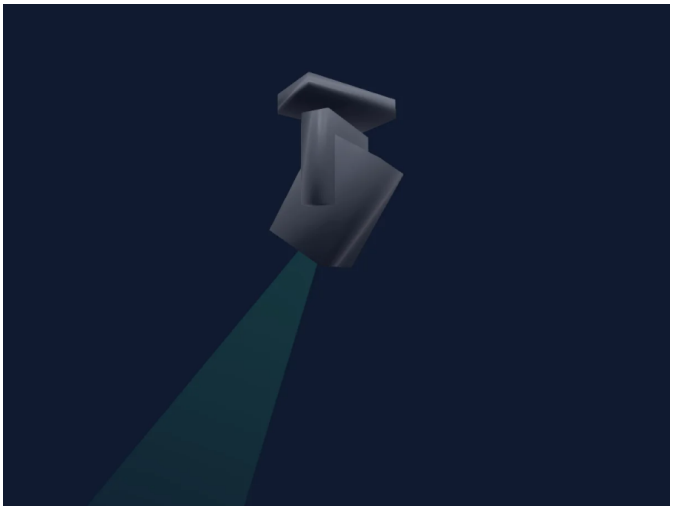
CLF Lighting

POSEIDON Hybrid



Manufacturer	**CLF Lighting**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**33 channels**
Beam angle	**2-45°**
Pan range	**540°**
Tilt range	**231.5°**
Size (W × H × D)	**312 × 506 × 312 mm**
GDTF fixture type	**518F72B5-23E3-47C5-85E7-E69…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · CMY colour mixing · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

33CH — 33 ch

33CH

33 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	0–0 Standard mode 1–1 max Position Time 2–254 Track 100% 1% 255–255 min Position Time
6	Control1	11	0–19 No Function 20–24 Display 100% 25–29 Display 0% 30–34 High CRI 35–39 Standard CRI 40–129 No Function 130–139 Lamp On 140–149 Pan/Tilt Reset 150–159 Colour Reset 160–169 Gobo Reset 170–179 Dimmer Reset 180–189 Zoom Reset 190–199 Effect Reset 200–209 ALL Reset 210–229 No Function 230–255 Lamp OFF
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	
10	Color Wheel	0	0–8 White (wheel slot 1) 9–17 Deep Red (wheel slot 2) 18–25 Orange (wheel slot 3) 26–34 Aquamarine (wheel slot 4) 35–42 Green (wheel slot 5) 43–51 Light Green (wheel slot 6) 52–59 Lavender (wheel slot 7) 60–68 Pink (wheel slot 8) 69–76 Yellow (wheel slot 9) 77–85 Magenta (wheel slot 10) 86–93 Cyan (wheel slot 11) 94–102 CTO 2600K (wheel slot 12) 103–110 CTO 3200K (wheel slot 13) 111–119 CTB 8000K (wheel slot 14) 120–127 Blue (wheel slot 15) 128–128 >>> 129–190 Spin 100 1% 191–191 > 192–192 < 193–254 Spin -1 -100% 255–255 <<<
11	Color Wheel Fine	0	Fine byte of Color Wheel
12	Animation Wheel1	0	0–254 open 255–255 animation
13	Animation Wheel1Pos	0	0–0 No Rotation 1–126 >>> 127–127 > 128–128 Stop 129–254 < 255–255 <<<

33CH (continued)

Ch	Function	Default	DMX values
14	Gobo	0	0–3 open (wheel slot 1) 4–9 Beam 1 (wheel slot 2) 10–15 Beam 2 (wheel slot 3) 16–21 Beam 3 (wheel slot 4) 22–27 Beam 4 (wheel slot 5) 28–33 Gobo 1 (wheel slot 6) 34–39 Gobo 2 (wheel slot 7) 40–45 Gobo 3 (wheel slot 8) 46–51 Gobo 4 (wheel slot 9) 52–57 Gobo 5 (wheel slot 10) 58–63 Gobo 6 (wheel slot 11) 64–69 Gobo 7 (wheel slot 12) 70–75 Gobo 8 (wheel slot 13) 76–81 Gobo 9 (wheel slot 14) 82–87 Gobo 10 (wheel slot 15) 88–95 Beam 1 96–103 Beam 2 104–111 Beam 3 112–119 Beam 4 120–127 gobo 1 1 128–135 gobo 1 2 136–143 gobo 1 3 144–151 gobo 1 4 152–159 gobo 1 5 160–167 gobo 1 6 168–175 gobo 1 7 176–183 gobo 1 8 184–191 gobo 1 9 192–199 gobo 1 10 200–200 White 202–202 << 203–222 < 223–228 stop 229–247 > 248–248 >>> 250–254 min Rnd 255–255 max Rnd
15	Gobo 2	0	0–4 Open (wheel slot 1) 5–16 gobo 2 1<> (wheel slot 2) 17–28 gobo 2 2<> (wheel slot 3) 29–40 gobo 2 3<> (wheel slot 4) 41–52 gobo 2 4<> (wheel slot 5) 53–64 gobo 2 5<> (wheel slot 6) 65–76 gobo 2 6<> (wheel slot 7) 77–88 gobo 2 7<> (wheel slot 8) 89–112 gobo 2 8<> (wheel slot 9) 113–124 gobo 2 1 (wheel slot 2) 125–136 gobo 2 2 (wheel slot 3) 137–148 gobo 2 3 (wheel slot 4) 149–160 gobo 2 4 (wheel slot 5) 161–172 gobo 2 5 (wheel slot 6) 173–184 gobo 2 6 (wheel slot 7) 185–196 gobo 2 7 (wheel slot 8) 197–220 gobo 2 8 (wheel slot 9) 221–248 Open (wheel slot 1) 250–254 min Rnd2 255–255 max Rnd2

33CH (continued)

Ch	Function	Default	DMX values
16	Gobo Rotation 2	0	0–127 Gobo Indexing 128–129 >>> 130–186 Fast-Slow 187–187 > 188–195 Stop 196–196 < 197–253 Slow-Fast 254–255 <<<
17	Prism	0	0–3 No Prism (wheel slot 1) 4–15 Prism 1 (wheel slot 2) 16–27 Prism 2 (wheel slot 3) 28–39 Prism 3 (wheel slot 4) 40–51 Prism 1<> (wheel slot 2) 52–63 Prism 2<> (wheel slot 3) 64–75 Prism 3<> (wheel slot 4) 76–255 NoFeature 1
18	Prism Rotation	0	0–0 Index 1–1 >> 2–127 Rotate 100 1% 128–128 stop 129–254 Rotate -1 -100% 255–255 <<
19	Prism	0	0–3 Open 4–15 8 Prism 16–27 8 Prism<> 28–255 NoFeature 1
20	Prism Rotation	0	0–0 No Rotation 1–1 >> 2–127 Fast>Slow 128–128 stop 129–254 Slow-Fast 255–255 <<
21	Prism	0	0–3 open 4–14 pattern 1 15–25 pattern 2 26–36 pattern 3 37–47 pattern 4 48–58 pattern 5 59–69 pattern 6 70–80 pattern 7 81–91 pattern 1<> 92–102 pattern 2<> 103–113 pattern 3<> 114–124 pattern 4<> 125–135 pattern 5<> 136–146 pattern 6<> 147–157 pattern 7<> 158–168 pattern 8<> 169–179 pattern 9<> 180–190 pattern 10<> 191–255 raw DMX
22	Prism1Select Spin	0	0–0 Index 1–2 >> 3–127 Fast>Slow 128–128 stop 129–254 Slow<Fast 255–255 <<

33CH (continued)

Ch	Function	Default	DMX values
23	Frost1	0	0–19 open 20–128 Light Frost 129–168 Frost Pulse Closing Slow 169–169 Frost Pulse Closing Fast 170–209 Frost Pulse Closing Slow 210–210 Frost Pulse Closing Fast 211–254 Frost Ramp Slow 255–255 Frost Ramp Fast
24	Zoom	229	0–127 wide 128–254 normal 255–255 narrow
25	Zoom Fine	229	Fine byte of Zoom
26	Focus	0	0–254 max Focus 255–255 min Focus
27	Focus Fine	0	Fine byte of Focus
28	Focus Mode	127	0–253 max intensity centre 254–254 min intensity centre 255–255 automatic Hot-Spot control
29	Focus1Distance	0	0–15 Autofocus Off 16–55 10 metres 56–95 15metres 96–135 20 metres 136–175 30 metres 176–215 40 metres 216–255 50 metres
30	Shutter / Strobe	32	0–31 closed 32–63 open 64–94 min Strobe 95–95 max Strobe 96–127 open (2) 128–141 min Pulse Open 142–142 max Pulse Open 143–157 max Pulse Close 158–158 min Pulse Close 160–190 open (3) 192–221 Shutter1StrobeRandom 7 · min Rnd 0.419–9.68 Hz 222–222 Shutter1StrobeRandom 7 · max Rnd 10 Hz 224–255 open (4)
31	Dimmer	0	0–254 closed 255–255 open
32	Dimmer Fine	0	Fine byte of Dimmer
33	Reflector Adjust	0	0–254 Hotspot OFF 255–255 Hotspot Open