CLF Lighting

Odin



Manufacturer	**CLF Lighting**
Type	**PAR**
DMX modes	**5**
DMX footprint	**4, 6, 8, 9, 13 channels**
Beam angle	**11-50°**
Size (W × H × D)	**216 × 397 × 202 mm**
GDTF fixture type	**B2D5F1E0-7C0B-4FE0-9C5C-7B…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer

Safety-relevant functions

Fixture reset

DMX modes

4 ch mode	4 ch
6 ch mode	6 ch
8 ch mode	8 ch
9 ch mode	9 ch
13 ch mode	13 ch

4 ch mode

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	0	

6 ch mode

6 channels

Ch	Function	Default	DMX values
1	Zoom	128	0–254 Wide 255–255 Narrow
2	Control1	0	0–9 No function 10–14 Reset entire Fixture 15–59 No function 60–64 Fan mode REGULATED 65–69 Fan mode FULL 70–74 Fan mode SILENT 1 75–79 Fan mode SILENT 2 80–89 No function 90–94 Calibrated color output mode COLOR CALIB = ON 95–99 No function 100–104 Calibrated color output mode COLOR CALIB = OFF 105–129 No function 130–134 600Hz Refresh rate 135–139 1200Hz Refresh rate 140–144 2400Hz Refresh rate 145–149 4800Hz Refresh Rate 150–154 No function 155–159 WDMX ON 160–164 No function 165–169 WDMX OFF 170–174 No function 175–179 WDMX Reset 180–184 No function 185–189 Dimmer speed NORMAL 190–194 No function 195–199 Dimmer Smooth 1 200–204 Dimmer Smooth 2 205–209 Dimmer Smooth 3 210–214 Dimmer Smooth 4 215–249 No function 250–255 Illuminate display
3	Red	255	
4	Green	255	
5	Blue	255	
6	Color Add GY	0	

8 ch mode

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Zoom	128	0–254 Wide 255–255 Narrow
3	Strobe Duration	0	0–254 7 ms 255–255 650 ms

8 ch mode (continued)

Ch	Function	Default	DMX values
4	Strobe Rate	0	0–254 Min Rate 255–255 Max Rate
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add GY	0	

9 ch mode

9 channels

Ch	Function	Default	DMX values

9 ch mode (continued)

Ch	Function	Default	DMX values
1	Shutter / Strobe	20	0–19 Close 20–24 Open 25–29 Strobe · Fast to slow 1/8 16.7–15 Hz 30–34 Strobe · Fast to slow 2/8 14.6–12.9 Hz 35–39 Strobe · Fast to slow 3/8 12.5–10.8 Hz 40–44 Strobe · Fast to slow 4/8 10.4–8.69 Hz 45–49 Strobe · Fast to slow 5/8 8.27–6.59 Hz 50–54 Strobe · Fast to slow 6/8 6.17–4.49 Hz 55–59 Strobe · Fast to slow 7/8 4.07–2.39 Hz 60–64 Strobe · Fast to slow 8/8 1.97–0.289 Hz 65–69 Open 70–71 StrobePulsOpen · Fast to slow 1/8 6–5.58 Hz 72–73 StrobePulsOpen · Fast to slow 2/8 5.16–4.74 Hz 74–75 StrobePulsOpen · Fast to slow 3/8 4.31–3.89 Hz 76–77 StrobePulsOpen · Fast to slow 4/8 3.47–3.05 Hz 78–79 StrobePulsOpen · Fast to slow 5/8 2.63–2.21 Hz 80–81 StrobePulsOpen · Fast to slow 6/8 1.79–1.36 Hz 82–83 StrobePulsOpen · Fast to slow 7/8 0.943–0.521 Hz 84–84 StrobePulsOpen · Fast to slow 8/8 0.1 Hz 85–89 Open 90–91 StrobePulseClose · Fast to slow 1/8 6–5.58 Hz 92–93 StrobePulseClose · Fast to slow 2/8 5.16–4.74 Hz 94–95 StrobePulseClose · Fast to slow 3/8 4.31–3.89 Hz 96–97 StrobePulseClose · Fast to slow 4/8 3.47–3.05 Hz 98–99 StrobePulseClose · Fast to slow 5/8 2.63–2.21 Hz 100–101 StrobePulseClose · Fast to slow 6/8 1.79–1.36 Hz 102–103 StrobePulseClose · Fast to slow 7/8 0.943–0.521 Hz 104–104 StrobePulseClose · Fast to slow 8/8 0.1 Hz 105–109 open 110–111 StrobeRandom · Fast to slow 1/8 16.7–15.5 Hz 112–113 StrobeRandom · Fast to slow 2/8 14.3–13.2 Hz 114–115 StrobeRandom · Fast to slow 3/8 12–10.8 Hz 116–117 StrobeRandom · Fast to slow 4/8 9.65–8.48 Hz 118–119 StrobeRandom · Fast to slow 5/8 7.31–6.14 Hz 120–121 StrobeRandom · Fast to slow 6/8 4.97–3.8 Hz 122–123 StrobeRandom · Fast to slow 7/8 2.63–1.46 Hz 124–124 StrobeRandom · Fast to slow 8/8 0.289 Hz 125–129 open 130–131 StrobeRandomPulseOpen · Fast to slow 1/8 6–5.58… 132–133 StrobeRandomPulseOpen · Fast to slow 2/8 5.16–4… 134–135 StrobeRandomPulseOpen · Fast to slow 3/8 4.31–3… 136–137 StrobeRandomPulseOpen · Fast to slow 4/8 3.47–3… 138–139 StrobeRandomPulseOpen · Fast to slow 5/8 2.63–2… 140–141 StrobeRandomPulseOpen · Fast to slow 6/8 1.79–1… 142–143 StrobeRandomPulseOpen · Fast to slow 7/8 0.943–… 144–144 StrobeRandomPulseOpen · Fast to slow 8/8 0.1 Hz 145–149 open 150–151 StrobeRandomPulseClose · Fast to slow 1/8 6–5.58… 152–153 StrobeRandomPulseClose · Fast to slow 2/8 5.16–4… 154–155 StrobeRandomPulseClose · Fast to slow 3/8 4.31–3… 156–157 StrobeRandomPulseClose · Fast to slow 4/8 3.47–3… 158–159 StrobeRandomPulseClose · Fast to slow 5/8 2.63–2… 160–161 StrobeRandomPulseClose · Fast to slow 6/8 1.79–1… 162–163 StrobeRandomPulseClose · Fast to slow 7/8 0.943–… 164–164 StrobeRandomPulseClose · Fast to slow 8/8 0.1 Hz 165–169 open 170–171 StrobeBurstPulse · Fast to slow 1/8 12–11.2 Hz 172–173 StrobeBurstPulse · Fast to slow 2/8 10.3–9.45 Hz 174–175 StrobeBurstPulse · Fast to slow 3/8 8.6–7.75 Hz 176–177 StrobeBurstPulse · Fast to slow 4/8 6.9–6.05 Hz 178–179 StrobeBurstPulse · Fast to slow 5/8 5.2–4.35 Hz 180–181 StrobeBurstPulse · Fast to slow 6/8 3.5–2.65 Hz 182–183 StrobeBurstPulse · Fast to slow 7/8 1.8–0.95 Hz 184–184 StrobeBurstPulse · Fast to slow 8/8 0.1 Hz

9 ch mode (continued)

Ch	Function	Default	DMX values
2	Dimmer	0	
3	Zoom	128	0–254 Wide 255–255 Narrow
4	Control1	0	0–9 No function 10–14 Reset entire Fixture 15–59 No function 60–64 Fan mode REGULATED 65–69 Fan mode FULL 70–74 Fan mode SILENT 1 75–79 Fan mode SILENT 2 80–89 No function 90–94 Calibrated color output mode COLOR CALIB = ON 95–99 No function 100–104 Calibrated color output mode COLOR CALIB = OFF 105–129 No function 130–134 600Hz Refresh rate 135–139 1200Hz Refresh rate 140–144 2400Hz Refresh rate 145–149 4800Hz Refresh Rate 150–154 No function 155–159 WDMX ON 160–164 No function 165–169 WDMX OFF 170–174 No function 175–179 WDMX Reset 180–184 No function 185–189 Dimmer speed NORMAL 190–194 No function 195–199 Dimmer Smooth 1 200–204 Dimmer Smooth 2 205–209 Dimmer Smooth 3 210–214 Dimmer Smooth 4 215–249 No function 250–255 Illuminate display
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add GY	0	
9	C TC	0	0–9 NoFunction 10–254 10000K 255–255 2500K

13 ch mode

13 channels

Ch	Function	Default	DMX values

13 ch mode (continued)

Ch	Function	Default	DMX values
1	Shutter / Strobe	20	0–19 Close 20–24 Open 25–29 Strobe · Fast to slow 1/8 16.7–15 Hz 30–34 Strobe · Fast to slow 2/8 14.6–12.9 Hz 35–39 Strobe · Fast to slow 3/8 12.5–10.8 Hz 40–44 Strobe · Fast to slow 4/8 10.4–8.69 Hz 45–49 Strobe · Fast to slow 5/8 8.27–6.59 Hz 50–54 Strobe · Fast to slow 6/8 6.17–4.49 Hz 55–59 Strobe · Fast to slow 7/8 4.07–2.39 Hz 60–64 Strobe · Fast to slow 8/8 1.97–0.289 Hz 65–69 Open 70–71 StrobePulsOpen · Fast to slow 1/8 6–5.58 Hz 72–73 StrobePulsOpen · Fast to slow 2/8 5.16–4.74 Hz 74–75 StrobePulsOpen · Fast to slow 3/8 4.31–3.89 Hz 76–77 StrobePulsOpen · Fast to slow 4/8 3.47–3.05 Hz 78–79 StrobePulsOpen · Fast to slow 5/8 2.63–2.21 Hz 80–81 StrobePulsOpen · Fast to slow 6/8 1.79–1.36 Hz 82–83 StrobePulsOpen · Fast to slow 7/8 0.943–0.521 Hz 84–84 StrobePulsOpen · Fast to slow 8/8 0.1 Hz 85–89 Open 90–91 StrobePulseClose · Fast to slow 1/8 6–5.58 Hz 92–93 StrobePulseClose · Fast to slow 2/8 5.16–4.74 Hz 94–95 StrobePulseClose · Fast to slow 3/8 4.31–3.89 Hz 96–97 StrobePulseClose · Fast to slow 4/8 3.47–3.05 Hz 98–99 StrobePulseClose · Fast to slow 5/8 2.63–2.21 Hz 100–101 StrobePulseClose · Fast to slow 6/8 1.79–1.36 Hz 102–103 StrobePulseClose · Fast to slow 7/8 0.943–0.521 Hz 104–104 StrobePulseClose · Fast to slow 8/8 0.1 Hz 105–109 open 110–111 StrobeRandom · Fast to slow 1/8 16.7–15.5 Hz 112–113 StrobeRandom · Fast to slow 2/8 14.3–13.2 Hz 114–115 StrobeRandom · Fast to slow 3/8 12–10.8 Hz 116–117 StrobeRandom · Fast to slow 4/8 9.65–8.48 Hz 118–119 StrobeRandom · Fast to slow 5/8 7.31–6.14 Hz 120–121 StrobeRandom · Fast to slow 6/8 4.97–3.8 Hz 122–123 StrobeRandom · Fast to slow 7/8 2.63–1.46 Hz 124–124 StrobeRandom · Fast to slow 8/8 0.289 Hz 125–129 open 130–131 StrobeRandomPulseOpen · Fast to slow 1/8 6–5.58… 132–133 StrobeRandomPulseOpen · Fast to slow 2/8 5.16–4… 134–135 StrobeRandomPulseOpen · Fast to slow 3/8 4.31–3… 136–137 StrobeRandomPulseOpen · Fast to slow 4/8 3.47–3… 138–139 StrobeRandomPulseOpen · Fast to slow 5/8 2.63–2… 140–141 StrobeRandomPulseOpen · Fast to slow 6/8 1.79–1… 142–143 StrobeRandomPulseOpen · Fast to slow 7/8 0.943–… 144–144 StrobeRandomPulseOpen · Fast to slow 8/8 0.1 Hz 145–149 open 150–151 StrobeRandomPulseClose · Fast to slow 1/8 6–5.58… 152–153 StrobeRandomPulseClose · Fast to slow 2/8 5.16–4… 154–155 StrobeRandomPulseClose · Fast to slow 3/8 4.31–3… 156–157 StrobeRandomPulseClose · Fast to slow 4/8 3.47–3… 158–159 StrobeRandomPulseClose · Fast to slow 5/8 2.63–2… 160–161 StrobeRandomPulseClose · Fast to slow 6/8 1.79–1… 162–163 StrobeRandomPulseClose · Fast to slow 7/8 0.943–… 164–164 StrobeRandomPulseClose · Fast to slow 8/8 0.1 Hz 165–169 open 170–171 StrobeBurstPulse · Fast to slow 1/8 12–11.2 Hz 172–173 StrobeBurstPulse · Fast to slow 2/8 10.3–9.45 Hz 174–175 StrobeBurstPulse · Fast to slow 3/8 8.6–7.75 Hz 176–177 StrobeBurstPulse · Fast to slow 4/8 6.9–6.05 Hz 178–179 StrobeBurstPulse · Fast to slow 5/8 5.2–4.35 Hz 180–181 StrobeBurstPulse · Fast to slow 6/8 3.5–2.65 Hz 182–183 StrobeBurstPulse · Fast to slow 7/8 1.8–0.95 Hz 184–184 StrobeBurstPulse · Fast to slow 8/8 0.1 Hz

13 ch mode (continued)

Ch	Function	Default	DMX values
2	Dimmer	0	
3	Zoom	128	0–254 Wide 255–255 Narrow
4	Control1	0	0–9 No function 10–14 Reset entire Fixture 15–59 No function 60–64 Fan mode REGULATED 65–69 Fan mode FULL 70–74 Fan mode SILENT 1 75–79 Fan mode SILENT 2 80–89 No function 90–94 Calibrated color output mode COLOR CALIB = ON 95–99 No function 100–104 Calibrated color output mode COLOR CALIB = OFF 105–129 No function 130–134 600Hz Refresh rate 135–139 1200Hz Refresh rate 140–144 2400Hz Refresh rate 145–149 4800Hz Refresh Rate 150–154 No function 155–159 WDMX ON 160–164 No function 165–169 WDMX OFF 170–174 No function 175–179 WDMX Reset 180–184 No function 185–189 Dimmer speed NORMAL 190–194 No function 195–199 Dimmer Smooth 1 200–204 Dimmer Smooth 2 205–209 Dimmer Smooth 3 210–214 Dimmer Smooth 4 215–249 No function 250–255 Illuminate display
5	Color Macro1	0	0–9 NoFunction 10–255 Color wheel rotation effect
6	Red	255	
7	Green	255	
8	Blue	255	
9	Color Add GY	0	
10	C TC	0	0–9 NoFunction 10–254 10000K 255–255 2500K
11	Color Effects1	9	0–9 No Function 10–29 Auto 1 30–49 Auto 2 50–69 Auto 3 70–89 Auto 4 90–109 Auto 5 110–129 Auto 6 130–149 Auto 7 150–169 Auto 8 170–189 Auto 9 190–255 Auto 10
12	Color Mix MSpeed	0	0–0 No Function 1–254 Min Speed 255–255 Max Speed

13 ch mode (continued)

Ch	Function	Default	DMX values
13	Dimmer Mode	0	0–0 NoFunction 1–254 Dimmer Speed fast 255–255 Dimmer Speed slow