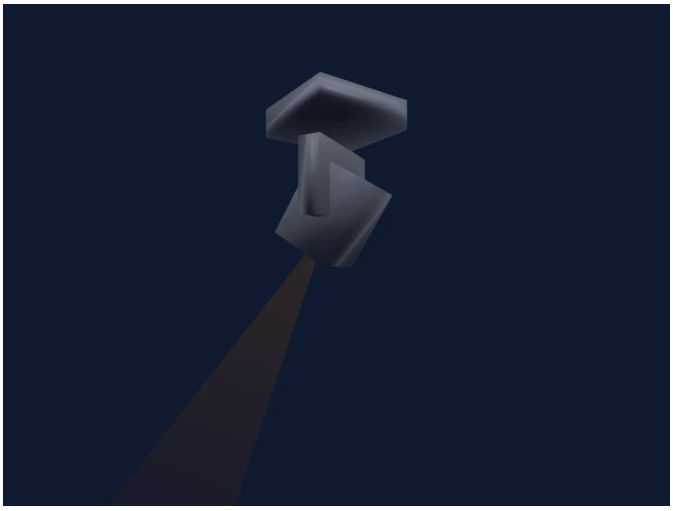
Cyclops Lighting

Sparkly 400 PRO



Manufacturer	**Cyclops Lighting**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**21, 25 channels**
Beam angle	**4-37°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**275 × 369 × 275 mm**
GDTF fixture type	**0D492000-5C27-172B-5EA5-01…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

21 channel	21 ch
25 channel	25 ch

21 channel

21 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	0–254 min Track 255–255 max Track
4	Fixture Global Reset	0	0–128 NoFeature 1 130–138 Lamp On 140–148 PosReset 149–158 NoFeature 4 160–168 NonPosReset 169–198 NoFeature 6 200–208 Reset 209–228 NoFeature 8 230–238 Lamp Off 239–255 NoFeature 10
5	Color Wheel	0	0–28 open 29–80 pink 81–129 light orange 130–181 light purple 182–235 blue 236–255 deep blue
6	Color Wheel 2	0	0–28 open 29–80 deep red 81–129 deep green 130–181 light green 182–235 UV blue 236–255 deep orange
7	C TO	0	0–254 min CTO 255–255 max CTO
8	Cyan	0	
9	Magenta	0	
10	Yellow	0	

21 channel (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–3 open 4–7 iris 10 8–12 iris 20 13–16 iris 30 17–20 iris 40 21–24 iris 50 25–29 gobo 1 6 30–33 gobo 1 7 34–37 gobo 1 8 38–41 gobo 1 9 42–46 gobo 1 10 47–50 gobo 1 11 51–54 gobo 1 12 55–58 gobo 1 13 59–63 gobo 1 14 64–67 gobo 1 15 68–71 gobo 1 16 72–72 >>> 73–113 Spin 100 1% 114–117 stop 118–157 Spin -1 -100% 158–158 <<< 160–165 iris 10 166–171 iris 20 172–177 iris 30 178–183 iris 40 184–189 iris 50 190–195 gobo 1 6 196–201 gobo 1 7 202–207 gobo 1 8 208–213 gobo 1 9 214–219 gobo 1 10 220–225 gobo 1 11 226–231 gobo 1 12 232–237 gobo 1 13 238–243 gobo 1 14 244–249 gobo 1 15 250–255 gobo 1 16

21 channel (continued)

Ch	Function	Default	DMX values
12	Gobo 2	0	0–0 open 1–4 open (2) 5–7 gobo 2 1 8–10 gobo 2 2 11–13 gobo 2 3 14–16 gobo 2 4 17–19 gobo 2 5 20–22 gobo 2 6 23–25 gobo 2 7 26–28 gobo 2 8 29–31 gobo 2 9 32–34 gobo 2 1<> 35–37 gobo 2 2<> 38–40 gobo 2 3<> 41–43 gobo 2 4<> 44–46 gobo 2 5<> 47–49 gobo 2 6<> 50–52 gobo 2 7<> 53–55 gobo 2 8<> 56–59 gobo 2 9<> 60–67 gobo 2 1 68–75 gobo 2 2 76–83 gobo 2 3 84–91 gobo 2 4 92–99 gobo 2 5 100–107 gobo 2 6 108–115 gobo 2 7 116–123 gobo 2 8 124–128 gobo 2 9 130–137 gobo 2 1 <> 138–145 gobo 2 2 <> 146–153 gobo 2 3 <> 154–161 gobo 2 4 <> 162–169 gobo 2 5 <> 170–177 gobo 2 6 <> 178–185 gobo 2 7 <> 186–193 gobo 2 8 <> 194–198 gobo 2 9 <> 200–200 >>> 201–227 Spin2 100 1% 228–229 stop 230–254 Spin2 -1 -100% 255–255 <<<
13	Gobo Rotation 2	0	0–0 zero 1–1 >>> 2–127 Rotate2 100 1% 128–129 stop 130–254 Rotate2 -1 -100% 255–255 max CW
14	E FFECTWHEEL	0	0–1 open 2–63 8 facet prism 64–127 open (2) 128–255 8 facet prism (2)
15	E FFECTINDEXROTATE	0	0–0 stop 1–126 zero 127–127 max CW 129–255 <<<
16	E FFECTINDEXROTATE2	0	0–0 stop 1–126 zero 127–127 max CW 129–255 <<<

21 channel (continued)

Ch	Function	Default	DMX values
17	Frost1	0	0–59 Frost 0% 60–255 Frost 100%
18	Zoom	127	0–127 narrow 128–254 normal 255–255 wide
19	Focus	128	0–254 min Focus 255–255 max Focus
20	Shutter / Strobe	48	0–31 closed 32–63 open 64–94 min Strobe 95–95 max Strobe 96–127 open (2) 128–142 min Pulse Open 144–157 min Pulse Close 158–158 max Pulse Close 160–190 open (3) 192–221 Shutter1StrobeRandom 7 · min Rnd 222–222 Shutter1StrobeRandom 7 · max Rnd 224–255 open (4)
21	Dimmer	0	0–254 closed 255–255 open

25 channel

25 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 min Track 255–255 max Track
6	Fixture Global Reset	0	0–128 NoFeature 1 130–138 Lamp On 140–148 PosReset 149–158 NoFeature 4 160–168 NonPosReset 169–198 NoFeature 6 200–208 Reset 209–228 NoFeature 8 230–238 Lamp Off 239–255 NoFeature 10
7	Color Wheel	0	0–28 open 29–80 pink 81–129 light orange 130–181 light purple 182–235 blue 236–255 deep blue
8	Color Wheel 2	0	0–28 open 29–80 deep red 81–129 deep green 130–181 light green 182–235 UV blue 236–255 deep orange
9	C TO	0	0–254 min CTO 255–255 max CTO
10	Cyan	0	

25 channel (continued)

Ch	Function	Default	DMX values
11	Magenta	0	
12	Yellow	0	
13	Gobo	0	0–3 open 4–7 iris 10 8–12 iris 20 13–16 iris 30 17–20 iris 40 21–24 iris 50 25–29 gobo 1 6 30–33 gobo 1 7 34–37 gobo 1 8 38–41 gobo 1 9 42–46 gobo 1 10 47–50 gobo 1 11 51–54 gobo 1 12 55–58 gobo 1 13 59–63 gobo 1 14 64–67 gobo 1 15 68–71 gobo 1 16 72–72 >>> 73–113 Spin 100 1% 114–117 stop 118–157 Spin -1 -100% 158–158 <<< 160–165 iris 10 166–171 iris 20 172–177 iris 30 178–183 iris 40 184–189 iris 50 190–195 gobo 1 6 196–201 gobo 1 7 202–207 gobo 1 8 208–213 gobo 1 9 214–219 gobo 1 10 220–225 gobo 1 11 226–231 gobo 1 12 232–237 gobo 1 13 238–243 gobo 1 14 244–249 gobo 1 15 250–255 gobo 1 16

25 channel (continued)

Ch	Function	Default	DMX values
14	Gobo 2	0	0–0 open 1–4 open (2) 5–7 gobo 2 1 8–10 gobo 2 2 11–13 gobo 2 3 14–16 gobo 2 4 17–19 gobo 2 5 20–22 gobo 2 6 23–25 gobo 2 7 26–28 gobo 2 8 29–31 gobo 2 9 32–34 gobo 2 1<> 35–37 gobo 2 2<> 38–40 gobo 2 3<> 41–43 gobo 2 4<> 44–46 gobo 2 5<> 47–49 gobo 2 6<> 50–52 gobo 2 7<> 53–55 gobo 2 8<> 56–59 gobo 2 9<> 60–67 gobo 2 1 68–75 gobo 2 2 76–83 gobo 2 3 84–91 gobo 2 4 92–99 gobo 2 5 100–107 gobo 2 6 108–115 gobo 2 7 116–123 gobo 2 8 124–128 gobo 2 9 130–137 gobo 2 1 <> 138–145 gobo 2 2 <> 146–153 gobo 2 3 <> 154–161 gobo 2 4 <> 162–169 gobo 2 5 <> 170–177 gobo 2 6 <> 178–185 gobo 2 7 <> 186–193 gobo 2 8 <> 194–198 gobo 2 9 <> 200–200 >>> 201–227 Spin2 100 1% 228–229 stop 230–254 Spin2 -1 -100% 255–255 <<<
15	Gobo Rotation 2	0	0–0 zero 1–1 >>> 2–127 Rotate2 100 1% 128–129 stop 130–254 Rotate2 -1 -100% 255–255 max CW
16	E FFECTWHEEL	0	0–1 open 2–63 8 facet prism 64–127 open (2) 128–255 8 facet prism (2)
17	E FFECTINDEXROTATE	0	0–0 stop 1–126 zero 127–127 max CW 129–255 <<<
18	E FFECTINDEXROTATE2	0	0–0 stop 1–126 zero 127–127 max CW 129–255 <<<

25 channel (continued)

Ch	Function	Default	DMX values
19	Frost1	0	0–59 Frost 0% 60–255 Frost 100%
20	Zoom	127	0–127 narrow 128–254 normal 255–255 wide
21	Zoom Fine	255	Fine byte of Zoom
22	Focus	128	0–254 min Focus 255–255 max Focus
23	Focus Fine	0	Fine byte of Focus
24	Shutter / Strobe	48	0–31 closed 32–63 open 64–94 min Strobe 95–95 max Strobe 96–127 open (2) 128–142 min Pulse Open 144–157 min Pulse Close 158–158 max Pulse Close 160–190 open (3) 192–221 Shutter1StrobeRandom 7 · min Rnd 222–222 Shutter1StrobeRandom 7 · max Rnd 224–255 open (4)
25	Dimmer	0	0–254 closed 255–255 open