

CYCLOPS

LIGHTING

ILLUMA 500P

DMX CHART

44 CH	45 CH	Function	DMX value	Channel function
1	1	Pan rotation	0-255	0~540°
2	2	Pan fine	0-255	Pan fine
3	3	Tilt rotation	0-255	0~270°
4	4	Tilt fine	0-255	Tilt fine
5	5	P/T speed	0-255	P/T speed
6	6	Function	0-139	Empty
			140-149 (Hold for 3 seconds)	Pan / Tilt reset
			150-159	Empty
			160-169 (Hold for 3 seconds)	Small motor reset
			170-199	Empty
			200-209 (Hold for 3 seconds)	Reset the whole fixture
			210-239	Empty
			240 (Hold for 3 seconds)	Silent mode off
			241-255 (Hold for 3 seconds)	Silent mode on
7	7	LED frequency	0-4	Empty
			5-9 (Hold for 3	4K

			seconds)	
			10-14 (Hold for 3 seconds)	10K
			15-19 (Hold for 3 seconds)	20K
			20-24 (Hold for 3 seconds)	40K
			25-255	Empty
8	8	LED Frequency fine tuning	0-255	Empty
9	9	Brightness settings	0-255	Empty
10	10	Color wheel	0-127	Color wheel continuous positioning
			128-129	White
			130-136	Color 1
			137-142	Color 2
			143-149	Color 3
			150-155	Color 4
			156-162	Color 5
			163-189	Color 6

			190-215	The color wheel rotates forward - fast to slow
			216-217	Stop
			218-243	Color wheel inversion - slow to fast
			244-249	Voice control random color
			250-255	Random colors - fast to slow
11	11	Color wheel fine-tuning	0-255	Empty
12	12	Cyan	0-255	Linear cyan blue

13	13	Magenta	0-255	Linear magenta
14	14	Yellow	0-255	Linear yellow
15	15	CTO	0-255	Linear CTO
16	16	Green correction	0-255	Empty
17	17	Color macro	0-255	Empty
18	18	Color speed	0-255	Empty
19	19	Beam speed	0-255	Empty
20	20	Fixed GOBO	0-8	White
			9-17	GOBO 1
			18-26	GOBO 2
			27-35	GOBO 3
			36-44	GOBO 4
			45-53	GOBO 5
			54-62	GOBO 6
			63-71	GOBO 7
			72-80	GOBO 8
			81-91	GOBO 9
			92-103	GOBO 1 shake
			104-115	GOBO 2 shake
			116-127	GOBO 3 shake
			128-139	GOBO 4 shake
			140-151	GOBO 5 shake
			152-163	GOBO 6 shake
			164-175	GOBO 7 shake
			176-187	GOBO 8 shake
			188-199	GOBO 9 shake
			200-201	White
202-222	The GOBO wheel rotates forward - from fast to slow			
223-243	GOBO reverse - slow to fast			

			244-249	Voice controlled random GOBO
			250-255	Random GOBO-fast to slow
21	21	Rotate	0	Empty
			1-9	Maximum white light hole
			GOBO positioning (GOBO rotation index mode)	
			10-13	GOBO 1
			14-17	GOBO 2

			18-21	GOBO 3
			22-25	GOBO 4
			26-29	GOBO 5
			30-33	GOBO 6
			34-37	GOBO 7
			38-41	GOBO 8
			GOBO positioning (GOBO rotation and rotation mode)	
			42-45	GOBO 1
			46-49	GOBO 2
			50-53	GOBO 3
			54-57	GOBO 4
			58-61	GOBO 5
			62-65	GOBO 6
			56-69	GOBO 7
			70-73	GOBO 8
			GOBO shake from slow to fast (GOBO rotation index mode)	
			74-81	GOBO 1 shake
			82-89	GOBO 2 shake
			90-97	GOBO 3 shake
			98-105	GOBO 4 shake
			106-113	GOBO 5 shake
			114-121	GOBO 6 shake

			122–129	GOBO 7 shake
			130–137	GOBO 8 shake
			GOBO shake from slow to fast (GOBO rotation index mode)	
			138–145	GOBO 1 shake
			146–153	GOBO 2 shake
			154–161	GOBO 3 shake
			162–169	GOBO 4 shake
			170–177	GOBO 5 shake
			178–185	GOBO 6 shake
			186–192	GOBO 7 shake
			193–199	GOBO 8 shake
			200–201	Maximum white light hole
			202–222	The GOBO wheel rotates forward - from fast to slow
			223–243	GOBO wheel reversal - slow to fast
			244–249	Voice activated random pattern
			250–255	Random GOBO - fast to slow
*	22	Rotate GOBO fine-tuning	0–255	Empty
22	23	GOBO rotation	GOBO rotation index mode	
			0-255	Index
			GOBO rotation mode	
			0	Stop
			1–127	Empty
			128	Stop
			129–255	Rotate clockwise from slow to fast
23	24	GOBO rotation fine-tuning	0–255	GOBO rotation fine-tuning
24	25	Prism	0-19	Empty

			20-73	Index mode
			74-127	Empty
			128-135	Prism macro 1
		
			248-255	Prism macro 16
25	26	Prism rotation	Index mode	
			0-255	Index
			Rotation mode	
			0	Stop
			1-127	Counterclockwise rotation from fast to slow
			128	Stop
			129-255	Rotate clockwise from slow to fast
26	27	Frost	0	Empty
			1-179	Linear frost
			180-255	linear atomization
27	28	Iris	0	Iris open
			1-179	Linear aperture from large to small
			180-191	Iris closed
			192-219	Open slowly, close quickly, slow to fast
			220-247	Open quickly and close slowly, fast to slow
			248-251	Slow opening, fast closing, fast to slow, random
			252-255	Fast opening and slow closing, fast to slow random
28	29	Iris fine adjustment	0-255	Empty
29	30	Zoom	0-255	linear zoom
30	31	Zoom in and fine-tune	0-255	Zoom fine
31	32	Zoom	0-255	Linear focus

32	33	Focus fine adjustment	0–255	focus fine
33	34	Blade rotation	0-255	Blade rotation
34	35	Blade up 1	0-255	Blade up 1
35	36	Blade up 2	0-255	Blade up 2
36	37	Blade down 1	0-255	Blade down 1
37	38	Blade down 2	0-255	Blade down 2
38	39	Blade right 1	0-255	Blade right 1
39	40	Blade right 2	0-255	Blade right 2
40	41	Blade left 1	0-255	Blade left 1
41	42	Blade left 2	0-255	Blade left 2
42	43	Strobe	0–31	Strobe off
			32–63	Strobe on
			64–95	Strobe from slow to fast
			96–127	Strobe on
			128–143	Pulse fade-in strobe from fast to slow

			144–159	Pulse fade out strobe from slow to fast
			160–191	Strobe on
			192–223	Random strobe from slow to fast
			224–255	Strobe on
43	44	Dimming	0-255	dimming coarse adjustment
44	45	Dimming fine adjustment	0-255	Dimming fine adjustment