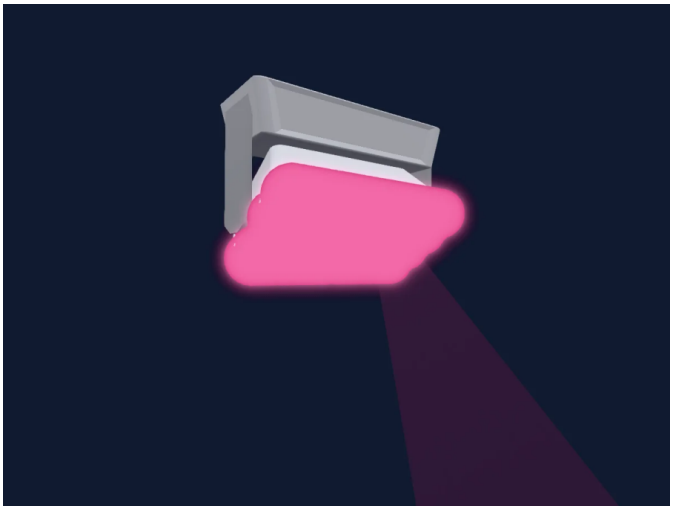
Brighter

X-Strobe IP



Manufacturer	**Brighter**
Type	**Moving head**
DMX modes	**8**
DMX footprint	**3, 4, 15, 21, 27, 105, 108, 198 channels**
Beam angle	**25°**
Tilt range	**180°**
Heads / cells	**2**
Size (W × H × D)	**460 × 150 × 240 mm**
GDTF fixture type	**53DB4E64-23E7-41A6-9795-B8…**

Controls

Extra LED colours · RGB colour mixing · Strobe · Dimmer · Pixel control · Pan and tilt

Safety-relevant functions

Fixture reset

DMX modes

3Ch	3 ch
4Ch	4 ch
15Ch	15 ch
21Ch	21 ch
27Ch	27 ch
105Ch	105 ch
108Ch	108 ch
198Ch	198 ch

3Ch

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	5	0–5 Open 6–24 Strobe Min 25–54 Strobe Med 55–55 Strobe Max 56–80 Pulse Min 81–104 Pulse Med 105–105 Pulse Max 106–130 Rnd S>F strobe · Rnd Min 1–12.8 Hz 131–154 Rnd S>F strobe · Rnd Med 13.2–24.5 Hz 155–155 Rnd S>F strobe · Rnd Max 25 Hz 156–180 Pulse Open Min 181–204 Pulse Open Med 205–205 Pulse Open Max 206–229 Pulse Close Min 230–254 Pulse Close Med 255–255 Pulse Close Max
3	Tilt	128	

4Ch

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Strobe Duration	0	0–254 0MS 255–255 650 MS
3	Strobe Rate	0	0–5 No flash 6–129 5 Hz 130–254 12 Hz 255–255 25 Hz
4	Tilt	128	

15Ch

15 channels

Ch	Function	Default	DMX values
1	Tilt	128	
2	Tilt Fine	128	Fine byte of Tilt
3	Dimmer	0	0–254 Closed 255–255 Open
4	Strobe Duration	0	0–254 0MS 255–255 650 MS
5	Strobe Rate	0	0–5 No flash 6–129 5 Hz 130–254 12 Hz 255–255 25 Hz

15Ch (continued)

Ch	Function	Default	DMX values
6	Shape Selection	0	0–5 Off 6–20 FX1 21–35 FX2 36–50 FX3 51–65 FX4 66–80 FX5 81–95 FX6 96–110 FX7 111–125 FX8 126–140 FX9 141–155 FX10 156–170 FX11 171–185 FX12 186–200 FX13 201–215 FX14 216–230 FX15 231–245 FX16 246–255 Auto Run
7	Control1	0	0–0 Menu set 1–10 NoFeature 11–16 Dimmer Smooth 17–21 Dimmer Fast 22–26 LED 400Hz 27–31 LED 1200Hz 32–36 LED 2000Hz 37–41 LED 4000Hz 42–46 LED 6000Hz 47–51 LED 8000Hz 52–56 LED 16000Hz 57–61 LED 24000Hz 62–66 Linear 67–71 Square 72–77 I-Square 78–81 S-Shape 82–86 Fan Auto 87–91 Fan Silent 92–96 Fan Full 97–101 Dim 1 102–106 Dim 2 107–111 Dim 3 112–116 Dim 4 117–200 NoFeature 1 201–215 Remap Off 216–230 Remap On 231–245 Tilt Reset 246–255 NoFeature 2
8	Dimmer	0	0–254 Closed 255–255 Open
9	Strobe Duration	0	0–254 0MS 255–255 650 MS
10	Strobe Rate	0	0–5 No flash 6–129 5 Hz 130–254 12 Hz 255–255 25 Hz

15Ch (continued)

Ch	Function	Default	DMX values
11	Shape Selection	0	0–5 Off 6–20 FX1 21–35 FX2 36–50 FX3 51–65 FX4 66–80 FX5 81–95 FX6 96–110 FX7 111–125 FX8 126–140 FX9 141–155 FX10 156–170 FX11 171–185 FX12 186–200 FX13 201–215 FX14 216–230 FX15 231–245 FX16 246–255 Auto Run
12	Red	255	
13	Green	255	
14	Blue	255	
15	Color Add WW	255	

21Ch

21 channels

Ch	Function	Default	DMX values
1	Tilt	128	
2	Tilt Fine	128	Fine byte of Tilt
3	Dimmer	0	0–254 Closed 255–255 Open
4	Shutter / Strobe	5	0–5 Open 6–24 Strobe Min 25–54 Strobe Med 55–55 Strobe Max 56–80 Pulse Min 81–104 Pulse Med 105–105 Pulse Max 106–130 Rnd S>F strobe · Rnd Min 1–12.8 Hz 131–154 Rnd S>F strobe · Rnd Med 13.2–24.5 Hz 155–155 Rnd S>F strobe · Rnd Max 25 Hz 156–180 Pulse Open Min 181–204 Pulse Open Med 205–205 Pulse Open Max 206–229 Pulse Close Min 230–254 Pulse Close Med 255–255 Pulse Close Max
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add WW	255	
9	Dimmer	0	0–254 Closed 255–255 Open

21Ch (continued)

Ch	Function	Default	DMX values
10	Shutter / Strobe	5	0–5 Open 6–24 Strobe Min 25–54 Strobe Med 55–55 Strobe Max 56–80 Pulse Min 81–104 Pulse Med 105–105 Pulse Max 106–130 Rnd S>F strobe · Rnd Min 1–12.8 Hz 131–154 Rnd S>F strobe · Rnd Med 13.2–24.5 Hz 155–155 Rnd S>F strobe · Rnd Max 25 Hz 156–180 Pulse Open Min 181–204 Pulse Open Med 205–205 Pulse Open Max 206–229 Pulse Close Min 230–254 Pulse Close Med 255–255 Pulse Close Max
11	Red	255	
12	Green	255	
13	Blue	255	
14	Color Add WW	255	
15	Shape Selection	0	0–5 Off 6–20 FX1 21–35 FX2 36–50 FX3 51–65 FX4 66–80 FX5 81–95 FX6 96–110 FX7 111–125 FX8 126–140 FX9 141–155 FX10 156–170 FX11 171–185 FX12 186–200 FX13 201–215 FX14 216–230 FX15 231–245 FX16 246–255 Auto Run
16	Shape Speed	192	0–127 Index 128–191 CW F>S 192–192 Stop 193–255 CCW S>F
17	Dimmer	0	0–254 Closed 255–255 Open
18	Shutter / Strobe	5	0–5 Open 6–24 Strobe Min 25–54 Strobe Med 55–55 Strobe Max 56–80 Pulse Min 81–104 Pulse Med 105–105 Pulse Max 106–130 Rnd S>F strobe · Rnd Min 1–12.8 Hz 131–154 Rnd S>F strobe · Rnd Med 13.2–24.5 Hz 155–155 Rnd S>F strobe · Rnd Max 25 Hz 156–180 Pulse Open Min 181–204 Pulse Open Med 205–205 Pulse Open Max 206–229 Pulse Close Min 230–254 Pulse Close Med 255–255 Pulse Close Max

21Ch (continued)

Ch	Function	Default	DMX values
19	Shape Selection	0	0–5 Off 6–20 FX1 21–35 FX2 36–50 FX3 51–65 FX4 66–80 FX5 81–95 FX6 96–110 FX7 111–125 FX8 126–140 FX9 141–155 FX10 156–170 FX11 171–185 FX12 186–200 FX13 201–215 FX14 216–230 FX15 231–245 FX16 246–255 Auto Run
20	Shape Speed	192	0–127 Index 128–191 CW F>S 192–192 Stop 193–255 CCW S>F
21	Control1	0	0–0 Menu set 1–10 NoFeature 11–16 Dimmer Smooth 17–21 Dimmer Fast 22–26 LED 400Hz 27–31 LED 1200Hz 32–36 LED 2000Hz 37–41 LED 4000Hz 42–46 LED 6000Hz 47–51 LED 8000Hz 52–56 LED 16000Hz 57–61 LED 24000Hz 62–66 Linear 67–71 Square 72–77 I-Square 78–81 S-Shape 82–86 Fan Auto 87–91 Fan Silent 92–96 Fan Full 97–101 Dim 1 102–106 Dim 2 107–111 Dim 3 112–116 Dim 4 117–200 NoFeature 1 201–215 Remap Off 216–230 Remap On 231–245 Tilt Reset 246–255 NoFeature 2

27Ch

27 channels

Ch	Function	Default	DMX values
1	Tilt	128	
2	Tilt Fine	128	Fine byte of Tilt
3	Dimmer	0	0–254 Closed 255–255 Open

27Ch (continued)

Ch	Function	Default	DMX values
4	Shutter / Strobe	5	0–5 Open 6–24 Strobe Min 25–54 Strobe Med 55–55 Strobe Max 56–80 Pulse Min 81–104 Pulse Med 105–105 Pulse Max 106–130 Rnd S>F strobe · Rnd Min 1–12.8 Hz 131–154 Rnd S>F strobe · Rnd Med 13.2–24.5 Hz 155–155 Rnd S>F strobe · Rnd Max 25 Hz 156–180 Pulse Open Min 181–204 Pulse Open Med 205–205 Pulse Open Max 206–229 Pulse Close Min 230–254 Pulse Close Med 255–255 Pulse Close Max
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add WW	255	
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	Red	255	
18	Green	255	
19	Blue	255	
20	Color Add WW	255	
21	Shape Selection	0	0–5 Off 6–20 FX1 21–35 FX2 36–50 FX3 51–65 FX4 66–80 FX5 81–95 FX6 96–110 FX7 111–125 FX8 126–140 FX9 141–155 FX10 156–170 FX11 171–185 FX12 186–200 FX13 201–215 FX14 216–230 FX15 231–245 FX16 246–255 Auto Run
22	Shape Speed	192	0–127 Index 128–191 CW F>S 192–192 Stop 193–255 CCW S>F

27Ch (continued)

Ch	Function	Default	DMX values
23	Dimmer	0	0–254 Closed 255–255 Open
24	Shutter / Strobe	5	0–5 Open 6–24 Strobe Min 25–54 Strobe Med 55–55 Strobe Max 56–80 Pulse Min 81–104 Pulse Med 105–105 Pulse Max 106–130 Rnd S>F strobe · Rnd Min 1–12.8 Hz 131–154 Rnd S>F strobe · Rnd Med 13.2–24.5 Hz 155–155 Rnd S>F strobe · Rnd Max 25 Hz 156–180 Pulse Open Min 181–204 Pulse Open Med 205–205 Pulse Open Max 206–229 Pulse Close Min 230–254 Pulse Close Med 255–255 Pulse Close Max
25	Shape Selection	0	0–5 Off 6–20 FX1 21–35 FX2 36–50 FX3 51–65 FX4 66–80 FX5 81–95 FX6 96–110 FX7 111–125 FX8 126–140 FX9 141–155 FX10 156–170 FX11 171–185 FX12 186–200 FX13 201–215 FX14 216–230 FX15 231–245 FX16 246–255 Auto Run
26	Shape Speed	192	0–127 Index 128–191 CW F>S 192–192 Stop 193–255 CCW S>F

27Ch (continued)

Ch	Function	Default	DMX values
27	Control1	0	0–0 Menu set 1–10 NoFeature 11–16 Dimmer Smooth 17–21 Dimmer Fast 22–26 LED 400Hz 27–31 LED 1200Hz 32–36 LED 2000Hz 37–41 LED 4000Hz 42–46 LED 6000Hz 47–51 LED 8000Hz 52–56 LED 16000Hz 57–61 LED 24000Hz 62–66 Linear 67–71 Square 72–77 I-Square 78–81 S-Shape 82–86 Fan Auto 87–91 Fan Silent 92–96 Fan Full 97–101 Dim 1 102–106 Dim 2 107–111 Dim 3 112–116 Dim 4 117–200 NoFeature 1 201–215 Remap Off 216–230 Remap On 231–245 Tilt Reset 246–255 NoFeature 2

105Ch

105 channels

Ch	Function	Default	DMX values
1	Tilt	128	
2	Tilt Fine	128	Fine byte of Tilt
3	Dimmer	0	
4	Shutter / Strobe	5	0–5 Open 6–24 Strobe Min 25–54 Strobe Med 55–55 Strobe Max 56–80 Pulse Min 81–104 Pulse Med 105–105 Pulse Max 106–130 Rnd S>F strobe · Rnd Min 1–12.8 Hz 131–154 Rnd S>F strobe · Rnd Med 13.2–24.5 Hz 155–155 Rnd S>F strobe · Rnd Max 25 Hz 156–180 Pulse Open Min 181–204 Pulse Open Med 205–205 Pulse Open Max 206–229 Pulse Close Min 230–254 Pulse Close Med 255–255 Pulse Close Max
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add WW	255	
9	Reserved 9	0	
10	Reserved 10	0	

105Ch (continued)

Ch	Function	Default	DMX values
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	Reserved 19	0	
20	Reserved 20	0	
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	
48	Reserved 48	0	
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	

105Ch (continued)

Ch	Function	Default	DMX values
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	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	
91	Reserved 91	0	
92	Reserved 92	0	
93	Reserved 93	0	
94	Reserved 94	0	
95	Reserved 95	0	
96	Reserved 96	0	
97	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	

105Ch (continued)

Ch	Function	Default	DMX values
101	Dimmer	0	
102	Shutter / Strobe	5	0–5 Open 6–24 Strobe Min 25–54 Strobe Med 55–55 Strobe Max 56–80 Pulse Min 81–104 Pulse Med 105–105 Pulse Max 106–130 Rnd S>F strobe · Rnd Min 1–12.8 Hz 131–154 Rnd S>F strobe · Rnd Med 13.2–24.5 Hz 155–155 Rnd S>F strobe · Rnd Max 25 Hz 156–180 Pulse Open Min 181–204 Pulse Open Med 205–205 Pulse Open Max 206–229 Pulse Close Min 230–254 Pulse Close Med 255–255 Pulse Close Max
103	Shape Selection	0	
104	Shape Speed	192	
105	Control1	0	

108Ch

108 channels

Ch	Function	Default	DMX values
1	Tilt	128	
2	Tilt Fine	128	Fine byte of Tilt
3	Dimmer	0	
4	Shutter / Strobe	5	0–5 Open 6–24 Strobe Min 25–54 Strobe Med 55–55 Strobe Max 56–80 Pulse Min 81–104 Pulse Med 105–105 Pulse Max 106–130 Rnd S>F strobe · Rnd Min 1–12.8 Hz 131–154 Rnd S>F strobe · Rnd Med 13.2–24.5 Hz 155–155 Rnd S>F strobe · Rnd Max 25 Hz 156–180 Pulse Open Min 181–204 Pulse Open Med 205–205 Pulse Open Max 206–229 Pulse Close Min 230–254 Pulse Close Med 255–255 Pulse Close Max
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add WW	255	
9	Shape Selection	0	
10	Shape Speed	192	
11	Dimmer	255	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	

108Ch (continued)

Ch	Function	Default	DMX values
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
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	
48	Reserved 48	0	
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	

108Ch (continued)

Ch	Function	Default	DMX values
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	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	
91	Reserved 91	0	
92	Reserved 92	0	
93	Reserved 93	0	
94	Reserved 94	0	
95	Reserved 95	0	
96	Reserved 96	0	
97	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	
101	Reserved 101	0	
102	Reserved 102	0	
103	Reserved 103	0	
104	Reserved 104	0	
105	Reserved 105	0	

108Ch (continued)

Ch	Function	Default	DMX values
106	Reserved 106	0	
107	Shutter / Strobe	5	0–5 Open 6–24 Strobe Min 25–54 Strobe Med 55–55 Strobe Max 56–80 Pulse Min 81–104 Pulse Med 105–105 Pulse Max 106–130 Rnd S>F strobe · Rnd Min 1–12.8 Hz 131–154 Rnd S>F strobe · Rnd Med 13.2–24.5 Hz 155–155 Rnd S>F strobe · Rnd Max 25 Hz 156–180 Pulse Open Min 181–204 Pulse Open Med 205–205 Pulse Open Max 206–229 Pulse Close Min 230–254 Pulse Close Med 255–255 Pulse Close Max
108	Control1	0	

198Ch

198 channels

Ch	Function	Default	DMX values
1	Tilt	128	
2	Tilt Fine	128	Fine byte of Tilt
3	Dimmer	255	
4	Shutter / Strobe	5	0–5 Open 6–24 Strobe Min 25–54 Strobe Med 55–55 Strobe Max 56–80 Pulse Min 81–104 Pulse Med 105–105 Pulse Max 106–130 Rnd S>F strobe · Rnd Min 1–12.8 Hz 131–154 Rnd S>F strobe · Rnd Med 13.2–24.5 Hz 155–155 Rnd S>F strobe · Rnd Max 25 Hz 156–180 Pulse Open Min 181–204 Pulse Open Med 205–205 Pulse Open Max 206–229 Pulse Close Min 230–254 Pulse Close Med 255–255 Pulse Close Max
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add WW	255	
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	

198Ch (continued)

Ch	Function	Default	DMX values
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
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	
48	Reserved 48	0	
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	

198Ch (continued)

Ch	Function	Default	DMX values
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	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	
91	Reserved 91	0	
92	Reserved 92	0	
93	Reserved 93	0	
94	Reserved 94	0	
95	Reserved 95	0	
96	Reserved 96	0	
97	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	
101	Dimmer	0	
102	Reserved 102	0	
103	Reserved 103	0	
104	Reserved 104	0	
105	Reserved 105	0	
106	Reserved 106	0	
107	Reserved 107	0	

198Ch (continued)

Ch	Function	Default	DMX values
108	Reserved 108	0	
109	Reserved 109	0	
110	Reserved 110	0	
111	Reserved 111	0	
112	Reserved 112	0	
113	Reserved 113	0	
114	Reserved 114	0	
115	Reserved 115	0	
116	Reserved 116	0	
117	Reserved 117	0	
118	Reserved 118	0	
119	Reserved 119	0	
120	Reserved 120	0	
121	Reserved 121	0	
122	Reserved 122	0	
123	Reserved 123	0	
124	Reserved 124	0	
125	Reserved 125	0	
126	Reserved 126	0	
127	Reserved 127	0	
128	Reserved 128	0	
129	Reserved 129	0	
130	Reserved 130	0	
131	Reserved 131	0	
132	Reserved 132	0	
133	Reserved 133	0	
134	Reserved 134	0	
135	Reserved 135	0	
136	Reserved 136	0	
137	Reserved 137	0	
138	Reserved 138	0	
139	Reserved 139	0	
140	Reserved 140	0	
141	Reserved 141	0	
142	Reserved 142	0	
143	Reserved 143	0	
144	Reserved 144	0	
145	Reserved 145	0	
146	Reserved 146	0	
147	Reserved 147	0	
148	Reserved 148	0	
149	Reserved 149	0	
150	Reserved 150	0	
151	Reserved 151	0	
152	Reserved 152	0	

198Ch (continued)

Ch	Function	Default	DMX values
153	Reserved 153	0	
154	Reserved 154	0	
155	Reserved 155	0	
156	Reserved 156	0	
157	Reserved 157	0	
158	Reserved 158	0	
159	Reserved 159	0	
160	Reserved 160	0	
161	Reserved 161	0	
162	Reserved 162	0	
163	Reserved 163	0	
164	Reserved 164	0	
165	Reserved 165	0	
166	Reserved 166	0	
167	Reserved 167	0	
168	Reserved 168	0	
169	Reserved 169	0	
170	Reserved 170	0	
171	Reserved 171	0	
172	Reserved 172	0	
173	Reserved 173	0	
174	Reserved 174	0	
175	Reserved 175	0	
176	Reserved 176	0	
177	Reserved 177	0	
178	Reserved 178	0	
179	Reserved 179	0	
180	Reserved 180	0	
181	Reserved 181	0	
182	Reserved 182	0	
183	Reserved 183	0	
184	Reserved 184	0	
185	Reserved 185	0	
186	Reserved 186	0	
187	Reserved 187	0	
188	Reserved 188	0	
189	Reserved 189	0	
190	Reserved 190	0	
191	Reserved 191	0	
192	Reserved 192	0	
193	Reserved 193	0	
194	Reserved 194	0	
195	Reserved 195	0	
196	Reserved 196	0	

198Ch (continued)

Ch	Function	Default	DMX values
197	Shutter / Strobe	5	0–5 Open 6–24 Strobe Min 25–54 Strobe Med 55–55 Strobe Max 56–80 Pulse Min 81–104 Pulse Med 105–105 Pulse Max 106–130 Rnd S>F strobe · Rnd Min 1–12.8 Hz 131–154 Rnd S>F strobe · Rnd Med 13.2–24.5 Hz 155–155 Rnd S>F strobe · Rnd Max 25 Hz 156–180 Pulse Open Min 181–204 Pulse Open Med 205–205 Pulse Open Max 206–229 Pulse Close Min 230–254 Pulse Close Med 255–255 Pulse Close Max
198	Control1	0	