - 95	MACRO 11
	96 - 103	MACRO 12
	104 - 111	MACRO 13
	112 - 119	MACRO 14
	120 - 127	MACRO 15
	128 - 135	MACRO 16
	136 - 143	MACRO 17
	144 - 151	MACRO 18
	152 - 159	MACRO 19
	160 - 167	MACRO 20
	168 - 175	MACRO 21
	176 - 183	MACRO 22
	184 - 191	MACRO 23
	192 - 199	MACRO 24
	200 - 207	MACRO 25
	208 - 215	MACRO 26
	216 - 223	MACRO 27
	224 - 231	MACRO 28
	232 - 239	MACRO 29
	240 - 247	MACRO 30

Channel	Value	Function
13	248 - 255	PAN/TILT MACROS MACRO 31
14	0 - 255	PAN/TILT MACRO SPEED FAST - SLOW
15	0 - 255	PAN/TILT MOVEMENT SPEED FAST - SLOW
16	0 - 49	SPECIAL FUNCTIONS NO FUNCTION
	50 - 59	PAN/TILT FAST MODE
	60 - 69	PAN/TILT NORMAL MODE
	70 - 79	BLACKOUT WITH PAN/TILT MOVE ENABLED
	80 - 89	BLACKOUT WITH PAN/TILT MOVE DISABLED
	90 - 99	BLACKOUT WITH COLOR CHANGE ENABLED
	100 - 109	BLACKOUT WITH COLOR CHANGE DISABLED
	110 - 119	BLACKOUT WITH GOBO CHANGE ENABLED
	120 - 129	BLACKOUT WITH GOBO CHANGE DISABLED
	130 - 139	LAMP ON
	140 - 149	PAN/TILT RESET
	150 - 159	COLOR WHEEL RESET
	160 - 169	GOBO WHEEL RESET
	170 - 179	SHUTTER/PRISM & PRISM ROTA- TION/FROST/FOCUSE RESET
	180 - 199	NO FUNCTION
	200 - 209	RESET ALL
	210 - 219	BLACKOUT WITH PAN/TILT/COLOR/ GOBO CHANGE ENABLED
	220 - 229	BLACKOUT WITH PAN/TILT/COLOR/ GOBO CHANGE DISABLED

Channel	Value	Function
16		SPECIAL FUNCTIONS
	230 - 239	LAMP OFF
	240 - 255	NO FUNCTION

Channel	Value	Function
1	0 - 255	PAN MOVEMENT
2	0 - 255	PAN FINE
3	0 - 255	TILT MOVEMENT
4	0 - 255	TILT FINE
5		COLOR WHEEL
	0 - 2	WHITE
	3 - 4	WHITE & COLOR 1
	5 - 6	COLOR 1
	7 - 8	COLOR 1 & COLOR 2
	9 - 10	COLOR 2
	11 - 12	COLOR 2 & COLOR 3
	13 - 14	COLOR 3
	15 - 16	COLOR 3 & COLOR 4
	17 - 18	COLOR 4
	19 - 21	COLOR 4 & COLOR 5
	22 - 23	COLOR 5
	24 - 25	COLOR 5 & COLOR 6
	26 - 27	COLOR 6
	28 - 29	COLOR 6 & COLOR 7
	30 - 31	COLOR 7
	32 - 33	COLOR 7 & COLOR 8
	34 - 35	COLOR 8
	36 - 37	COLOR 8 & COLOR 9
	38 - 39	COLOR 9
	40 - 42	COLOR 9 & COLOR 10
	43 - 44	COLOR 10
	45 - 46	COLOR 10 & COLOR 11
	47 - 48	COLOR 11
	49 - 50	COLOR 11 & COLOR 12
	51 - 52	COLOR 12
	53 - 54	COLOR 12 & COLOR 13
	55 - 56	COLOR 13
	57 - 58	COLOR 13 & COLOR 14

Channel	Value	Function
5	59 - 60	COLOR WHEEL
	61 - 63	COLOR 14
	64 - 127	COLOR 14 & WHITE
	128 - 189	COLOR INDEXING
		CLOCKWISE ROTATION
	190 - 193	FAST - SLOW
	194 - 255	NO ROTATION
6		COUNTER-CLOCKWISE ROTATION
		SLOW - FAST
	0 - 3	GOBOS
	4 - 6	OPEN
	7 - 9	GOBO 1
	10 - 12	GOBO 2
	13 - 15	GOBO 3
	16 - 18	GOBO 4
	19 - 21	GOBO 5
	22 - 24	GOBO 6
	25 - 27	GOBO 7
	28 - 30	GOBO 8
	31 - 33	GOBO 9
	34 - 36	GOBO 10
	37 - 39	GOBO 11
	40 - 42	GOBO 12
	43 - 45	GOBO 13
	46 - 48	GOBO 14
	49 - 51	GOBO 15
	52 - 55	GOBO 16
	56 - 59	GOBO 17
	60 - 63	OPEN SHAKING
	64 - 68	GOBO 1 SHAKING
	69 - 71	GOBO 2 SHAKING
	72 - 75	GOBO 3 SHAKING
	76 - 79	GOBO 4 SHAKING
		GOBO 5 SHAKING

Channel	Value	Function
6		GOBOS
	80 - 83	GOBO 6 SHAKING
	84 - 87	GOBO 7 SHAKING
	88 - 91	GOBO 8 SHAKING
	92 - 95	GOBO 9 SHAKING
	96 - 99	GOBO 10 SHAKING
	100 - 103	GOBO 11 SHAKING
	104 - 107	GOBO 12 SHAKING
	108 - 111	GOBO 13 SHAKING
	112 - 115	GOBO 14 SHAKING
	116 - 119	GOBO 15 SHAKING
	120 - 123	GOBO 16 SHAKING
	124 - 127	GOBO 17 SHAKING
	128 - 189	GOBO WHEEL ROTATION FAST - SLOW
	190 - 193	STOP
	194 - 255	GOBO WHEEL ROTATION SLOW - FAST
7		PRISM
	0 - 7	OPEN
	8 - 127	PRISM
	128 - 132	PRISM ROTATION EFFECT 1
	133 - 137	PRISM ROTATION EFFECT 2
	138 - 141	PRISM ROTATION EFFECT 3
	142 - 146	PRISM ROTATION EFFECT 4
	147 - 150	PRISM ROTATION EFFECT 5
	151 - 155	PRISM ROTATION EFFECT 6
	156 - 159	PRISM ROTATION EFFECT 7
	160 - 164	PRISM ROTATION EFFECT 8
	165 - 168	PRISM ROTATION EFFECT 9
	169 - 173	PRISM ROTATION EFFECT 10
	174 - 177	PRISM ROTATION EFFECT 11
	178 - 182	PRISM ROTATION EFFECT 12
	183 - 187	PRISM ROTATION EFFECT 13

Channel	Value	Function
7	188 - 191	PRISM ROTATION EFFECT 14
	192 - 196	PRISM ROTATION EFFECT 15
	197 - 200	PRISM ROTATION EFFECT 16
	201 - 205	PRISM ROTATION EFFECT 17
	206 - 209	PRISM ROTATION EFFECT 18
	210 - 214	PRISM ROTATION EFFECT 19
	215 - 218	PRISM ROTATION EFFECT 20
	219 - 223	PRISM ROTATION EFFECT 21
	224 - 227	PRISM ROTATION EFFECT 22
	228 - 232	PRISM ROTATION EFFECT 23
	233 - 236	PRISM ROTATION EFFECT 24
	237 - 241	PRISM ROTATION EFFECT 25
	242 - 246	PRISM ROTATION EFFECT 26
	247 - 250	PRISM ROTATION EFFECT 27
	251 - 255	PRISM ROTATION EFFECT 28
8	0 - 127	PRISM ROTATION
	128 - 190	INDEX ROTATION
	191 - 192	CLOCKWISE ROTATION
	193 - 255	FAST - SLOW STOP COUNTER-CLOCKWISE ROTATION SLOW - FAST
9	0 - 255	FOCUS 0% - 100%
	0 - 255	FROST 0% - 100%
11	0 - 7	SHUTTER & STROBE SHUTTER CLOSED
	8 - 15	SHUTTER OPEN
	16 - 167	LINEAR STROBING SLOW - FAST
	168 - 203	FAST CLOSE - SLOW OPEN
	204 - 239	FAST OPEN - SLOW CLOSE
	240 - 247	RANDOM STROBE
	248 - 255	OPEN

Channel	Value	Function
12	0 - 255	MASTER DIMMER INTENSITY 0% - 100%
13	0 - 7	PAN/TILT MACROS OFF
	8 - 15	MACRO 1
	16 - 23	MACRO 2
	24 - 31	MACRO 3
	32 - 39	MACRO 4
	40 - 47	MACRO 5
	48 - 55	MACRO 6
	56 - 63	MACRO 7
	64 - 71	MACRO 8
	72 - 79	MACRO 9
	80 - 87	MACRO 10
	88 - 95	MACRO 11
	96 - 103	MACRO 12
	104 - 111	MACRO 13
	112 - 119	MACRO 14
	120 - 127	MACRO 15
	128 - 135	MACRO 16
	136 - 143	MACRO 17
	144 - 151	MACRO 18
	152 - 159	MACRO 19
	160 - 167	MACRO 20
	168 - 175	MACRO 21
	176 - 183	MACRO 22
	184 - 191	MACRO 23
	192 - 199	MACRO 24
	200 - 207	MACRO 25
	208 - 215	MACRO 26
	216 - 223	MACRO 27
	224 - 231	MACRO 28
	232 - 239	MACRO 29
	240 - 247	MACRO 30

Channel	Value	Function
13	248 - 255	PAN/TILT MACROS MACRO 31
14	0 - 255	PAN/TILT MACRO SPEED FAST - SLOW
15	0 - 254 255	COLOR TIME FAST - SLOW FAST
16	0 - 254 255	BEAM TIME FAST - SLOW FAST
17	0 - 254 255	GOBO TIME FAST - SLOW FAST
18	0 - 255	PAN/TILT MOVEMENT SPEED FAST - SLOW
19	0 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 - 99 100 - 109 110 - 119 120 - 129 130 - 139 140 - 149 150 - 159	SPECIAL FUNCTIONS NO FUNCTION PAN/TILT FAST MODE PAN/TILT NORMAL MODE BLACKOUT WITH PAN/TILT MOVE ENABLED BLACKOUT WITH PAN/TILT MOVE DISABLED BLACKOUT WITH COLOR CHANGE ENABLED BLACKOUT WITH COLOR CHANGE DISABLED BLACKOUT WITH GOBO CHANGE ENABLED BLACKOUT WITH GOBO CHANGE DISABLED LAMP ON PAN/TILT RESET COLOR WHEEL RESET

Channel	Value	Function
19		SPECIAL FUNCTIONS
	160 - 169	GOBO WHEEL RESET
	170 - 179	SHUTTER/PRISM & PRISM ROTATION/FROST/FOCUSE RESET
	180 - 199	NO FUNCTION
	200 - 209	RESET ALL
	210 - 219	BLACKOUT WITH PAN/TILT/COLOR/ GOBO CHANGE ENABLED
	220 - 229	BLACKOUT WITH PAN/TILT/COLOR/ GOBO CHANGE DISABLED
	230 - 239	LAMP OFF
	240 - 255	NO FUNCTION