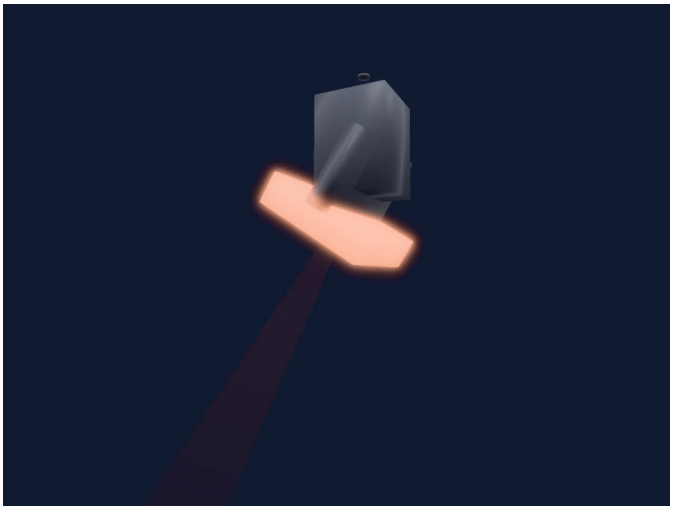
Cyclops Lighting

Aquaray 500 SBW



Manufacturer	**Cyclops Lighting**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**30 channels**
Beam angle	**3-21.25°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**410 × 273 × 86 mm**
GDTF fixture type	**1A32287B-8ED9-4000-BA13-F7…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe · Built-in effect programmes

DMX modes

30 channels — 30 ch

30 channels

30 channels

Ch	Function	Default	DMX values
1	Cyan	0	
2	Magenta	0	
3	Yellow	0	
4	Color Wheel	0	0–254 min CTO 255–255 max CTO
5	Color Wheel 2	0	0–9 open 10–19 Color 1 20–29 Color 2 30–39 Color 3 40–49 Color 4 50–59 Color 5 60–69 Color 6 70–79 Color 7 80–89 Color 8 90–99 Color 9 100–109 Color 10 110–119 Color 11 120–120 >>> 121–187 Spin 100 1% 188–254 Spin -1 100% 255–255 <<<
6	Color3	0	0–254 open 255–255 Soft Filter
7	Shutter / Strobe	255	0–31 closed 32–63 open(3) 64–94 min Strobe 95–95 max Strobe 96–127 open(1) 128–142 min Pulse Close 143–143 max Pulse Close 144–159 max Open Pulse 160–191 open(2) 192–222 min Rnd Strobe 223–223 max Rnd Strobe 224–255 open
8	Dimmer	0	0–254 closed 255–255 open
9	Dimmer Fine	0	Fine byte of Dimmer

30 channels (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–7 Open 8–11 gobo 1 1 12–15 gobo 1 2 16–19 gobo 1 3 20–23 gobo 1 4 24–27 gobo 1 5 28–31 gobo 1 6 32–35 gobo 1 7 36–39 gobo 1 8 40–43 gobo 1 9 44–47 gobo 1 10 48–51 gobo 1 11 52–55 gobo 1 12 56–59 gobo 1 13 60–63 gobo 1 14 64–67 gobo 1 15 68–68 << 69–121 Spin 100 1% 122–174 Spin 1 100% 175–175 >>> 176–180 gobo 1 1 181–185 gobo 1 2 186–190 gobo 1 3 191–195 gobo 1 4 196–200 gobo 1 5 201–205 gobo 1 6 206–210 gobo 1 7 211–215 gobo 1 8 216–220 gobo 1 9 221–225 gobo 1 10 226–230 gobo 1 11 231–235 gobo 1 12 236–240 gobo 1 13 241–245 gobo 1 14 246–255 gobo 1 15
11	E FFECTWHEEL	0	0–254 open 255–255 Animation Wheel
12	Effect Speed	0	0–254 min speed 255–255 max speed
13	Gobo 2	0	0–2 Safe 3–4 Spot 5–9 gobo 2 1 10–14 gobo 2 2 15–19 gobo 2 3 20–24 gobo 2 4 25–29 gobo 2 5 30–34 gobo 2 6 35–39 gobo 2 7 40–44 gob 2 1 45–49 gobo 2 2 50–54 gobo 2 3 55–59 gobo 2 4 60–64 gobo 2 5 65–69 gobo 2 6 70–74 gobo 2 7 75–75 <<< 76–164 Spin 100 1% 165–254 Spin 1 100% 255–255 >>>

30 channels (continued)

Ch	Function	Default	DMX values
14	Gobo Rotation 2	0	0–126 zero 127–127 max CW 128–191 <<< 192–193 stop 194–254 Rotate2 1 100% 255–255 >>>
15	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
16	Effect	0	0–127 open 128–147 Prism 1 148–192 Colored Prism 1 193–229 Prism 2 230–255 Colored Prism 2
17	E FFECTINDEXROTATE	0	0–126 zero 127–127 max CW 128–128 <<< 129–191 Rotate 100 1% 192–193 stop 194–254 Rotate 1 100% 255–255 >>>
18	Frost1	0	0–64 Frost 0% 65–254 Frost 1 100% 255–255 max Frost
19	Zoom	127	0–127 Zoom In 128–254 Normal 255–255 Zoom Out
20	Focus	128	0–254 min Focus 255–255 max Focus
21	Focus Fine	0	Fine byte of Focus
22	Beam Shaper	0	0–127 Spot Mode 128–255 Beam Mode
23	Pan	128	
24	Pan Fine	128	Fine byte of Pan
25	Tilt	128	
26	Tilt Fine	128	Fine byte of Tilt
27	Position MSpeed	0	0–254 max Track 255–255 min Track
28	Fixture Global Reset	0	0–25 Safe 26–76 Effects Reset 77–127 PosReset 128–255 Reset All
29	Lamp Control	0	0–25 safe 26–100 Lamp Off 101–255 Lamp On
30	E FFECTMACROS	0	0–105 Safe 106–145 Soft Filter Auto 146–155 Safe 156–185 Close Focus 186–215 Mid Focus 216–245 Long Focus 246–255 Safe