CLF Lighting

Stinger



Manufacturer	**CLF Lighting**
Type	**Moving head**
DMX modes	**5**
DMX footprint	**21, 22, 26, 158 channels**
Beam angle	**6-100°**
Pan range	**540°**
Tilt range	**450°**
Heads / cells	**2**
Size (W × H × D)	**331 × 205 × 324 mm**
GDTF fixture type	**F3B7018C-3E46-4794-A320-685…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

21ch	21 ch
22+144ch	22 ch
22+144ch parameter optimized	22 ch
166ch	26 ch
206ch	158 ch

21ch

21 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–254 Fast 255–255 Slow
6	Pan Rotate	0	0–127 PAN Position 128–159 CW PAN Fast 160–190 CW PAN Medium 191–191 CW PAN Slow 192–223 CCW PAN Slow 224–254 CCW PAN Medium 255–255 CCW PAN Fast
7	Tilt Rotate	0	0–127 TILT Position 128–159 CW TILT Fast 160–190 CW TILT Medium 191–191 CW TILT Slow 192–223 CCW TILT Slow 224–254 CCW TILT Medium 255–255 CCW TILT Fast
8	Control1	0	0–49 No function 50–59 Enable Move in Black 60–69 Disable Move in Black 70–79 Reset Fixture 80–255 No function
9	Dimmer	0	0–254 Closed 255–255 Open
10	Dimmer Fine	0	Fine byte of Dimmer
11	Shutter / Strobe	12	0–7 Closed 8–15 Open 16–72 Slow Strobe 73–130 Medium Strobe 131–131 Fast Strobe 132–139 Open 140–159 Slow Pulse Open 160–180 Medium Pulse Open 181–181 Fast Pulse Open 182–189 Open 190–209 Slow Pulse Close 210–230 Medium Pulse Close 231–231 Fast Pulse Close 232–239 Open 240–243 Slow Rndm Strobe 244–246 Medium Rndm Strobe 247–247 Fast Rndm Strobe 248–255 Open
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	0	
16	Effect	31	0–14 Blackout 15–47 Full On 48–95 Effect 96–135 Number 136–175 Letter A-Z 176–215 Letter a-z 216–255 Blackout

21ch (continued)

Ch	Function	Default	DMX values
17	Effect 2	0	0–7 No function 8–15 Effect 1 16–21 Effect 2 22–23 A 24–25 Effect 3 26–30 0 31–31 B 32–39 Effect 4 40–47 Effect 5 48–48 Effect 6 49–55 1 56–57 Effect 7 58–63 E 64–66 Effect 8 67–71 F 72–75 Effect 9 76–79 G 80–84 Effect 10 85–87 H 88–93 Effect 11 94–94 I 95–95 3 96–102 Effect 12 103–103 J 104–111 Effect 13 112–117 Effect 14 118–119 4 120–120 Effect 15 121–127 L 128–129 Effect 16 130–135 M 136–138 Effect 17 139–140 N 141–143 5 144–147 Effect 18 148–151 O 152–156 Effect 19 157–159 P 160–163 Effect 20 164–165 6 166–167 Q 168–174 Effect 21 175–175 R 176–183 Effect 22 184–186 Effect 23 187–191 7 192–192 Effect 24 193–199 T 200–201 Effect 25 202–207 U 208–209 Effect 26 210–210 8 211–215 V 216–219 Effect 27 220–223 W 224–228 Effect 28 229–231 X 232–232 Effect 29 233–237 9 238–239 Y 240–246 Effect 30 247–247 Z 248–255 Effect 31

21ch (continued)

Ch	Function	Default	DMX values
18	Effect 3	0	0–10 Off 11–63 Slow open slow close 64–73 Off 74–127 Fast open fast close 128–137 Off 138–191 Slow open fast close 192–201 Off 202–255 Fast open slow close
19	Effect 4	255	0–11 Patent 1 12–23 Patent 2 24–35 Patent 3 36–47 Patent 4 48–59 Patent 5 60–71 Patent 6 72–83 Patent 7 84–95 Patent 8 96–107 Patent 9 108–119 Patent 10 120–131 Patent 11 132–143 Patent 12 144–155 Patent 13 156–167 Patent 14 168–179 Patent 15 180–191 Patent 16 192–203 Patent 17 204–215 Patent 18 216–227 Patent 19 228–239 Patent 20 240–255 Close
20	Dimmer	0	0–254 Closed 255–255 Open
21	Shutter / Strobe	0	0–12 Open 13–25 Closed 26–50 Slow Strobe 51–75 Medium Strobe 76–76 Fast Strobe 77–101 Slow Pulse Open 102–126 Medium Pulse Open 127–127 Fast Pulse Open 128–152 Slow Pulse Close 153–177 Medium Pulse Close 178–178 Fast Pulse Close 179–209 Slow Rndm Strobe 210–241 Medium Rndm Strobe 242–242 Fast Rndm Strobe 243–255 Open

22+144ch

22 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–254 Fast 255–255 Slow

22+144ch (continued)

Ch	Function	Default	DMX values
6	Pan Rotate	0	0–127 PAN Position 128–159 CW PAN Fast 160–190 CW PAN Medium 191–191 CW PAN Slow 192–223 CCW PAN Slow 224–254 CCW PAN Medium 255–255 CCW PAN Fast
7	Tilt Rotate	0	0–127 TILT Position 128–159 CW TILT Fast 160–190 CW TILT Medium 191–191 CW TILT Slow 192–223 CCW TILT Slow 224–254 CCW TILT Medium 255–255 CCW TILT Fast
8	Control1	0	0–49 No function 50–59 Enable Move in Black 60–69 Disable Move in Black 70–79 Reset Fixture 80–255 No function
9	Dimmer	0	0–254 Closed 255–255 Open
10	Dimmer Fine	0	Fine byte of Dimmer
11	Shutter / Strobe	12	0–7 Closed 8–15 Open 16–72 Slow Strobe 73–130 Medium Strobe 131–131 Fast Strobe 132–139 Open 140–159 Slow Pulse Open 160–180 Medium Pulse Open 181–181 Fast Pulse Open 182–189 Open 190–209 Slow Pulse Close 210–230 Medium Pulse Close 231–231 Fast Pulse Close 232–239 Open 240–243 Slow Rndm Strobe 244–246 Medium Rndm Strobe 247–247 Fast Rndm Strobe 248–255 Open
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	0	
16	R GBWEffect Switch	0	0–63 No Input 64–127 Console 128–191 Media Server 192–192 Console 193–254 Mix 255–255 Media Server
17	Effect	31	0–14 Blackout 15–47 Full On 48–95 Effect 96–135 Number 136–175 Letter A-Z 176–215 Letter a-z 216–255 Blackout

22+144ch (continued)

Ch	Function	Default	DMX values
18	Effect 2	0	0–7 No function 8–15 Effect 1 16–21 Effect 2 22–23 A 24–25 Effect 3 26–30 0 31–31 B 32–39 Effect 4 40–47 Effect 5 48–48 Effect 6 49–55 1 56–57 Effect 7 58–63 E 64–66 Effect 8 67–71 F 72–75 Effect 9 76–79 G 80–84 Effect 10 85–87 H 88–93 Effect 11 94–94 I 95–95 3 96–102 Effect 12 103–103 J 104–111 Effect 13 112–117 Effect 14 118–119 4 120–120 Effect 15 121–127 L 128–129 Effect 16 130–135 M 136–138 Effect 17 139–140 N 141–143 5 144–147 Effect 18 148–151 O 152–156 Effect 19 157–159 P 160–163 Effect 20 164–165 6 166–167 Q 168–174 Effect 21 175–175 R 176–183 Effect 22 184–186 Effect 23 187–191 7 192–192 Effect 24 193–199 T 200–201 Effect 25 202–207 U 208–209 Effect 26 210–210 8 211–215 V 216–219 Effect 27 220–223 W 224–228 Effect 28 229–231 X 232–232 Effect 29 233–237 9 238–239 Y 240–246 Effect 30 247–247 Z 248–255 Effect 31

22+144ch (continued)

Ch	Function	Default	DMX values
19	Effect 3	0	0–10 Off 11–63 Slow open slow close 64–73 Off 74–127 Fast open fast close 128–137 Off 138–191 Slow open fast close 192–201 Off 202–255 Fast open slow close
20	Effect 4	255	0–11 Patent 1 12–23 Patent 2 24–35 Patent 3 36–47 Patent 4 48–59 Patent 5 60–71 Patent 6 72–83 Patent 7 84–95 Patent 8 96–107 Patent 9 108–119 Patent 10 120–131 Patent 11 132–143 Patent 12 144–155 Patent 13 156–167 Patent 14 168–179 Patent 15 180–191 Patent 16 192–203 Patent 17 204–215 Patent 18 216–227 Patent 19 228–239 Patent 20 240–255 Close
21	Dimmer	0	0–254 Closed 255–255 Open
22	Shutter / Strobe	0	0–12 Open 13–25 Closed 26–50 Slow Strobe 51–75 Medium Strobe 76–76 Fast Strobe 77–101 Slow Pulse Open 102–126 Medium Pulse Open 127–127 Fast Pulse Open 128–152 Slow Pulse Close 153–177 Medium Pulse Close 178–178 Fast Pulse Close 179–209 Slow Rndm Strobe 210–241 Medium Rndm Strobe 242–242 Fast Rndm Strobe 243–255 Open

22+144ch parameter optimized

22 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–254 Fast 255–255 Slow

22+144ch parameter optimized (continued)

Ch	Function	Default	DMX values
6	Pan Rotate	0	0–127 PAN Position 128–159 CW PAN Fast 160–190 CW PAN Medium 191–191 CW PAN Slow 192–223 CCW PAN Slow 224–254 CCW PAN Medium 255–255 CCW PAN Fast
7	Tilt Rotate	0	0–127 TILT Position 128–159 CW TILT Fast 160–190 CW TILT Medium 191–191 CW TILT Slow 192–223 CCW TILT Slow 224–254 CCW TILT Medium 255–255 CCW TILT Fast
8	Control1	0	0–49 No function 50–59 Enable Move in Black 60–69 Disable Move in Black 70–79 Reset Fixture 80–255 No function
9	Dimmer	0	0–254 Closed 255–255 Open
10	Dimmer Fine	0	Fine byte of Dimmer
11	Shutter / Strobe	12	0–7 Closed 8–15 Open 16–72 Slow Strobe 73–130 Medium Strobe 131–131 Fast Strobe 132–139 Open 140–159 Slow Pulse Open 160–180 Medium Pulse Open 181–181 Fast Pulse Open 182–189 Open 190–209 Slow Pulse Close 210–230 Medium Pulse Close 231–231 Fast Pulse Close 232–239 Open 240–243 Slow Rndm Strobe 244–246 Medium Rndm Strobe 247–247 Fast Rndm Strobe 248–255 Open
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	0	
16	R GBWEffect Switch	0	0–63 No Input 64–127 Console 128–191 Media Server 192–192 Console 193–254 Mix 255–255 Media Server
17	Effect	31	0–14 Blackout 15–47 Full On 48–95 Effect 96–135 Number 136–175 Letter A-Z 176–215 Letter a-z 216–255 Blackout

22+144ch parameter optimized (continued)

Ch	Function	Default	DMX values
18	Effect 2	0	0–7 No function 8–15 Effect 1 16–21 Effect 2 22–23 A 24–25 Effect 3 26–30 0 31–31 B 32–39 Effect 4 40–47 Effect 5 48–48 Effect 6 49–55 1 56–57 Effect 7 58–63 E 64–66 Effect 8 67–71 F 72–75 Effect 9 76–79 G 80–84 Effect 10 85–87 H 88–93 Effect 11 94–94 I 95–95 3 96–102 Effect 12 103–103 J 104–111 Effect 13 112–117 Effect 14 118–119 4 120–120 Effect 15 121–127 L 128–129 Effect 16 130–135 M 136–138 Effect 17 139–140 N 141–143 5 144–147 Effect 18 148–151 O 152–156 Effect 19 157–159 P 160–163 Effect 20 164–165 6 166–167 Q 168–174 Effect 21 175–175 R 176–183 Effect 22 184–186 Effect 23 187–191 7 192–192 Effect 24 193–199 T 200–201 Effect 25 202–207 U 208–209 Effect 26 210–210 8 211–215 V 216–219 Effect 27 220–223 W 224–228 Effect 28 229–231 X 232–232 Effect 29 233–237 9 238–239 Y 240–246 Effect 30 247–247 Z 248–255 Effect 31

22+144ch parameter optimized (continued)

Ch	Function	Default	DMX values
19	Effect 3	0	0–10 Off 11–63 Slow open slow close 64–73 Off 74–127 Fast open fast close 128–137 Off 138–191 Slow open fast close 192–201 Off 202–255 Fast open slow close
20	Effect 4	255	0–11 Patent 1 12–23 Patent 2 24–35 Patent 3 36–47 Patent 4 48–59 Patent 5 60–71 Patent 6 72–83 Patent 7 84–95 Patent 8 96–107 Patent 9 108–119 Patent 10 120–131 Patent 11 132–143 Patent 12 144–155 Patent 13 156–167 Patent 14 168–179 Patent 15 180–191 Patent 16 192–203 Patent 17 204–215 Patent 18 216–227 Patent 19 228–239 Patent 20 240–255 Close
21	Dimmer	0	0–254 Closed 255–255 Open
22	Shutter / Strobe	0	0–12 Open 13–25 Closed 26–50 Slow Strobe 51–75 Medium Strobe 76–76 Fast Strobe 77–101 Slow Pulse Open 102–126 Medium Pulse Open 127–127 Fast Pulse Open 128–152 Slow Pulse Close 153–177 Medium Pulse Close 178–178 Fast Pulse Close 179–209 Slow Rndm Strobe 210–241 Medium Rndm Strobe 242–242 Fast Rndm Strobe 243–255 Open

166ch

26 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–254 Fast 255–255 Slow

166ch (continued)

Ch	Function	Default	DMX values
6	Pan Rotate	0	0–127 PAN Position 128–159 CW PAN Fast 160–190 CW PAN Medium 191–191 CW PAN Slow 192–223 CCW PAN Slow 224–254 CCW PAN Medium 255–255 CCW PAN Fast
7	Tilt Rotate	0	0–127 TILT Position 128–159 CW TILT Fast 160–190 CW TILT Medium 191–191 CW TILT Slow 192–223 CCW TILT Slow 224–254 CCW TILT Medium 255–255 CCW TILT Fast
8	Control1	0	0–49 No function 50–59 Enable Move in Black 60–69 Disable Move in Black 70–79 Reset Fixture 80–255 No function
9	Dimmer	0	0–254 Closed 255–255 Open
10	Dimmer Fine	0	Fine byte of Dimmer
11	Shutter / Strobe	12	0–7 Closed 8–15 Open 16–72 Slow Strobe 73–130 Medium Strobe 131–131 Fast Strobe 132–139 Open 140–159 Slow Pulse Open 160–180 Medium Pulse Open 181–181 Fast Pulse Open 182–189 Open 190–209 Slow Pulse Close 210–230 Medium Pulse Close 231–231 Fast Pulse Close 232–239 Open 240–243 Slow Rndm Strobe 244–246 Medium Rndm Strobe 247–247 Fast Rndm Strobe 248–255 Open
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	0	
16	R GBWEffect Switch	0	0–63 No Input 64–127 Console 128–191 Media Server 192–192 Console 193–254 Mix 255–255 Media Server
17	Effect	31	0–14 Blackout 15–47 Full On 48–95 Effect 96–135 Number 136–175 Letter A-Z 176–215 Letter a-z 216–255 Blackout

166ch (continued)

Ch	Function	Default	DMX values
18	Effect 2	0	0–7 No function 8–15 Effect 1 16–21 Effect 2 22–23 A 24–25 Effect 3 26–30 0 31–31 B 32–39 Effect 4 40–47 Effect 5 48–48 Effect 6 49–55 1 56–57 Effect 7 58–63 E 64–66 Effect 8 67–71 F 72–75 Effect 9 76–79 G 80–84 Effect 10 85–87 H 88–93 Effect 11 94–94 I 95–95 3 96–102 Effect 12 103–103 J 104–111 Effect 13 112–117 Effect 14 118–119 4 120–120 Effect 15 121–127 L 128–129 Effect 16 130–135 M 136–138 Effect 17 139–140 N 141–143 5 144–147 Effect 18 148–151 O 152–156 Effect 19 157–159 P 160–163 Effect 20 164–165 6 166–167 Q 168–174 Effect 21 175–175 R 176–183 Effect 22 184–186 Effect 23 187–191 7 192–192 Effect 24 193–199 T 200–201 Effect 25 202–207 U 208–209 Effect 26 210–210 8 211–215 V 216–219 Effect 27 220–223 W 224–228 Effect 28 229–231 X 232–232 Effect 29 233–237 9 238–239 Y 240–246 Effect 30 247–247 Z 248–255 Effect 31

166ch (continued)

Ch	Function	Default	DMX values
19	Effect 3	0	0–10 Off 11–63 Slow open slow close 64–73 Off 74–127 Fast open fast close 128–137 Off 138–191 Slow open fast close 192–201 Off 202–255 Fast open slow close
20	Effect 4	255	0–11 Patent 1 12–23 Patent 2 24–35 Patent 3 36–47 Patent 4 48–59 Patent 5 60–71 Patent 6 72–83 Patent 7 84–95 Patent 8 96–107 Patent 9 108–119 Patent 10 120–131 Patent 11 132–143 Patent 12 144–155 Patent 13 156–167 Patent 14 168–179 Patent 15 180–191 Patent 16 192–203 Patent 17 204–215 Patent 18 216–227 Patent 19 228–239 Patent 20 240–255 Close
21	Dimmer	0	0–254 Closed 255–255 Open
22	Shutter / Strobe	0	0–12 Open 13–25 Closed 26–50 Slow Strobe 51–75 Medium Strobe 76–76 Fast Strobe 77–101 Slow Pulse Open 102–126 Medium Pulse Open 127–127 Fast Pulse Open 128–152 Slow Pulse Close 153–177 Medium Pulse Close 178–178 Fast Pulse Close 179–209 Slow Rndm Strobe 210–241 Medium Rndm Strobe 242–242 Fast Rndm Strobe 243–255 Open
23	Red	255	
24	Green	255	
25	Blue	255	
26	White	0	

206ch

158 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	

206ch (continued)

Ch	Function	Default	DMX values
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Pan Rotate	0	
7	Tilt Rotate	0	
8	Control1	0	
9	Dimmer	0	
10	Dimmer Fine	0	Fine byte of Dimmer
11	Shutter / Strobe	12	0–7 Closed 8–15 Open 16–72 Slow Strobe 73–130 Medium Strobe 131–131 Fast Strobe 132–139 Open 140–159 Slow Pulse Open 160–180 Medium Pulse Open 181–181 Fast Pulse Open 182–189 Open 190–209 Slow Pulse Close 210–230 Medium Pulse Close 231–231 Fast Pulse Close 232–239 Open 240–243 Slow Rndm Strobe 244–246 Medium Rndm Strobe 247–247 Fast Rndm Strobe 248–255 Open
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	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	

206ch (continued)

Ch	Function	Default	DMX values
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	
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	

206ch (continued)

Ch	Function	Default	DMX values
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	
106	Reserved 106	0	
107	Reserved 107	0	
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	

206ch (continued)

Ch	Function	Default	DMX values
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	
153	Reserved 153	0	
154	Reserved 154	0	
155	Reserved 155	0	
156	Dimmer	0	
157	Shutter / Strobe	0	0–12 Open 13–25 Closed 26–50 Slow Strobe 51–75 Medium Strobe 76–76 Fast Strobe 77–101 Slow Pulse Open 102–126 Medium Pulse Open 127–127 Fast Pulse Open 128–152 Slow Pulse Close 153–177 Medium Pulse Close 178–178 Fast Pulse Close 179–209 Slow Rndm Strobe 210–241 Medium Rndm Strobe 242–242 Fast Rndm Strobe 243–255 Open
158	Dimmer	0	