CYCLOPS LIGHTING

FLASHBAR 400

DMX CHART

2 CHANNELS		
CHANNEL	**VALUE**	**FUNCTION**
1	000 - 255	Color marco (1-51)
2	000 - 255	CTO(2500K-8000K)

8 CHANNELS		
CHANNEL	**VALUE**	**FUNCTION**
1	000 - 255	Red Coarse
2	000 - 255	Red Fine
3	000 - 255	Green Coarse
4	000 - 255	Green Fine
5	000 - 255	Blue Coarse
6	000 - 255	Blue Fine
7	000 - 255	Lime Coarse
8	000 - 255	Lime Fine

13 CHANNEL		
CHANNEL	**VALUE**	**FUNCTION**
1	000 - 255	Master dimmer
2	000 - 255	Fine dimmer
3	000 - 255	Red Coarse
4	000 - 255	Red Fine
5	000 - 255	Green Coarse
6	000 - 255	Green Fine
7	000 - 255	Blue Coarse
8	000 - 255	Blue Fine
9	000 - 255	Lime Coarse
10	000 - 255	Lime Fine
	000 - 009	No function
	010 - 081	Strobe from slow to fast

11	082 - 091	No function
	092 - 163	Pulse Strobe from slow to fast
	164 - 173	No function
	174 - 245	Random strobe from slow to fast
	246 - 255	No function
12	000 - 255	Dimmer speed
13	000 - 255	Function set

18 CHANNELS		
CHANNEL	**VALUE**	**FUNCTION**
1	000 - 255	Master Dimmer
2	000 - 255	Fine dimmer
3	000 - 255	Red Coarse
4	000 - 255	Red Fine
5	000 - 255	Green Coarse
6	000 - 255	Green Fine
7	000 - 255	Blue Coarse
8	000 - 255	Blue Fine
9	000 - 255	Lime Coarse
10	000 - 255	Lime Fine
11	000 - 009	No function
	010 - 081	Strobe from slow to fast
	082 - 091	No function
	092 - 163	Pulse Strobe from slow to fast
	164 - 173	No function
	174 - 245	Random strobe from slow to fast
	246 - 255	No function
12	000 - 255	Color marco (1-51)
13	000 - 255	CTO(2500K-8000K)
14	000 - 255	Dimmer speed
15	000 - 255	Function set
16	000 - 255	Auto
17	000 - 255	Auto speed
18	000 - 255	Fade

27 CHANNELS		
CHANNEL	VALUE	FUNCTION
1	000 - 255	Master Dimmer
2	000 - 255	Fine dimmer
	000 - 044	No function
	045 - 049	Pixel on

3	050 - 054	Pixel off
	055 - 059	Dimmer curve Linear
	060 - 064	Dimmer curve Square Law
	065 - 069	Dimmer curve Inverse Square Law
	070 - 074	Dimmer curve S-Curve
	075 - 089	No function
	090 - 094	Calibrated color output mode - COLOR CALIB = On[1]
	095 - 099	Raw color output mode - COLOR CALIB = OFF[1]
	100 - 114	No function
	115 - 119	600Hz refresh rate
	120 - 124	1200Hz refresh rate
	125 - 129	2400Hz refresh rate
	130 - 134	4800Hz refresh rate
	135 - 139	9800Hz refresh rate
	140 - 144	12000Hz refresh rate
	145 - 149	18000Hz refresh rate
	150 - 249	No function
	250 - 255	Illuminate display
4	000 - 255	Red
5	000 - 255	Green
6	000 - 255	Blue
7	000 - 255	Lime
8	000 - 009	No function
	010 - 081	Strobe from slow to fast
	082 - 091	No function
	092 - 163	Pulse Strobe from slow to fast
	164 - 173	No function
	174 - 245	Random strobe from slow to fast
	246 - 255	No function
9	000 - 255	Color marco 1-51
10	000 - 255	CTO(2500K-8000K)
11	000 - 255	Dimmer speed
12	000 - 255	LED 1 dimmer
13	000 - 255	LED 2 dimmer
14	000 - 255	LED 3 dimmer
15	000 - 255	LED 4 dimmer
16	000 - 255	LED 5 dimmer
17	000 - 255	LED 6 dimmer
18	000 - 255	LED 7 dimmer
19	000 - 255	LED 8 dimmer

20	000 - 255	LED 9 dimmer
21	000 - 255	LED 10 dimmer
22	000 - 255	LED 11 dimmer
23	000 - 255	LED 12 dimmer
24	000 - 255	LED 13 dimmer
25	000 - 255	LED 14 dimmer
26	000 - 255	LED 15 dimmer
27	000 - 255	LED 16 dimmer

32 CHANNELS		
CHANNEL	**VALUE**	**FUNCTION**
1	000 - 255	LED 1-2 Red
2	000 - 255	LED 1-2 Green
3	000 - 255	LED 1-2 Blue
4	000 - 255	LED 1-2 Lime
5	000 - 255	LED 3-4 Red
6	000 - 255	LED 3-4 Green
7	000 - 255	LED 3-4 Blue
8	000 - 255	LED 3-4 Lime
9	000 - 255	LED 5-6 Red
10	000 - 255	LED 5-6 Green
11	000 - 255	LED 5-6 Blue
12	000 - 255	LED 5-6 Lime
13	000 - 255	LED 7-8 Red
14	000 - 255	LED 7-8 Green
15	000 - 255	LED 7-8 Blue
16	000 - 255	LED 7-8 Lime
17	000 - 255	LED 9-10 Red
18	000 - 255	LED 9-10 Green
19	000 - 255	LED 9-10 Blue
20	000 - 255	LED 9-10 Lime
21	000 - 255	LED 11-12 Red
22	000 - 255	LED 11-12 Green
23	000 - 255	LED 11-12 Blue
24	000 - 255	LED 11-12 Lime
25	000 - 255	LED 13-14 Red
26	000 - 255	LED 13-14 Green
27	000 - 255	LED 13-14 Blue
28	000 - 255	LED 13-14 Lime
29	000 - 255	LED 15-16 Red

30	000 - 255	LED 15-16 Green
31	000 - 255	LED 15-16 Blue
32	000 - 255	LED 15-16 Lime

64 CHANNELS		
CHANNEL	**VALUE**	**FUNCTION**
1	000 - 255	LED 1 Red
2	000 - 255	LED 1 Green
3	000 - 255	LED 1 Blue
4	000 - 255	LED 1 Lime
5	000 - 255	LED 2 Red
6	000 - 255	LED 2 Green
7	000 - 255	LED 2 Blue
8	000 - 255	LED 2 Lime
9	000 - 255	LED 3 Red
10	000 - 255	LED 3 Green
11	000 - 255	LED 3 Blue
12	000 - 255	LED 3 Lime
13	000 - 255	LED 4 Red
14	000 - 255	LED 4 Green
15	000 - 255	LED 4 Blue
16	000 - 255	LED 4 Lime
17	000 - 255	LED 5 Red
18	000 - 255	LED 5 Green
19	000 - 255	LED 5 Blue
20	000 - 255	LED 5 Lime
21	000 - 255	LED 6 Red
22	000 - 255	LED 6 Green
23	000 - 255	LED 6 Blue
24	000 - 255	LED 6 Lime
25	000 - 255	LED 7 Red
26	000 - 255	LED 7 Green
27	000 - 255	LED 7 Blue
28	000 - 255	LED 7 Lime
29	000 - 255	LED 8 Red
30	000 - 255	LED 8 Green
31	000 - 255	LED 8 Blue
32	000 - 255	LED 8 Lime
33	000 - 255	LED 9 Red
34	000 - 255	LED 9 Green
35	000 - 255	LED 9 Blue

36	000 - 255	LED 9 Lime
37	000 - 255	LED 10 Red
38	000 - 255	LED 10 Green
39	000 - 255	LED 10 Blue
40	000 - 255	LED 10 Lime
41	000 - 255	LED 11 Red
42	000 - 255	LED 11 Green
43	000 - 255	LED 11 Blue
44	000 - 255	LED 11 Lime
45	000 - 255	LED 12 Red
46	000 - 255	LED 12 Green
47	000 - 255	LED 12 Blue
48	000 - 255	LED 12 Lime
49	000 - 255	LED 13 Red
50	000 - 255	LED 13 Green
51	000 - 255	LED 13 Blue
52	000 - 255	LED 13 Lime
53	000 - 255	LED 14 Red
54	000 - 255	LED 14 Green
55	000 - 255	LED 14 Blue
56	000 - 255	LED 14 Lime
57	000 - 255	LED 15 Red
58	000 - 255	LED 15 Green
59	000 - 255	LED 15 Blue
60	000 - 255	LED 15 Lime
61	000 - 255	LED 16 Red
62	000 - 255	LED 16 Green
63	000 - 255	LED 16 Blue
64	000 - 255	LED 16 Lime

73 CHANNELS		
CHANNEL	**VALUE**	**FUNCTION**
1	000 - 255	Master Dimmer
2	000 - 255	Fine dimmer
	000 - 044	No function
	045 - 049	Pixel on
	050 - 054	Pixel off
	055 - 059	Dimmer curve Linear
	060 - 064	Dimmer curve Square Law
	065 - 069	Dimmer curve Inverse Square Law
	070 - 074	Dimmer curve S-Curve

3	075 - 089	No function
	090 - 094	Calibrated color output mode - COLOR CALIB = On[1]
	095 - 099	Raw color output mode - COLOR CALIB = OFF[1]
	100 - 114	No function
	115 - 119	600Hz refresh rate
	120 - 124	1200Hz refresh rate
	125 - 129	2400Hz refresh rate
	130 - 134	4800Hz refresh rate
	135 - 139	9800Hz refresh rate
	140 - 144	12000Hz refresh rate
	145 - 149	18000Hz refresh rate
	150 - 249	No function
	250 - 255	Illuminate display
4	000 - 255	LED 1 Red
5	000 - 255	LED 1 Green
6	000 - 255	LED 1 Blue
7	000 - 255	LED 1 Lime
8	000 - 255	LED 2 Red
9	000 - 255	LED 2 Green
10	000 - 255	LED 2 Blue
11	000 - 255	LED 2 Lime
12	000 - 255	LED 3 Red
13	000 - 255	LED 3 Green
14	000 - 255	LED 3 Blue
15	000 - 255	LED 3 Lime
16	000 - 255	LED 4 Red
17	000 - 255	LED 4 Green
18	000 - 255	LED 4 Blue
19	000 - 255	LED 4 Lime
20	000 - 255	LED 5 Red
21	000 - 255	LED 5 Green
22	000 - 255	LED 5 Blue
23	000 - 255	LED 5 Lime
24	000 - 255	LED 6 Red
25	000 - 255	LED 6 Green
26	000 - 255	LED 6 Blue
27	000 - 255	LED 6 Lime
28	000 - 255	LED 7 Red
29	000 - 255	LED 7 Green
30	000 - 255	LED 7 Blue

31	000 - 255	LED 7 Lime
32	000 - 255	LED 8 Red
33	000 - 255	LED 8 Green
34	000 - 255	LED 8 Blue
35	000 - 255	LED 8 Lime
36	000 - 255	LED 9 Red
37	000 - 255	LED 9 Green
38	000 - 255	LED 9 Blue
39	000 - 255	LED 9 Lime
40	000 - 255	LED 10 Red
41	000 - 255	LED 10 Green
42	000 - 255	LED 10 Blue
43	000 - 255	LED 10 Lime
44	000 - 255	LED 11 Red
45	000 - 255	LED 11 Green
46	000 - 255	LED 11 Blue
47	000 - 255	LED 11 Lime
48	000 - 255	LED 12 Red
49	000 - 255	LED 12 Green
50	000 - 255	LED 12 Blue
51	000 - 255	LED 12 Lime
52	000 - 255	LED 13 Red
53	000 - 255	LED 13 Green
54	000 - 255	LED 13 Blue
55	000 - 255	LED 13 Lime
56	000 - 255	LED 14 Red
57	000 - 255	LED 14 Green
58	000 - 255	LED 14 Blue
59	000 - 255	LED 14 Lime
60	000 - 255	LED 15 Red
61	000 - 255	LED 15 Green
62	000 - 255	LED 15 Blue
63	000 - 255	LED 15 Lime
64	000 - 255	LED 16 Red
65	000 - 255	LED 16 Green
66	000 - 255	LED 16 Blue
67	000 - 255	LED 16 Lime
68	000 - 255	Dimmer speed
69	000 - 255	Color marco
70	000 - 255	CTO(2500K-8000K)
71	000 - 255	Auto

72	000 - 255	Auto speed
73	000 - 255	Fade

DMX CONTROL SHEET

Strobe	
0 - 9	No function
10 - 81	strobe from slow to fast
82 - 91	No function
92 - 163	Pulse Strobe from slow to fast
164 - 173	No function
174 - 245	Random strobe from slow to fast
246 - 255	No function

Function set	
000 - 044	No function
045 - 049	Pixel on pixel orientation
050 - 054	Pixel off pixel orientation
055 - 059	Dimmer curve Linear
060 - 064	Dimmer curve Square Law
065 - 069	Dimmer curve Inverse Square Law
070 - 074	Dimmer curve S-Curve
075 - 089	No function
090 - 094	Calibrated color output mode - COLOR CALIB = On[1]
095 - 099	Raw color output mode - COLOR CALIB = OFF[1]
100 - 114	No function
115 - 119	600Hz refresh rate
120 - 124	1200Hz refresh rate
125 - 129	2400Hz refresh rate
130 - 134	4800Hz refresh rate
135 - 139	9800Hz refresh rate
140 - 144	12000Hz refresh rate
145 - 149	18000Hz refresh rate
150 - 249	No function
250 - 255	Illuminate display

CTO		
8	30	2500K
31	53	3000K
54	76	3500K
77	99	4000K
100	122	4500K
123	145	5000K
146	168	5500K
169	191	6000K
192	214	6500K
215	237	7000K
238	255	8000K

auto speed		
0	27	auto speed 1
28	55	auto speed 2
56	83	auto speed 3
84	111	auto speed 4
112	139	auto speed 5
140	167	auto speed 6
168	195	auto speed 7
196	223	auto speed 8
224	251	auto speed 9
252	255	auto speed 10

Dimmer Speed		
0	49	No function
50	99	Dimmer Speed 1
100	149	Dimmer Speed 2
150	199	Dimmer Speed 3
200	255	Dimmer Speed 4

DMX Values					
0	4	No function	130	134	Color 26
5	9	Color 1	135	139	Color 27
10	14	Color 2	140	144	Color 28
15	19	Color 3	145	149	Color 29
20	24	Color 4	150	154	Color 30
25	29	Color 5	155	159	Color 31
30	34	Color 6	160	164	Color 32
35	39	Color 7	165	169	Color 33

40	44	Color 8	170	174	Color 34
45	49	Color 9	175	179	Color 35
50	54	Color 10	180	184	Color 36
55	59	Color 11	185	189	Color 37
60	64	Color 12	190	194	Color 38
65	69	Color 13	195	199	Color 39
70	74	Color 14	200	204	Color 40
75	79	Color 15	205	209	Color 41
80	84	Color 16	210	214	Color 42
85	89	Color 17	215	219	Color 43
90	94	Color 18	220	224	Color 44
95	99	Color 19	225	229	Color 45
100	104	Color 20	230	234	Color 46
105	109	Color 21	235	239	Color 47
110	114	Color 22	240	244	Color 48
115	119	Color 23	245	249	Color 49
120	124	Color 24	250	254	Color 50
125	129	Color 25	255		Color 51

auto					
6	10	auto1	71	76	auto12
11	16	auto2	77	82	auto13
17	22	auto3	83	88	auto14
23	28	auto4	89	94	auto15
29	34	auto5	95	100	auto16
35	40	auto6	101	106	auto17
41	46	auto7	107	112	auto18
47	52	auto8	113	119	auto19
53	58	auto9	120	125	auto20
59	64	auto10	126	130	auto21
65	70	auto11	131	255	auto22