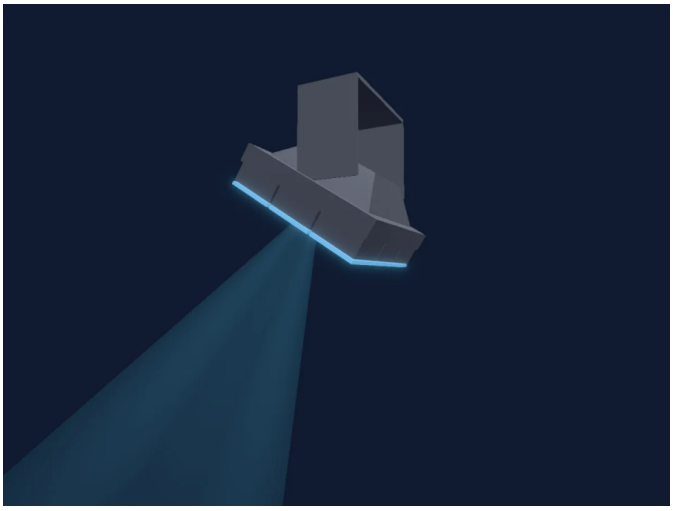
OXO Light

COLORBLIND 400 BFX



Manufacturer	**OXO Light**
Type	**Blinder**
DMX modes	**10**
DMX footprint	**3, 4, 14, 37, 76, 86 channels**
Beam angle	**25.003803-60°**
Pan range	**360°**
Tilt range	**270°**
Heads / cells	**2**
Size (W × H × D)	**375 × 174 × 375 mm**
GDTF fixture type	**3654EE0E-3DA7-47BC-9B4C-22…**

Controls

RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

MODE 36CH (RGBW Pixel 8 bits)	3 ch
MODE 4CH (RGBW 8 bits)	4 ch
MODE 14 CH (Macro 8bits)	14 ch
MODE 14 CH (Macro 8bits) No Channel Function	14 ch
MODE 37 CH (Blind Pixel 16bits)	37 ch
MODE 37 CH (Blind Pixel 16bits) No Channel Function	37 ch
MODE 76 CH (Pixel + Strobe 16bits)	76 ch
MODE 76 CH (Pixel + Strobe 16bits) No Channel Function	76 ch
MODE 86 CH (Full 16bits)	86 ch
MODE 86 CH (Full 16bits) No Channel Function	86 ch

MODE 36CH (RGBW Pixel 8 bits)

3 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	

MODE 4CH (RGBW 8 bits)

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Dimmer	0	0–254 Closed 255–255 Open

MODE 14 CH (Macro 8bits)

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	0	0–0 Tungsten 3000 K Dim Warm 1–255 1800 K - 6500 K
3	Effect	0	0–9 No Function (wheel slot 1) 10–19 Dot (wheel slot 2) 20–29 Full Ring (wheel slot 3) 30–39 X (wheel slot 4) 40–49 Ring (wheel slot 5) 50–59 Corner (wheel slot 6) 60–69 Left (wheel slot 7) 70–79 Middle V (wheel slot 8) 80–89 Right (wheel slot 9) 90–99 Up (wheel slot 10) 100–109 Middle H (wheel slot 11) 110–119 Down (wheel slot 12) 120–129 Diag Down (wheel slot 13) 130–139 Diag Up (wheel slot 14) 140–149 2 dots Down (wheel slot 15) 150–159 2 dots Mid H (wheel slot 16) 160–169 2 dots Up (wheel slot 17) 170–179 2 dots Mid V (wheel slot 18) 180–189 Vertical Chase bar (wheel slot 19) 190–199 Horizontal Chase bar (wheel slot 20) 200–209 Diagonal Chase Bar Left Top (wheel slot 21) 210–219 Diagonal Chase Bar Right Top (wheel slot 22) 220–229 Circle point chase (wheel slot 23) 230–239 Turning Bar (wheel slot 24) 240–249 Double turn chase (wheel slot 25) 250–255 No Function (wheel slot 26)
4	Effect Speed	200	0–0 Stop 1–126 <<< 127–128 Stop <> 129–254 >>> 255–255 Stop

MODE 14 CH (Macro 8bits) (continued)

Ch	Function	Default	DMX values
5	Shutter / Strobe	0	0–4 No Function 5–49 Strobe 50–99 Lightning Strobe 100–149 Random Strobe 150–199 Random Lightning Strobe 200–223 Random Solo Strobe 224–255 Random Solo Lightning Strobe
6	Dimmer	0	
7	Red	255	
8	Green	255	
9	Blue	255	
10	Effect	0	0–9 No Function (wheel slot 1) 10–19 Dot (wheel slot 2) 20–29 Full Ring (wheel slot 3) 30–39 X (wheel slot 4) 40–49 Ring (wheel slot 5) 50–59 Corner (wheel slot 6) 60–69 Left (wheel slot 7) 70–79 Middle V (wheel slot 8) 80–89 Right (wheel slot 9) 90–99 Up (wheel slot 10) 100–109 Middle H (wheel slot 11) 110–119 Down (wheel slot 12) 120–129 Diag Down (wheel slot 13) 130–139 Diag Up (wheel slot 14) 140–149 2 dots Down (wheel slot 15) 150–159 2 dots Mid H (wheel slot 16) 160–169 2 dots Up (wheel slot 17) 170–179 2 dots Mid V (wheel slot 18) 180–189 Vertical Chase bar (wheel slot 19) 190–199 Horizontal Chase bar (wheel slot 20) 200–209 Diagonal Chase Bar Left Top (wheel slot 21) 210–219 Diagonal Chase Bar Right Top (wheel slot 22) 220–229 Circle point chase (wheel slot 23) 230–239 Turning Bar (wheel slot 24) 240–249 Double turn chase (wheel slot 25) 250–255 No Function (wheel slot 26)
11	Effect Speed	200	0–0 Stop 1–126 << 127–128 Stop <> 129–254 >>> 255–255 Stop
12	Color Macro1	0	
13	Color Macro1Rate	200	0–0 Stop 1–126 <<< 127–128 Stop <> 129–254 >>> 255–255 Stop
14	Shutter / Strobe	0	0–4 No Function 5–49 Strobe 50–99 Lightning Strobe 100–149 Random Strobe 150–199 Random Lightning Strobe 200–223 Random Solo Strobe 224–255 Random Solo Lightning Strobe

MODE 14 CH (Macro 8bits) No Channel Function

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	0	0–0 Tungsten 3000 K Dim Warm 1–255 1800 K - 6500 K
3	Effect	0	0–9 No Function (wheel slot 1) 10–19 Dot (wheel slot 2) 20–29 Full Ring (wheel slot 3) 30–39 X (wheel slot 4) 40–49 Ring (wheel slot 5) 50–59 Corner (wheel slot 6) 60–69 Left (wheel slot 7) 70–79 Middle V (wheel slot 8) 80–89 Right (wheel slot 9) 90–99 Up (wheel slot 10) 100–109 Middle H (wheel slot 11) 110–119 Down (wheel slot 12) 120–129 Diag Down (wheel slot 13) 130–139 Diag Up (wheel slot 14) 140–149 2 dots Down (wheel slot 15) 150–159 2 dots Mid H (wheel slot 16) 160–169 2 dots Up (wheel slot 17) 170–179 2 dots Mid V (wheel slot 18) 180–189 Vertical Chase bar (wheel slot 19) 190–199 Horizontal Chase bar (wheel slot 20) 200–209 Diagonal Chase Bar Left Top (wheel slot 21) 210–219 Diagonal Chase Bar Right Top (wheel slot 22) 220–229 Circle point chase (wheel slot 23) 230–239 Turning Bar (wheel slot 24) 240–249 Double turn chase (wheel slot 25) 250–255 No Function (wheel slot 26)
4	Effect Speed	200	0–0 Stop 1–126 << 127–128 Stop <> 129–254 >>> 255–255 Stop
5	Shutter / Strobe	0	0–4 No Function 5–49 Strobe ALL : Slow to Fast 50–149 Lightning Strobe : Slow to Fast 150–199 Ramdom Lighting Strobe : Slow to Fast 200–223 Ramdom solo Strobe : Slow to Fast 224–255 Ramdom Solo lighting Strobe : Slow to Fast
6	Dimmer	0	
7	Red	255	
8	Green	255	
9	Blue	255	

MODE 14 CH (Macro 8bits) No Channel Function (continued)

Ch	Function	Default	DMX values
10	Effect	0	0–9 No Function (wheel slot 1) 10–19 Dot (wheel slot 2) 20–29 Full Ring (wheel slot 3) 30–39 X (wheel slot 4) 40–49 Ring (wheel slot 5) 50–59 Corner (wheel slot 6) 60–69 Left (wheel slot 7) 70–79 Middle V (wheel slot 8) 80–89 Right (wheel slot 9) 90–99 Up (wheel slot 10) 100–109 Middle H (wheel slot 11) 110–119 Down (wheel slot 12) 120–129 Diag Down (wheel slot 13) 130–139 Diag Up (wheel slot 14) 140–149 2 dots Down (wheel slot 15) 150–159 2 dots Mid H (wheel slot 16) 160–169 2 dots Up (wheel slot 17) 170–179 2 dots Mid V (wheel slot 18) 180–189 Vertical Chase bar (wheel slot 19) 190–199 Horizontal Chase bar (wheel slot 20) 200–209 Diagonal Chase Bar Left Top (wheel slot 21) 210–219 Diagonal Chase Bar Right Top (wheel slot 22) 220–229 Circle point chase (wheel slot 23) 230–239 Turning Bar (wheel slot 24) 240–249 Double turn chase (wheel slot 25) 250–255 No Function (wheel slot 26)
11	Effect Speed	200	0–0 Stop 1–126 <<< 127–128 Stop <> 129–254 >>> 255–255 Stop
12	Color Macro1	0	
13	Color Macro1Rate	200	0–0 Stop 1–126 <<< 127–128 Stop <> 129–254 >>> 255–255 Stop
14	Shutter / Strobe	0	0–4 No Function 5–49 Strobe ALL : Slow to Fast 50–149 Lightning Strobe : Slow to Fast 150–199 Ramdom Lighting Strobe : Slow to Fast 200–223 Ramdom solo Strobe : Slow to Fast 224–255 Ramdom Solo lighting Strobe : Slow to Fast

MODE 37 CH (Blind Pixel 16bits)

37 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Reserved 3	0	
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	

MODE 37 CH (Blind Pixel 16bits) (continued)

Ch	Function	Default	DMX values
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	C TC	0	0–0 Tungsten 3000 K Dim Warm 1–255 1800 K - 6500 K
20	Shutter / Strobe	0	0–4 No Function 5–49 Strobe 50–99 Lightning Strobe 100–149 Random Strobe 150–199 Random Lightning Strobe 200–223 Random Solo Strobe 224–255 Random Solo Lightning Strobe
21	Dimmer	0	
22	Red	255	
23	Green	255	
24	Blue	255	
25	Effect	0	0–9 No Function (wheel slot 1) 10–19 Dot (wheel slot 2) 20–29 Full Ring (wheel slot 3) 30–39 X (wheel slot 4) 40–49 Ring (wheel slot 5) 50–59 Corner (wheel slot 6) 60–69 Left (wheel slot 7) 70–79 Middle V (wheel slot 8) 80–89 Right (wheel slot 9) 90–99 Up (wheel slot 10) 100–109 Middle H (wheel slot 11) 110–119 Down (wheel slot 12) 120–129 Diag Down (wheel slot 13) 130–139 Diag Up (wheel slot 14) 140–149 2 dots Down (wheel slot 15) 150–159 2 dots Mid H (wheel slot 16) 160–169 2 dots Up (wheel slot 17) 170–179 2 dots Mid V (wheel slot 18) 180–189 Vertical Chase bar (wheel slot 19) 190–199 Horizontal Chase bar (wheel slot 20) 200–209 Diagonal Chase Bar Left Top (wheel slot 21) 210–219 Diagonal Chase Bar Right Top (wheel slot 22) 220–229 Circle point chase (wheel slot 23) 230–239 Turning Bar (wheel slot 24) 240–249 Double turn chase (wheel slot 25) 250–255 No Function (wheel slot 26)
26	Effect Speed	200	0–0 Stop 1–126 <<< 127–128 Stop <> 129–254 >>> 255–255 Stop
27	Color Macro1	0	

MODE 37 CH (Blind Pixel 16bits) (continued)

Ch	Function	Default	DMX values
28	Color Macro1Rate	200	0–0 Stop 1–126 << 127–128 Stop <> 129–254 >>> 255–255 Stop
29	Dimmer	0	
30	Red	255	
31	Green	255	
32	Blue	255	
33	Effect	0	0–9 No Function (wheel slot 1) 10–19 Dot (wheel slot 2) 20–29 Full Ring (wheel slot 3) 30–39 X (wheel slot 4) 40–49 Ring (wheel slot 5) 50–59 Corner (wheel slot 6) 60–69 Left (wheel slot 7) 70–79 Middle V (wheel slot 8) 80–89 Right (wheel slot 9) 90–99 Up (wheel slot 10) 100–109 Middle H (wheel slot 11) 110–119 Down (wheel slot 12) 120–129 Diag Down (wheel slot 13) 130–139 Diag Up (wheel slot 14) 140–149 2 dots Down (wheel slot 15) 150–159 2 dots Mid H (wheel slot 16) 160–169 2 dots Up (wheel slot 17) 170–179 2 dots Mid V (wheel slot 18) 180–189 Vertical Chase bar (wheel slot 19) 190–199 Horizontal Chase bar (wheel slot 20) 200–209 Diagonal Chase Bar Left Top (wheel slot 21) 210–219 Diagonal Chase Bar Right Top (wheel slot 22) 220–229 Circle point chase (wheel slot 23) 230–239 Turning Bar (wheel slot 24) 240–249 Double turn chase (wheel slot 25) 250–255 No Function (wheel slot 26)
34	Effect Speed	200	0–0 Stop 1–126 <<< 127–128 Stop <> 129–254 >>> 255–255 Stop
35	Color Macro1	0	
36	Color Macro1Rate	200	0–0 Stop 1–126 <<< 127–128 Stop <> 129–254 >>> 255–255 Stop
37	Shutter / Strobe	0	0–4 No Function 5–49 Strobe 50–99 Lightning Strobe 100–149 Random Strobe 150–199 Random Lightning Strobe 200–223 Random Solo Strobe 224–255 Random Solo Lightning Strobe

MODE 37 CH (Blind Pixel 16bits) No Channel Function

37 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Reserved 3	0	
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	C TC	0	0–0 Tungsten 3000 K Dim Warm 1–255 1800 K - 6500 K
20	Shutter / Strobe	0	0–4 No Function 5–49 Strobe ALL : Slow to Fast 50–149 Lightning Strobe : Slow to Fast 150–199 Ramdom Lighting Strobe : Slow to Fast 200–223 Ramdom solo Strobe : Slow to Fast 224–255 Ramdom Solo lighting Strobe : Slow to Fast
21	Dimmer	0	
22	Red	255	
23	Green	255	
24	Blue	255	

MODE 37 CH (Blind Pixel 16bits) No Channel Function (continued)

Ch	Function	Default	DMX values
25	Effect	0	0–9 No Function (wheel slot 1) 10–19 Dot (wheel slot 2) 20–29 Full Ring (wheel slot 3) 30–39 X (wheel slot 4) 40–49 Ring (wheel slot 5) 50–59 Corner (wheel slot 6) 60–69 Left (wheel slot 7) 70–79 Middle V (wheel slot 8) 80–89 Right (wheel slot 9) 90–99 Up (wheel slot 10) 100–109 Middle H (wheel slot 11) 110–119 Down (wheel slot 12) 120–129 Diag Down (wheel slot 13) 130–139 Diag Up (wheel slot 14) 140–149 2 dots Down (wheel slot 15) 150–159 2 dots Mid H (wheel slot 16) 160–169 2 dots Up (wheel slot 17) 170–179 2 dots Mid V (wheel slot 18) 180–189 Vertical Chase bar (wheel slot 19) 190–199 Horizontal Chase bar (wheel slot 20) 200–209 Diagonal Chase Bar Left Top (wheel slot 21) 210–219 Diagonal Chase Bar Right Top (wheel slot 22) 220–229 Circle point chase (wheel slot 23) 230–239 Turning Bar (wheel slot 24) 240–249 Double turn chase (wheel slot 25) 250–255 No Function (wheel slot 26)
26	Effect Speed	200	0–0 Stop 1–126 <<< 127–128 Stop <> 129–254 >>> 255–255 Stop
27	Color Macro1	0	
28	Color Macro1Rate	200	0–0 Stop 1–126 <<< 127–128 Stop <> 129–254 >>> 255–255 Stop
29	Dimmer	0	
30	Red	255	
31	Green	255	
32	Blue	255	

MODE 37 CH (Blind Pixel 16bits) No Channel Function (continued)

Ch	Function	Default	DMX values
33	Effect	0	0–9 No Function (wheel slot 1) 10–19 Dot (wheel slot 2) 20–29 Full Ring (wheel slot 3) 30–39 X (wheel slot 4) 40–49 Ring (wheel slot 5) 50–59 Corner (wheel slot 6) 60–69 Left (wheel slot 7) 70–79 Middle V (wheel slot 8) 80–89 Right (wheel slot 9) 90–99 Up (wheel slot 10) 100–109 Middle H (wheel slot 11) 110–119 Down (wheel slot 12) 120–129 Diag Down (wheel slot 13) 130–139 Diag Up (wheel slot 14) 140–149 2 dots Down (wheel slot 15) 150–159 2 dots Mid H (wheel slot 16) 160–169 2 dots Up (wheel slot 17) 170–179 2 dots Mid V (wheel slot 18) 180–189 Vertical Chase bar (wheel slot 19) 190–199 Horizontal Chase bar (wheel slot 20) 200–209 Diagonal Chase Bar Left Top (wheel slot 21) 210–219 Diagonal Chase Bar Right Top (wheel slot 22) 220–229 Circle point chase (wheel slot 23) 230–239 Turning Bar (wheel slot 24) 240–249 Double turn chase (wheel slot 25) 250–255 No Function (wheel slot 26)
34	Effect Speed	200	0–0 Stop 1–126 <<< 127–128 Stop <> 129–254 >>> 255–255 Stop
35	Color Macro1	0	
36	Color Macro1Rate	200	0–0 Stop 1–126 <<< 127–128 Stop <> 129–254 >>> 255–255 Stop
37	Shutter / Strobe	0	0–4 No Function 5–49 Strobe ALL : Slow to Fast 50–149 Lightning Strobe : Slow to Fast 150–199 Ramdom Lighting Strobe : Slow to Fast 200–223 Ramdom solo Strobe : Slow to Fast 224–255 Ramdom Solo lighting Strobe : Slow to Fast

MODE 76 CH (Pixel + Strobe 16bits)

76 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Blue	0	
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	

MODE 76 CH (Pixel + Strobe 16bits) (continued)

Ch	Function	Default	DMX values
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	C TC	0	
20	Shutter / Strobe	0	0–4 No Function 5–49 Strobe 50–99 Lightning Strobe 100–149 Random Strobe 150–199 Random Lightning Strobe 200–223 Random Solo Strobe 224–255 Random Solo Lightning Strobe
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	

MODE 76 CH (Pixel + Strobe 16bits) (continued)

Ch	Function	Default	DMX values
48	Shutter / Strobe	0	0–0 Stop 1–126 << 127–128 Stop <> 129–254 >>> 255–255 Stop
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Shutter / Strobe	0	0–4 No Function 5–49 Strobe 50–99 Lightning Strobe 100–149 Random Strobe 150–199 Random Lightning Strobe 200–223 Random Solo Strobe 224–255 Random Solo Lightning Strobe

MODE 76 CH (Pixel + Strobe 16bits) No Channel Function

76 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Blue	255	
4	Reserved 4	0	
5	Reserved 5	0	

MODE 76 CH (Pixel + Strobe 16bits) No Channel Function (continued)

Ch	Function	Default	DMX values
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	C TC	0	
20	Shutter / Strobe	0	0–4 No Function 5–49 Strobe ALL : Slow to Fast 50–149 Lightning Strobe : Slow to Fast 150–199 Ramdom Lighting Strobe : Slow to Fast 200–223 Ramdom solo Strobe : Slow to Fast 224–255 Ramdom Solo lighting Strobe : Slow to Fast
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	

MODE 76 CH (Pixel + Strobe 16bits) No Channel Function (continued)

Ch	Function	Default	DMX values
48	Shutter / Strobe	0	0–0 Stop 1–126 <<< 127–128 Stop <> 129–254 >>> 255–255 Stop
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Shutter / Strobe	0	0–4 No Function 5–49 Strobe ALL : Slow to Fast 50–149 Lightning Strobe : Slow to Fast 150–199 Ramdom Lighting Strobe : Slow to Fast 200–223 Ramdom solo Strobe : Slow to Fast 224–255 Ramdom Solo lighting Strobe : Slow to Fast

MODE 86 CH (Full 16bits)

86 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Blue	0	
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	

MODE 86 CH (Full 16bits) (continued)

Ch	Function	Default	DMX values
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	C TC	0	
20	Effect	0	
21	Effect Speed	0	
22	Shutter / Strobe	0	0–4 No Function 5–49 Strobe 50–99 Lightning Strobe 100–149 Random Strobe 150–199 Random Lightning Strobe 200–223 Random Solo Strobe 224–255 Random Solo Lightning Strobe
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	

MODE 86 CH (Full 16bits) (continued)

Ch	Function	Default	DMX values
48	Reserved 48	0	
49	Reserved 49	0	
50	Effect	0	0–9 No Function (wheel slot 1) 10–19 Dot (wheel slot 2) 20–29 Full Ring (wheel slot 3) 30–39 X (wheel slot 4) 40–49 Ring (wheel slot 5) 50–59 Corner (wheel slot 6) 60–69 Left (wheel slot 7) 70–79 Middle V (wheel slot 8) 80–89 Right (wheel slot 9) 90–99 Up (wheel slot 10) 100–109 Middle H (wheel slot 11) 110–119 Down (wheel slot 12) 120–129 Diag Down (wheel slot 13) 130–139 Diag Up (wheel slot 14) 140–149 2 dots Down (wheel slot 15) 150–159 2 dots Mid H (wheel slot 16) 160–169 2 dots Up (wheel slot 17) 170–179 2 dots Mid V (wheel slot 18) 180–189 Vertical Chase bar (wheel slot 19) 190–199 Horizontal Chase bar (wheel slot 20) 200–209 Diagonal Chase Bar Left Top (wheel slot 21) 210–219 Diagonal Chase Bar Right Top (wheel slot 22) 220–229 Circle point chase (wheel slot 23) 230–239 Turning Bar (wheel slot 24) 240–249 Double turn chase (wheel slot 25) 250–255 No Function (wheel slot 26)
51	Effect Speed	0	
52	Color Macro1	0	
53	Color Macro1Rate	0	
54	Shutter / Strobe	0	0–4 No Function 5–49 Strobe 50–99 Lightning Strobe 100–149 Random Strobe 150–199 Random Lightning Strobe 200–223 Random Solo Strobe 224–255 Random Solo Lightning Strobe
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	

MODE 86 CH (Full 16bits) (continued)

Ch	Function	Default	DMX values
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Effect	0	0–9 No Function (wheel slot 1) 10–19 Dot (wheel slot 2) 20–29 Full Ring (wheel slot 3) 30–39 X (wheel slot 4) 40–49 Ring (wheel slot 5) 50–59 Corner (wheel slot 6) 60–69 Left (wheel slot 7) 70–79 Middle V (wheel slot 8) 80–89 Right (wheel slot 9) 90–99 Up (wheel slot 10) 100–109 Middle H (wheel slot 11) 110–119 Down (wheel slot 12) 120–129 Diag Down (wheel slot 13) 130–139 Diag Up (wheel slot 14) 140–149 2 dots Down (wheel slot 15) 150–159 2 dots Mid H (wheel slot 16) 160–169 2 dots Up (wheel slot 17) 170–179 2 dots Mid V (wheel slot 18) 180–189 Vertical Chase bar (wheel slot 19) 190–199 Horizontal Chase bar (wheel slot 20) 200–209 Diagonal Chase Bar Left Top (wheel slot 21) 210–219 Diagonal Chase Bar Right Top (wheel slot 22) 220–229 Circle point chase (wheel slot 23) 230–239 Turning Bar (wheel slot 24) 240–249 Double turn chase (wheel slot 25) 250–255 No Function (wheel slot 26)
83	Effect Speed	0	
84	Color Macro1	0	
85	Color Macro1Rate	0	
86	Shutter / Strobe	0	0–4 No Function 5–49 Strobe 50–99 Lightning Strobe 100–149 Random Strobe 150–199 Random Lightning Strobe 200–223 Random Solo Strobe 224–255 Random Solo Lightning Strobe

MODE 86 CH (Full 16bits) No Channel Function

86 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Blue	0	

MODE 86 CH (Full 16bits) No Channel Function (continued)

Ch	Function	Default	DMX values
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	C TC	0	
20	Effect	0	
21	Effect Speed	0	
22	Shutter / Strobe	0	0–4 No Function 5–49 Strobe ALL : Slow to Fast 50–149 Lightning Strobe : Slow to Fast 150–199 Ramdom Lighting Strobe : Slow to Fast 200–223 Ramdom solo Strobe : Slow to Fast 224–255 Ramdom Solo lighting Strobe : Slow to Fast
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	

MODE 86 CH (Full 16bits) No Channel Function (continued)

Ch	Function	Default	DMX values
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Effect	0	0–9 No Function (wheel slot 1) 10–19 Dot (wheel slot 2) 20–29 Full Ring (wheel slot 3) 30–39 X (wheel slot 4) 40–49 Ring (wheel slot 5) 50–59 Corner (wheel slot 6) 60–69 Left (wheel slot 7) 70–79 Middle V (wheel slot 8) 80–89 Right (wheel slot 9) 90–99 Up (wheel slot 10) 100–109 Middle H (wheel slot 11) 110–119 Down (wheel slot 12) 120–129 Diag Down (wheel slot 13) 130–139 Diag Up (wheel slot 14) 140–149 2 dots Down (wheel slot 15) 150–159 2 dots Mid H (wheel slot 16) 160–169 2 dots Up (wheel slot 17) 170–179 2 dots Mid V (wheel slot 18) 180–189 Vertical Chase bar (wheel slot 19) 190–199 Horizontal Chase bar (wheel slot 20) 200–209 Diagonal Chase Bar Left Top (wheel slot 21) 210–219 Diagonal Chase Bar Right Top (wheel slot 22) 220–229 Circle point chase (wheel slot 23) 230–239 Turning Bar (wheel slot 24) 240–249 Double turn chase (wheel slot 25) 250–255 No Function (wheel slot 26)
51	Effect Speed	0	
52	Color Macro1	0	
53	Color Macro1Rate	0	
54	Shutter / Strobe	0	0–4 No Function 5–49 Strobe ALL : Slow to Fast 50–149 Lightning Strobe : Slow to Fast 150–199 Ramdom Lighting Strobe : Slow to Fast 200–223 Ramdom solo Strobe : Slow to Fast 224–255 Ramdom Solo lighting Strobe : Slow to Fast
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	

MODE 86 CH (Full 16bits) No Channel Function (continued)

Ch	Function	Default	DMX values
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Effect	0	0–9 No Function (wheel slot 1) 10–19 Dot (wheel slot 2) 20–29 Full Ring (wheel slot 3) 30–39 X (wheel slot 4) 40–49 Ring (wheel slot 5) 50–59 Corner (wheel slot 6) 60–69 Left (wheel slot 7) 70–79 Middle V (wheel slot 8) 80–89 Right (wheel slot 9) 90–99 Up (wheel slot 10) 100–109 Middle H (wheel slot 11) 110–119 Down (wheel slot 12) 120–129 Diag Down (wheel slot 13) 130–139 Diag Up (wheel slot 14) 140–149 2 dots Down (wheel slot 15) 150–159 2 dots Mid H (wheel slot 16) 160–169 2 dots Up (wheel slot 17) 170–179 2 dots Mid V (wheel slot 18) 180–189 Vertical Chase bar (wheel slot 19) 190–199 Horizontal Chase bar (wheel slot 20) 200–209 Diagonal Chase Bar Left Top (wheel slot 21) 210–219 Diagonal Chase Bar Right Top (wheel slot 22) 220–229 Circle point chase (wheel slot 23) 230–239 Turning Bar (wheel slot 24) 240–249 Double turn chase (wheel slot 25) 250–255 No Function (wheel slot 26)
83	Effect Speed	0	
84	Color Macro1	0	
85	Color Macro1Rate	0	
86	Shutter / Strobe	0	0–4 No Function 5–49 Strobe ALL : Slow to Fast 50–149 Lightning Strobe : Slow to Fast 150–199 Ramdom Lighting Strobe : Slow to Fast 200–223 Ramdom solo Strobe : Slow to Fast 224–255 Ramdom Solo lighting Strobe : Slow to Fast