

DMX Chart



DMX MODE

The Fixture has one single operating mode that take 31 DMX channels

IMPORTANT: To Unlock the display press the buttons sequence:
UP – DOWN – UP – DOWN – ENTER.

DMX PROTOCOL

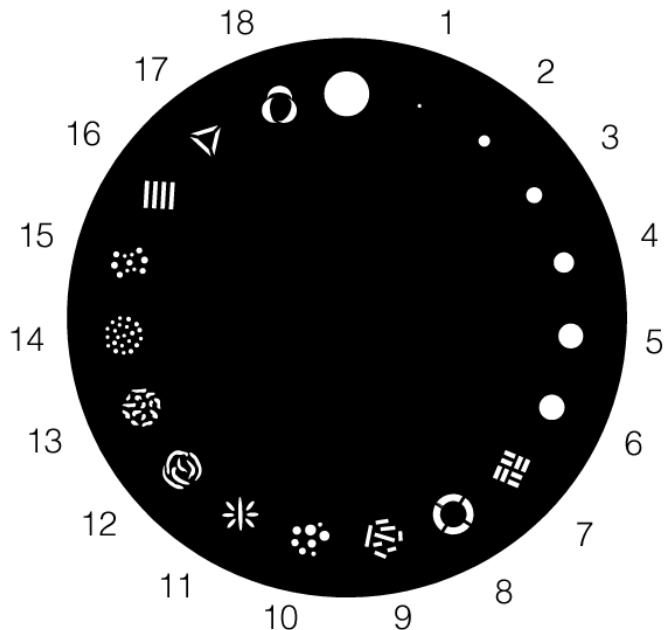
<i>DMX parameter n°</i>	<i>Function</i>
1	CYAN
2	MAGENTA
3	YELLOW
4	COLOUR WHEEL 1
5	COLOUR WHEEL 2
6	COLOUR WHEEL 3
7	STOPPER / STROBE
8	DIMMER
9	DIMMER FINE
10	STATIC GOBO WHEEL
11	ANIMATION WHEEL INSERTION
12	ANIMATION WHEEL ROTATION
13	ROTATING GOBO SELECT
14	GOBO ROTATION
15	GOBO ROTATION FINE
16	4 FACET PRISMS INSERTION
17	PRISMS ROTATION
18	8 FACET PRISMS INSERTION
19	PRISMS ROTATION
20	FROST
21	ZOOM
22	FOCUS
23	FOCUS FINE
24	BEAM MODE
25	PAN
26	PAN FINE
27	TILT
28	TILT FINE
29	FUNCTION
30	RESET
31	LAMP CONTROL

FUNCTIONS DETAILS






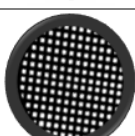
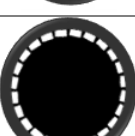
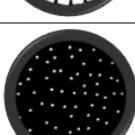
<i>Channel</i>	<i>DMX Value</i>	<i>Function</i>
1	000 - 255	CYAN Linear 0 – 100%
2	000 - 255	MAGENTA Linear 0 – 100%
3	000 - 255	YELLOW Linear 0 – 100%
4		COLOUR WHEEL 1
	000 - 023	Empty position
	024 - 046	Empty + UV filter
	047 - 069	UV filter
	070 - 092	UV filter + Lavender
	093 - 115	Lavender
	116 - 139	Lavender + CT0 3200K
	140 - 162	CT0 3200K
	163 - 185	CT0 3200K + CT0 2500K
	186 - 208	CT0 2500K
	209 - 231	CT0 2500K + Blue Wood
232 - 255	Blue Wood	
5		COLOUR WHEEL 2
	000 - 023	Empty position
	024 - 046	Empty + Dark Green
	047 - 069	Dark Green
	070 - 092	Dark Green + CTB
	093 - 115	CTB
	116 - 139	CTB + Dark Blue
	140 - 162	Dark Blue
	163 - 185	Dark Blue + H.M. Green
	186 - 208	H.M. Green
	209 - 231	H.M. Green + Dark Red
232 - 255	Dark Red	

Channel	DMX Value	Function
6		COLOUR WHEEL 3
	000 - 023	Empty position
	024 - 046	Empty + Light Green
	047 - 069	Light Green
	070 - 092	Light Green + Pink
	093 - 115	Pink
	116 - 139	Pink + Aquamarine
	140 - 162	Aquamarine
	163 - 185	Aquamarine + Dark Orange
	186 - 208	Dark Orange
	209 - 231	Dark Orange + Light Orange
232 - 255	Light Orange	
7		STROBE
	000 - 003	Closed
	004 - 103	Linear Strobe from slow (1 flash/sec) to fast (25 flashes/sec)
	104 - 107	Open
	108 - 207	Linear Pulse from slow to fast
	208 - 212	Open
	213 - 225	Random Strobe at low frequency
	226 - 238	Random Strobe at medium frequency
	239 - 251	Random Strobe at high frequency
252 - 255	Open	
8	000 - 255	DIMMER Linear Dimmer 0-100%
9	000 - 255	DIMMER FINE

Channel	DMX Value	Function
10		STATIC GOBO WHEEL
	000 - 003	Empty position
	004 - 007	Gobo 1
	008 - 011	Gobo 2
	012 - 014	Gobo 3
	015 - 018	Gobo 4
	019 - 022	Gobo 5
	023 - 026	Gobo 6
	027 - 029	Gobo 7
	030 - 033	Gobo 8
	034 - 037	Gobo 9
	038 - 041	Gobo 10
	042 - 044	Gobo 11
	045 - 048	Gobo 12
	049 - 052	Gobo 13
	053 - 056	Gobo 14
	057 - 059	Gobo 15
	060 - 063	Gobo 16
	064 - 067	Gobo 17
	068 - 071	Gobo 18
	072 - 113	Linear CW from slow to fast
	114 - 117	Stop
	118 - 159	Linear CCW from slow to fast
	160 - 165	Gobo 1 shakes from slow to fast
	166 - 170	Gobo 2 shakes from slow to fast
	171 - 175	Gobo 3 shakes from slow to fast
	176 - 181	Gobo 4 shakes from slow to fast ...
	182 - 186	Gobo 5 shakes from slow to fast ...
	187 - 191	Gobo 6 shakes from slow to fast ...
	192 - 196	Gobo 7 shakes from slow to fast ...
197 - 202	Gobo 8 shakes from slow to fast ...	
203 - 207	Gobo 9 shakes from slow to fast ...	
208 - 212	Gobo 10 shakes from slow to fast ...	
213 - 218	Gobo 11 shakes from slow to fast ...	
219 - 223	Gobo 12 shakes from slow to fast ...	
224 - 228	Gobo 13 shakes from slow to fast ...	
229 - 233	Gobo 14 shakes from slow to fast ...	
234 - 239	Gobo 15 shakes from slow to fast ...	
240 - 244	Gobo 16 shakes from slow to fast ...	
245 - 249	Gobo 17 shakes from slow to fast ...	
250 - 255	Gobo 18 shakes from slow to fast ...	



<i>Channel</i>	<i>DMX Value</i>	<i>Function</i>
11	000 - 255	ANIMATION WHEEL Linear Animation Disk Insertion
12		ANIMATION WHEEL ROTATION
	000 - 003	Stop rotation
	004 - 127	Linear CCW from slow to fast
	128 - 131	Minimum rotation
	132 - 255	Linear CW from slow to fast

Channel	DMX Value	Function
13		ROTATING GOBO SELECT
	000 - 007	Empty position
	008 - 015	Gobo 1 
	016 - 023	Gobo 2 
	024 - 031	Gobo 3 
	032 - 039	Gobo 4 
	040 - 047	Gobo 5 
	048 - 055	Gobo 6 
	056 - 063	Gobo 7 
	064 - 071	Gobo 8 
	072 - 113	Linear CCW wheel rotation from fast to slow
	114 - 117	Stop rotation
	118 - 159	Linear CW wheel rotation from slow to fast
	160 - 171	Gobo 1 shakes from slow to fast
	172 - 183	Gobo 2 shakes from slow to fast
	184 - 195	Gobo 3 shakes from slow to fast
	196 - 207	Gobo 4 shakes from slow to fast
	208 - 219	Gobo 5 shakes from slow to fast
220 - 231	Gobo 6 shakes from slow to fast	
232 - 243	Gobo 7 shakes from slow to fast	
244 - 255	Gobo 8 shakes from slow to fast	

Channel	DMX Value	Function
14		GOBO ROTATION
	000 - 021	Gobo indexing CW: 0° to 90° range
	022 - 042	Gobo indexing CW: 91° to 180° range
	043 - 063	Gobo indexing CW: 181° to 270° range
	064 - 084	Gobo indexing CW: 271° to 360° range
	085 - 105	Gobo indexing CW: 361° to 450° range
	106 - 127	Gobo indexing CW: 451° to 540° range
	128 - 190	Linear CW rotation from fast to slow
	191 - 192	Stop
	193 - 255	Linear CCW rotation from slow to fast
15	000 - 255	FINE GOBO ROTATION Indexing CW
16		4 FACET PRISM INSERTION
	000 - 127	4-facet out
	128 - 255	4-facet Linear in
17		4 FACET PRISM ROTATION
	000 - 021	Prism indexing CW: 0° to 90° range
	022 - 042	Prism indexing CW: 91° to 180° range
	043 - 063	Prism indexing CW: 181° to 270° range
	064 - 084	Prism indexing CW: 271° to 360° range
	085 - 105	Prism indexing CW: 361° to 450° range
	106 - 127	Prism indexing CW: 451° to 540° range
	128 - 190	Linear CW rotation from fast to slow
	191 - 192	Stop
	193 - 255	Linear CCW rotation from slow to fast
18		8 FACET PRISM INSERTION
	000 - 127	8-facet out
	128 - 255	8-facet Prism Linear in
19		8 FACET PRISM ROTATION
	000 - 021	Prism indexing CW: 0° to 90° range
	022 - 042	Prism indexing CW: 91° to 180° range
	043 - 063	Prism indexing CW: 181° to 270° range
	064 - 084	Prism indexing CW: 271° to 360° range
	085 - 105	Prism indexing CW: 361° to 450° range
	106 - 127	Prism indexing CW: 451° to 540° range
	128 - 190	Linear CW rotation from fast to slow
	191 - 192	Stop
	193 - 255	Linear CCW rotation from slow to fast
20	000 - 255	FROST
21	000 - 255	ZOOM
22	000 - 255	FOCUS
23	000 - 255	FOCUS FINE

Channel	DMX Value	Function
24		BEAM MODE
	000 - 127	Spot mode
	128 - 255	Beam mode
25	000 - 255	PAN CCW
26	000 - 255	PAN FINE CCW
27	000 - 255	TILT
28	000 - 255	TILT FINE
29		FUNCTION
	000 - 110	Not used
	111 - 120	Standard CMY speed
	121 - 130	Fast CMY speed
	131 - 140	Not used
	141 - 150	Fast Pan and Tilt speed
	151 - 160	Standard Pan and Tilt speed
	161 - 170	Display OFF
	171 - 180	Display ON
	181 - 190	Dimmer curve 1
	191 - 200	Dimmer curve 2
	201 - 255	Not used
The functions are activated/selected staying in the necessary range for 3 seconds		
30		RESET
	000 - 025	Free
	026 - 076	Effects Reset Effects Reset sequence is activated staying in this range for 5 seconds
	077 - 127	Pan / Tilt Reset Pan/Tilt Reset sequence staying in this range for 5 seconds
	128 - 255	Complete Reset All-effects Reset sequence staying in this range for 5 seconds
31		LAMP CONTROL
	000 - 025	Free
	026 - 100	Lamp OFF Lamp switch-off staying in this range for 3 seconds
	101 - 255	Lamp ON Lamp switch-on staying in this range for 3 seconds SHARPY PLUS AQUA is not provided with hot re-strike igniter After switching-off the lamp wait at least 2 minutes before switching-on it again

IMPORTANT NOTE

When you turn off the lamps please wait at least a couple of minutes before to turn the lamp on again.

To prevent accidental breakage of the effects, which could collide with each other's during transport, before to switch the unit OFF please make sure that all the fixture DMX parameters have been excluded (DMX level = 0 bit.).

Is recommended to turn off the lamps before to turn off the fixtures.