stagetronix

CYCLOPS MHW-1940 IP



Manufacturer	**stagetronix**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**19, 27 channels**
Beam angle	**9-41.7°**
Pan range	**540°**
Tilt range	**232°**
Heads / cells	**3**
Size (W × H × D)	**219 × 161 × 220 mm**
GDTF fixture type	**029D40E3-9059-40C5-874A-6D…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

Standard	19 ch
Extended	27 ch

Standard

19 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	Pan Tilt Mode	0	
6	Shutter / Strobe	0	0–15 Open 16–214 From Slow to Fast 215–234 Strobe Random · Fast 20–11 Hz 235–254 Strobe Random · Medium 10.5–1.48 Hz 255–255 Strobe Random · Slow 1 Hz
7	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
8	Dimmer Mode	0	0–49 Mode 1 50–99 Mode 2 100–149 Mode 3 150–255 Mode 4
9	Zoom	128	0–127 Wide 128–254 Medium 255–255 Narrow
10	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
11	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
12	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
13	White	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
14	C TC	0	
15	Effect	0	0–9 Disabled 10–99 3 Numbers 1 Effect 100–149 Jump 150–255 Gradual Change

Standard (continued)

Ch	Function	Default	DMX values
16	Effect 2	0	0–19 Disabled 20–39 Zone 1 40–59 Zone 2 60–79 Zone 3 80–99 Zone 4 100–119 Zone 5 120–139 Zone 6 140–159 Zone 7 160–179 Zone 8 180–199 Zone 9 200–219 Zone 10 220–255 Zone 11
17	Effect Speed 2	128	
18	Effects2Fade	0	
19	Fixture Global Reset	0	0–79 Nil 80–99 Reset 100–255 Nil

Extended

27 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	Pan Tilt Mode	0	
6	Shutter / Strobe	2	0–15 Open 16–214 From Slow to Fast 215–234 Strobe Random · Fast 20–11 Hz 235–254 Strobe Random · Medium 10.5–1.48 Hz 255–255 Strobe Random · Slow 1 Hz
7	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
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9	Zoom	128	0–127 Wide 128–254 Medium 255–255 Narrow
10	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
11	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

Extended (continued)

Ch	Function	Default	DMX values
12	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
13	White	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
14	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
15	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
16	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
17	White	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
18	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
19	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
20	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
21	White	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
22	C TC	0	
23	Effect	0	0–9 Disabled 10–99 3 Numbers 1 Effect 100–149 Jump 150–255 Gradual Change

Extended (continued)

Ch	Function	Default	DMX values
24	Effect 2	0	0–19 Disabled 20–39 Zone 1 40–59 Zone 2 60–79 Zone 3 80–99 Zone 4 100–119 Zone 5 120–139 Zone 6 140–159 Zone 7 160–179 Zone 8 180–199 Zone 9 200–219 Zone 10 220–255 Zone 11
25	Effect Speed 2	128	
26	Effects2Fade	0	
27	Fixture Global Reset	0	0–79 Nil 80–99 Reset 100–255 Nil