Cyclops Lighting

Sparkly 440B



Manufacturer	**Cyclops Lighting**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 19 channels**
Beam angle	**6°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**250 × 307 × 219 mm**
GDTF fixture type	**1A32287B-829C-4000-9FE7-F9…**

Controls

Focus · Frost · Colour wheel · Strobe · Dimmer · Movement speed · Gobos

Safety-relevant functions

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

DMX modes

16 CH	16 ch
19 CH	19 ch

16 CH

16 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–4 Open 5–8 Op+Rd 9–12 Red 13–17 Rd+Org 18–21 Orange 22–25 Org+Blu 26–29 Blue 30–34 Blu+Grn 35–38 Green 39–42 Grn+Mgnta 43–46 Magenta 47–51 Mgnta+Yel 52–55 Light blue 56–59 L Blu+Yel 60–63 Yellow 64–68 L Blu+L Grn 69–72 Light Green 73–76 L Grn+Pnk 77–81 Pink 82–85 Pink+CTB 1 86–89 CTB 1 90–93 CTB 1+ Fluorescence 94–98 Fluorescence 99–102 Fluorescence+CTO 1 103–106 CTO 1 107–110 CTO 1+CTO 2 111–115 CTO 2 116–119 CTO2+CTB 2 120–123 CTB 2 124–127 CTB 2+Open 128–128 <<< 129–191 Spin-100 -1% 192–254 Spin1 100% 255–255 >>>
2	Shutter / Strobe	255	0–31 closed 32–63 open(1) 64–94 min strobe 95–95 max strobe 96–127 open(2) 128–142 max Open Pulse 143–143 min Open Pulse 144–158 min Close Pulse 159–159 max Close Pulse 160–191 open(3) 192–222 min Rnd Strobe 223–223 ma Rnd Strobe 224–255 open
3	Dimmer	0	0–254 closed 255–255 open

16 CH (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–3 Open 4–7 gobo 1 1 8–11 gobo 1 2 12–16 gobo 1 3 17–21 gobo 1 4 22–25 gobo 1 5 26–29 gobo 1 6 30–33 gobo 1 7 34–37 gobo 1 8 38–42 gobo 1 9 43–46 gobo 1 10 47–51 gobo 1 11 52–55 gobo 1 12 56–59 gobo 1 13 67–71 Animation Wheel 72–72 >>> 73–113 Spin 100 1% 114–117 stop 118–158 Spin-1 -100% 159–159 <<< 160–166 gobo 1 1 167–173 gobo 1 2 174–181 gobo 1 3 182–188 gobo 1 4 189–195 gobo 1 5 196–203 gobo 1 6 204–210 gobo 1 7 211–217 gobo 1 8 218–224 gobo 1 9 225–232 gobo 1 10 233–239 gobo 1 11 240–246 gobo 1 12 247–255 gobo 1 13
5	Effect	0	0–15 safe 16–95 Prism 1 1 96–175 Prism 1 2 176–255 Prism 1 3
6	E FFECTINDEXROTATE	0	0–1 Safe 2–49 zero 50–50 max CW 51–52 <<< 53–151 Rotate -100 -1% 152–154 stop 155–254 Rotate 1 100% 255–255 >>>
7	E FFECTINDEXROTATEMODE	0	0–1 safe 2–49 zero 50–50 max CW 51–52 <<< 53–151 Rotate -100 -1% 152–154 stop 155–253 Rotate 1 100% 254–255 >>>
8	E FFECTMACROS	0	0–254 min macro 255–255 max macro
9	Frost1	0	0–254 min Frost 255–255 max Frost
10	Color Effects1	0	0–254 Safe 255–255 6 Color Effect

16 CH (continued)

Ch	Function	Default	DMX values
11	Focus	0	0–254 min Focus 255–255 max Focus
12	Pan	127	0–126 min 127–254 home 255–255 max
13	Tilt	127	0–126 min 127–254 home 255–255 max
14	Position MSpeed	0	0–254 min Track 255–255 max Track
15	Fixture Global Reset	0	0–25 safe 26–76 Effect Reset 77–127 Pos Reset 128–255 Reset All
16	Lamp Control	0	0–25 Safe 26–100 Lamp Off 101–255 Lamp On

19 CH

19 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–4 Open 5–8 Op+Rd 9–12 Red 13–17 Rd+Org 18–21 Orange 22–25 Org+Blu 26–29 Blue 30–34 Blu+Grn 35–38 Green 39–42 Grn+Mgnta 43–46 Magenta 47–51 Mgnta+Yel 52–55 Light blue 56–59 L Blu+Yel 60–63 Yellow 64–68 L Blu+L Grn 69–72 Light Green 73–76 L Grn+Pnk 77–81 Pink 82–85 Pink+CTB 1 86–89 CTB 1 90–93 CTB 1+ Fluorescence 94–98 Fluorescence 99–102 Fluorescence+CTO 1 103–106 CTO 1 107–110 CTO 1+CTO 2 111–115 CTO 2 116–119 CTO2+CTB 2 120–123 CTB 2 124–127 CTB 2+Open 128–128 >>> 129–191 Spin 100 1% 192–254 Spin-1 -100% 255–255 <<<

19 CH (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	255	0–31 closed 32–63 open(1) 64–94 min strobe 95–95 max strobe 96–127 open(2) 128–142 max Open Pulse 143–143 min Open Pulse 144–158 min Close Pulse 159–159 max Close Pulse 160–191 open(3) 192–222 min Rnd Strobe 223–223 ma Rnd Strobe 224–255 open
3	Dimmer	0	0–254 closed 255–255 open
4	Gobo	0	0–3 Open 4–7 gobo 1 1 8–11 gobo 1 2 12–16 gobo 1 3 17–21 gobo 1 4 22–25 gobo 1 5 26–29 gobo 1 6 30–33 gobo 1 7 34–37 gobo 1 8 38–42 gobo 1 9 43–46 gobo 1 10 47–51 gobo 1 11 52–55 gobo 1 12 56–59 gobo 1 13 67–71 Animation Wheel 72–72 >>> 73–113 Spin 100 1% 114–117 stop 118–158 Spin-1 -100% 159–159 <<< 160–166 gobo 1 1 167–173 gobo 1 2 174–181 gobo 1 3 182–188 gobo 1 4 189–195 gobo 1 5 196–203 gobo 1 6 204–210 gobo 1 7 211–217 gobo 1 8 218–224 gobo 1 9 225–232 gobo 1 10 233–239 gobo 1 11 240–246 gobo 1 12 247–255 gobo 1 13
5	Effect	0	0–15 safe 16–95 Prism 1 1 96–175 Prism 1 2 176–255 Prism 1 3
6	E FFECTINDEXROTATE	0	0–1 Safe 2–49 zero 50–50 max CW 51–52 >>> 53–151 Rotate 100 1% 152–154 stop 155–254 Rotate -1 -100% 255–255 <<<

19 CH (continued)

Ch	Function	Default	DMX values
7	E FFECTWHEEL	0	0–15 safe 16–95 Prism 2 1 96–255 Prism 2 2
8	E FFECTINDEXROTATEMODE	0	0–1 safe 2–49 zero 50–50 max CW 51–52 >>> 53–151 Rotate 100 1% 152–154 stop 155–253 Rotate -1 -100% 254–255 <<<
9	E FFECTMACROS	0	0–254 min macro 255–255 max macro
10	Frost1	0	0–254 min Frost 255–255 max Frost
11	Color Effects1	0	0–254 Safe 255–255 6 Color Effect
12	Focus	0	0–254 min Focus 255–255 max Focus
13	Pan	128	0–127 min 128–254 home 255–255 max
14	Pan Fine	0	Fine byte of Pan
15	Tilt	128	0–127 min 128–254 home 255–255 max
16	Tilt Fine	0	Fine byte of Tilt
17	Position MSpeed	0	0–254 min Track 255–255 max Track
18	Fixture Global Reset	0	0–25 safe 26–76 Effect Reset 77–127 Pos Reset 128–255 Reset All
19	Lamp Control	0	0–25 Safe 26–100 Lamp Off 101–255 Lamp On