CLF Lighting

LEDBar Pro



Manufacturer	**CLF Lighting**
Type	**LED bar**
DMX modes	**7**
DMX footprint	**4, 6, 8, 11, 12, 47 channels**
Beam angle	**25°**
Size (W × H × D)	**1000 × 200 × 168 mm**
GDTF fixture type	**FB488EE8-C758-440E-837E-72B…**

Controls

Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Service functions

DMX modes

4 Channel	4 ch
40 Channel	4 ch
6 Channel	6 ch
18 channel	8 ch
11 Channel	11 ch
12 channel	12 ch
47 Channel	47 ch

4 Channel

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	

40 Channel

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	

6 Channel

6 channels

Ch	Function	Default	DMX values

6 Channel (continued)

Ch	Function	Default	DMX values
1	Shutter / Strobe	20	0–19 Shutter closed 20–24 Shutter open 25–25 Strobe · Str Max 20 Hz 26–63 Strobe · Fast to Slow 19.5–1.39 Hz 64–64 Strobe · Str Min 0.9 Hz 65–69 Open 70–70 Str Pulse Close Fast 71–83 StrobePulseClose 1 · Fast to Slow 4.69–0.914 Hz 84–84 Str Pulse Close Slow 85–89 Open 90–90 Str Pulse Open Fast 91–103 StrobePulseOpen · Fast to Slow 4.69–0.914 Hz 104–104 Str Pulse Open Closed 105–109 Open 110–110 StrobeRandom · Str Rnd Fast 20 Hz 111–123 StrobeRandom · Fast to Slow 18.6–2.36 Hz 124–124 StrobeRandom · Str Rnd Slow 1 Hz 125–129 Open 130–130 Pulse Rnd Close Fast 131–143 Fast to Slow 144–144 Pulse Rnd Close Slow 145–149 Open 150–150 Pulse Rnd Open Fast 151–163 StrobeRandomPulseOpen · from Fast to Slow 9.36… 164–164 Pulse Rnd Open Slow 165–169 Open 170–170 StrobeBurstPulse · Burst Fast 20 Hz 171–183 StrobeBurstPulse · Fast to Slow 18.6–2.36 Hz 184–184 StrobeBurstPulse · Burst slow 1 Hz 185–189 Open 190–190 StrobeRandomBurstPulse · Burst Rnd Fast 15 Hz 191–203 StrobeRandomBurstPulse · Fast to Slow 14–2 Hz 204–204 StrobeRandomBurstPulse · Burst Rnd Slow 1 Hz 205–209 Open 210–210 StrobePulse Fast 211–223 StrobePulse · Fast to slow 1.88–0.421 Hz 224–224 StrobePulse Slow 225–229 Open 230–230 StrobeBurst · Burst 2 Fast 20 Hz 231–243 StrobeBurst · Fast to Slow 18.6–2.36 Hz 244–244 StrobeBurst · Burst 2 Slow 1 Hz 245–255 Open
2	Dimmer	0	
3	Red	255	
4	Green	255	
5	Blue	255	
6	White	0	

18 channel

8 channels

Ch	Function	Default	DMX values

18 channel (continued)

Ch	Function	Default	DMX values
1	Shutter / Strobe	20	0–19 Shutter closed 20–24 Shutter open 25–25 Strobe · Str Max 20 Hz 26–63 Strobe · Fast to Slow 19.5–1.39 Hz 64–64 Strobe · Str Min 0.9 Hz 65–69 Open 70–70 Str Pulse Close Fast 71–83 StrobePulseClose 1 · Fast to Slow 4.69–0.914 Hz 84–84 Str Pulse Close Slow 85–89 Open 90–90 Str Pulse Open Fast 91–103 StrobePulseOpen · Fast to Slow 4.69–0.914 Hz 104–104 Str Pulse Open Closed 105–109 Open 110–110 StrobeRandom · Str Rnd Fast 20 Hz 111–123 StrobeRandom · Fast to Slow 18.6–2.36 Hz 124–124 StrobeRandom · Str Rnd Slow 1 Hz 125–129 Open 130–130 Pulse Rnd Close Fast 131–143 Fast to Slow 144–144 Pulse Rnd Close Slow 145–149 Open 150–150 Pulse Rnd Open Fast 151–163 StrobeRandomPulseOpen · from Fast to Slow 9.36… 164–164 Pulse Rnd Open Slow 165–169 Open 170–170 StrobeBurstPulse · Burst Fast 20 Hz 171–183 StrobeBurstPulse · Fast to Slow 18.6–2.36 Hz 184–184 StrobeBurstPulse · Burst slow 1 Hz 185–189 Open 190–190 StrobeRandomBurstPulse · Burst Rnd Fast 15 Hz 191–203 StrobeRandomBurstPulse · Fast to Slow 14–2 Hz 204–204 StrobeRandomBurstPulse · Burst Rnd Slow 1 Hz 205–209 Open 210–210 StrobePulse Fast 211–223 StrobePulse · Fast to slow 1.88–0.421 Hz 224–224 StrobePulse Slow 225–229 Open 230–230 StrobeBurst · Burst 2 Fast 20 Hz 231–243 StrobeBurst · Fast to Slow 18.6–2.36 Hz 244–244 StrobeBurst · Burst 2 Slow 1 Hz 245–255 Open
2	Dimmer	255	

18 channel (continued)

Ch	Function	Default	DMX values
3	Control1	0	0–44 No function 45–49 Dimmer off (3sec) 50–54 No function 55–59 Dimmer Curve 1 (3sec) 60–64 Dimmer Curve 2 (3sec) 65–69 Dimmer Curve 3 (3sec) 70–74 Dimmer Curve 4 (3sec) 75–89 No function 90–94 Calibrated color output mode - COLOR Calib = ON (3... 95–99 Manual calibration output mode - Manual calibration... 100–104 Raw color output mode - COLOR CALIB = OFF (3sec) 105–129 No function 130–134 600Hz refresh rate 135–139 1200Hz refersh rate 140–144 4800Hz refresh rate 145–149 9600Hz refresh rate 150–154 No function 155–159 WDMX - ON (3sec) 160–164 No function 165–169 WDMX - OFF (3sec) 170–174 No function 175–179 WDMX - Reset (3sec) 180–249 No function 250–255 Illuminate display
4	Color Macro1	0	0–215 Color wheel rotation effret 216–255 CTC 10000K - 2800K
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	0	

11 Channel

11 channels

Ch	Function	Default	DMX values

11 Channel (continued)

Ch	Function	Default	DMX values
1	Shutter / Strobe	20	0–19 Shutter closed 20–24 Shutter open 25–25 Strobe · Str Max 20 Hz 26–63 Strobe · Fast to Slow 19.5–1.39 Hz 64–64 Strobe · Str Min 0.9 Hz 65–69 Open 70–70 Str Pulse Close Fast 71–83 StrobePulseClose 1 · Fast to Slow 4.69–0.914 Hz 84–84 Str Pulse Close Slow 85–89 Open 90–90 Str Pulse Open Fast 91–103 StrobePulseOpen · Fast to Slow 4.69–0.914 Hz 104–104 Str Pulse Open Closed 105–109 Open 110–110 StrobeRandom · Str Rnd Fast 20 Hz 111–123 StrobeRandom · Fast to Slow 18.6–2.36 Hz 124–124 StrobeRandom · Str Rnd Slow 1 Hz 125–129 Open 130–130 Pulse Rnd Close Fast 131–143 Fast to Slow 144–144 Pulse Rnd Close Slow 145–149 Open 150–150 Pulse Rnd Open Fast 151–163 StrobeRandomPulseOpen · from Fast to Slow 9.36… 164–164 Pulse Rnd Open Slow 165–169 Open 170–170 StrobeBurstPulse · Burst Fast 20 Hz 171–183 StrobeBurstPulse · Fast to Slow 18.6–2.36 Hz 184–184 StrobeBurstPulse · Burst slow 1 Hz 185–189 Open 190–190 StrobeRandomBurstPulse · Burst Rnd Fast 15 Hz 191–203 StrobeRandomBurstPulse · Fast to Slow 14–2 Hz 204–204 StrobeRandomBurstPulse · Burst Rnd Slow 1 Hz 205–209 Open 210–210 StrobePulse Fast 211–223 StrobePulse · Fast to slow 1.88–0.421 Hz 224–224 StrobePulse Slow 225–229 Open 230–230 StrobeBurst · Burst 2 Fast 20 Hz 231–243 StrobeBurst · Fast to Slow 18.6–2.36 Hz 244–244 StrobeBurst · Burst 2 Slow 1 Hz 245–255 Open
2	Dimmer	0	

11 Channel (continued)

Ch	Function	Default	DMX values
3	Control1	0	0–44 No function 45–49 Dimmer off (3sec) 50–54 No function 55–59 Dimmer Curve 1 (3sec) 60–64 Dimmer Curve 2 (3sec) 65–69 Dimmer Curve 3 (3sec) 70–74 Dimmer Curve 4 (3sec) 75–89 No function 90–94 Calibrated color output mode - COLOR Calib = ON (3... 95–99 Manual calibration output mode - Manual calibration... 100–104 Raw color output mode - COLOR CALIB = OFF (3sec) 105–129 No function 130–134 600Hz refresh rate 135–139 1200Hz refersh rate 140–144 4800Hz refresh rate 145–149 9600Hz refresh rate 150–154 No function 155–159 WDMX - ON (3sec) 160–164 No function 165–169 WDMX - OFF (3sec) 170–174 No function 175–179 WDMX - Reset (3sec) 180–249 No function 250–255 Illuminate display
4	Color Macro1	0	0–215 Color wheel rotation effret 216–255 CTC 10000K - 2800K
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	0	

11 Channel (continued)

Ch	Function	Default	DMX values
9	Gobo	0	0–5 No FX 6–10 Auto 1 11–15 Auto 2 16–20 Auto 3 21–25 Auto 4 26–30 Auto 5 31–35 Auto 6 36–40 Auto 7 41–45 Auto 8 46–50 Auto 9 51–55 Auto 10 56–60 Auto 11 61–65 Auto 12 66–70 Auto 13 71–75 Auto 14 76–80 Auto 15 81–85 Auto 16 86–90 Auto 17 91–95 Auto 18 96–100 Auto 19 101–105 Auto 20 106–110 Auto 21 111–115 Auto 22 116–120 Auto 23 121–125 Auto 24 126–130 Auto 25 131–135 Auto 26 136–140 Auto 27 141–145 Auto 28 146–150 Auto 29 151–155 Auto 30 156–160 Auto 31 161–165 Auto 32 166–170 Auto 33 171–175 Auto 34 176–180 Auto 35 181–185 Auto 36 186–190 Auto 37 191–195 Auto 38 196–200 Auto 39 201–205 Auto 40 206–210 Auto 41 211–215 Auto 42 216–220 Auto 43 221–225 Auto 44 226–230 Auto 45 231–235 Auto 46 236–240 Auto 47 241–245 Auto 48 246–250 Auto 49 251–255 Auto 50
10	Gobo Rotation	0	0–254 Min Speed 255–255 Max Speed
11	Dimmer Mode	0	0–254 Fast 255–255 Slow

12 channel

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

12 channel (continued)

Ch	Function	Default	DMX values
2	Color Wheel	255	0–15 No function (Black) (wheel slot 1) 16–31 R (wheel slot 2) 32–47 G (wheel slot 3) 48–63 B (wheel slot 4) 64–79 R+G (wheel slot 5) 80–95 G+B (wheel slot 6) 96–111 R+B (wheel slot 7) 112–127 R+G+B (wheel slot 8) 128–143 W (wheel slot 9) 144–159 R+W (wheel slot 10) 160–175 G+W (wheel slot 11) 176–191 B+W (wheel slot 12) 192–207 R+G+W (wheel slot 13) 208–223 R+B+W (wheel slot 14) 224–239 G+B+W (wheel slot 15) 240–255 R+G+B+W (wheel slot 16)
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	Dimmer Mode	0	0–254 Dimmer Speed fast 255–255 Dimmer Speed slow

47 Channel

47 channels

Ch	Function	Default	DMX values

47 Channel (continued)

Ch	Function	Default	DMX values
1	Shutter / Strobe	20	0–19 Shutter closed 20–24 Shutter open 25–25 Strobe · Str Max 20 Hz 26–63 Strobe · Fast to Slow 19.5–1.39 Hz 64–64 Strobe · Str Min 0.9 Hz 65–69 Open 70–70 Str Pulse Close Fast 71–83 StrobePulseClose 1 · Fast to Slow 4.69–0.914 Hz 84–84 Str Pulse Close Slow 85–89 Open 90–90 Str Pulse Open Fast 91–103 StrobePulseOpen · Fast to Slow 4.69–0.914 Hz 104–104 Str Pulse Open Closed 105–109 Open 110–110 StrobeRandom · Str Rnd Fast 20 Hz 111–123 StrobeRandom · Fast to Slow 18.6–2.36 Hz 124–124 StrobeRandom · Str Rnd Slow 1 Hz 125–129 Open 130–130 Pulse Rnd Close Fast 131–143 Fast to Slow 144–144 Pulse Rnd Close Slow 145–149 Open 150–150 Pulse Rnd Open Fast 151–163 StrobeRandomPulseOpen · from Fast to Slow 9.36… 164–164 Pulse Rnd Open Slow 165–169 Open 170–170 StrobeBurstPulse · Burst Fast 20 Hz 171–183 StrobeBurstPulse · Fast to Slow 18.6–2.36 Hz 184–184 StrobeBurstPulse · Burst slow 1 Hz 185–189 Open 190–190 StrobeRandomBurstPulse · Burst Rnd Fast 15 Hz 191–203 StrobeRandomBurstPulse · Fast to Slow 14–2 Hz 204–204 StrobeRandomBurstPulse · Burst Rnd Slow 1 Hz 205–209 Open 210–210 StrobePulse Fast 211–223 StrobePulse · Fast to slow 1.88–0.421 Hz 224–224 StrobePulse Slow 225–229 Open 230–230 StrobeBurst · Burst 2 Fast 20 Hz 231–243 StrobeBurst · Fast to Slow 18.6–2.36 Hz 244–244 StrobeBurst · Burst 2 Slow 1 Hz 245–255 Open
2	Dimmer	255	

47 Channel (continued)

Ch	Function	Default	DMX values
3	Control1	0	0–44 No function 45–49 LED Speed (3 sec) 50–54 No Function (3 sec) 55–59 Fast (3 sec) 60–64 Normal (3 sec) 65–69 Slow (3 sec) 70–74 Slowest (3 sec) 75–89 Empty Channel Set 90–94 COLOR Calib = ON (3 sec) 95–99 Manual Calibration ON (3 sec) 100–104 COLOR Calib = OFF (3 sec) 105–129 No Function 130–134 600K 135–139 1200K 140–144 4800K 145–149 9600K 150–154 No Function 155–159 W-DMX ON (3 sec) 160–164 No Function 165–169 W-DMX OFF (3 sec) 170–174 No Function 175–179 W-DMX Reset (3 sec) 180–249 No function 250–255 Illuminate display
4	Color Macro1	0	0–215 Color wheel rotation effret 216–255 CTO 2
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	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	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	

47 Channel (continued)

Ch	Function	Default	DMX values
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	

47 Channel (continued)

Ch	Function	Default	DMX values
45	Gobo	0	0–5 No FX 6–10 Auto 1 11–15 Auto 2 16–20 Auto 3 21–25 Auto 4 26–30 Auto 5 31–35 Auto 6 36–40 Auto 7 41–45 Auto 8 46–50 Auto 9 51–55 Auto 10 56–60 Auto 11 61–65 Auto 12 66–70 Auto 13 71–75 Auto 14 76–80 Auto 15 81–85 Auto 16 86–90 Auto 17 91–95 Auto 18 96–100 Auto 19 101–105 Auto 20 106–110 Auto 21 111–115 Auto 22 116–120 Auto 23 121–125 Auto 24 126–130 Auto 25 131–135 Auto 26 136–140 Auto 27 141–145 Auto 28 146–150 Auto 29 151–155 Auto 30 156–160 Auto 31 161–165 Auto 32 166–170 Auto 33 171–175 Auto 34 176–180 Auto 35 181–185 Auto 36 186–190 Auto 37 191–195 Auto 38 196–200 Auto 39 201–205 Auto 40 206–210 Auto 41 211–215 Auto 42 216–220 Auto 43 221–225 Auto 44 226–230 Auto 45 231–235 Auto 46 236–240 Auto 47 241–245 Auto 48 246–250 Auto 49 251–255 Auto 50
46	Gobo Rotation	0	0–254 Min Speed 255–255 Max Speed
47	Dimmer Mode	0	0–254 Fast 255–255 Slow