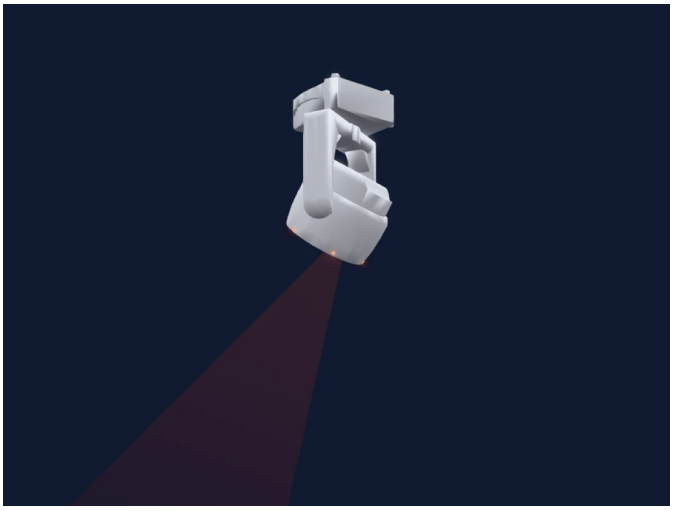
Artfox

Ostar Eye K18



Manufacturer	**Artfox**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**20, 40 channels**
Beam angle	**6.5-60°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**2**
Size (W × H × D)	**290 × 231 × 285 mm**
GDTF fixture type	**61A5FB23-3C2E-4B33-A2B7-35…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

Standard 20 CH	20 ch
Zones 40 CH	40 ch

Standard 20 CH

20 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–224 Max 225–225 Min 226–255 OFF
6	Shutter / Strobe	1	0–1 OPEN 2–255 Sync Strobe S > F - Strobe
7	Dimmer	0	
8	Dimmer Curve	0	0–49 Mode 1 50–99 Mode 2 100–149 Mode 3 150–255 Mode 4
9	Rot	190	0–126 0 127–127 60 128–189 Max CCW 190–190 Min CW 191–192 Stop 193–254 Min CW 255–255 Max CCW
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	255	
14	Color Wheel	0	0–4 Open (wheel slot 1) 5–29 R (wheel slot 2) 30–54 G (wheel slot 3) 55–79 B (wheel slot 4) 80–104 W (wheel slot 5) 105–129 Rainbow Colours 1 (wheel slot 6) 130–154 Rainbow Colours 2 (wheel slot 7) 155–174 Rainbow Colours 3 (wheel slot 8) 175–179 Rainbow Colours 4 (wheel slot 9) 180–184 Rainbow Colours 5 (wheel slot 10) 185–189 Rainbow Colours 6 (wheel slot 11) 190–210 Rainbow Colours 7 (wheel slot 12) 211–254 X-Fade colours slow (wheel slot 13) 255–255 X-Fade colours fast (wheel slot 14)

Standard 20 CH (continued)

Ch	Function	Default	DMX values
15	Color Wheel 2	0	0–4 Open (wheel slot 1) 5–9 White 1 (wheel slot 2) 10–14 White 2 (wheel slot 3) 15–19 White 3 (wheel slot 4) 20–24 White 4 (wheel slot 5) 25–29 White 5 (wheel slot 6) 30–34 White 7 (wheel slot 7) 35–39 Color 1 (wheel slot 8) 40–44 Color 2 (wheel slot 9) 45–49 Color 3 (wheel slot 10) 50–54 Color 4 (wheel slot 11) 55–59 Color 5 (wheel slot 12) 60–64 Color 6 (wheel slot 13) 65–69 Color 7 (wheel slot 14) 70–74 Color 8 (wheel slot 15) 75–79 Color 9 (wheel slot 16) 80–84 Color 10 (wheel slot 17) 85–89 Color 11 (wheel slot 18) 90–94 Color 12 (wheel slot 19) 95–99 Color 13 (wheel slot 20) 100–104 Color 14 (wheel slot 21) 105–109 Color 15 (wheel slot 22) 110–114 Color 16 (wheel slot 23) 115–119 Color 17 (wheel slot 24) 120–124 Color 18 (wheel slot 25) 125–129 Color 19 (wheel slot 26) 130–134 Color 20 (wheel slot 27) 135–139 Color 21 (wheel slot 28) 140–144 Color 22 (wheel slot 29) 145–149 Color 23 (wheel slot 30) 150–154 Color 24 (wheel slot 31) 155–159 Color 25 (wheel slot 32) 160–164 Color 26 (wheel slot 33) 165–169 Color 27 (wheel slot 34) 170–255 Reserved (wheel slot 35)
16	Color Mix Mode	0	0–254 100 255–255 0
17	Effect	0	0–14 OFF 15–30 Pattern 1 31–46 Pattern 2 47–62 Pattern 3 63–78 Pattern 4 79–94 Pattern 5 95–110 Pattern 6 111–126 Pattern 7 127–142 Pattern 8 143–158 Pattern 9 159–174 Pattern 10 175–190 Pattern 11 191–206 Pattern 12 207–222 Pattern 13 223–238 Pattern 14 239–255 Pattern 15
18	Effect Speed	125	0–124 Fast 125–125 Slow 126–130 Stop 131–254 Slow 255–255 Fast
19	Effects1Fade	0	

Standard 20 CH (continued)

Ch	Function	Default	DMX values
20	Fixture Global Reset	0	0–79 OFF 80–99 Reset all Motors 100–255 OFF

Zones 40 CH

40 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–224 Max 225–225 Min 226–255 OFF
6	Shutter / Strobe	1	0–1 OPEN 2–255 Sync Strobe S > F - Strobe
7	Dimmer	255	
8	Dimmer Curve	0	0–49 Mode 1 50–99 Mode 2 100–149 Mode 3 150–255 Mode 4
9	Rot	190	0–126 0 127–127 60 128–189 Max CCW 190–190 Min CW 191–192 Stop 193–254 Min CW 255–255 Max CCW
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	255	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	

Zones 40 CH (continued)

Ch	Function	Default	DMX values
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Color Wheel	0	0–4 Open (wheel slot 1) 5–29 R (wheel slot 2) 30–54 G (wheel slot 3) 55–79 B (wheel slot 4) 80–104 W (wheel slot 5) 105–129 Rainbow Colours 1 (wheel slot 6) 130–154 Rainbow Colours 2 (wheel slot 7) 155–174 Rainbow Colours 3 (wheel slot 8) 175–179 Rainbow Colours 4 (wheel slot 9) 180–184 Rainbow Colours 5 (wheel slot 10) 185–189 Rainbow Colours 6 (wheel slot 11) 190–210 Rainbow Colours 7 (wheel slot 12) 211–254 X-Fade colours slow (wheel slot 13) 255–255 X-Fade colours fast (wheel slot 14)
35	Color Wheel 2	0	0–4 Open (wheel slot 1) 5–9 White 1 (wheel slot 2) 10–14 White 2 (wheel slot 3) 15–19 White 3 (wheel slot 4) 20–24 White 4 (wheel slot 5) 25–29 White 5 (wheel slot 6) 30–34 White 7 (wheel slot 7) 35–39 Color 1 (wheel slot 8) 40–44 Color 2 (wheel slot 9) 45–49 Color 3 (wheel slot 10) 50–54 Color 4 (wheel slot 11) 55–59 Color 5 (wheel slot 12) 60–64 Color 6 (wheel slot 13) 65–69 Color 7 (wheel slot 14) 70–74 Color 8 (wheel slot 15) 75–79 Color 9 (wheel slot 16) 80–84 Color 10 (wheel slot 17) 85–89 Color 11 (wheel slot 18) 90–94 Color 12 (wheel slot 19) 95–99 Color 13 (wheel slot 20) 100–104 Color 14 (wheel slot 21) 105–109 Color 15 (wheel slot 22) 110–114 Color 16 (wheel slot 23) 115–119 Color 17 (wheel slot 24) 120–124 Color 18 (wheel slot 25) 125–129 Color 19 (wheel slot 26) 130–134 Color 20 (wheel slot 27) 135–139 Color 21 (wheel slot 28) 140–144 Color 22 (wheel slot 29) 145–149 Color 23 (wheel slot 30) 150–154 Color 24 (wheel slot 31) 155–159 Color 25 (wheel slot 32) 160–164 Color 26 (wheel slot 33) 165–169 Color 27 (wheel slot 34) 170–255 Reserved (wheel slot 35)
36	Color Mix Mode	0	0–254 100 255–255 0

Zones 40 CH (continued)

Ch	Function	Default	DMX values
37	Effect	0	0–14 OFF 15–30 Pattern 1 31–46 Pattern 2 47–62 Pattern 3 63–78 Pattern 4 79–94 Pattern 5 95–110 Pattern 6 111–126 Pattern 7 127–142 Pattern 8 143–158 Pattern 9 159–174 Pattern 10 175–190 Pattern 11 191–206 Pattern 12 207–222 Pattern 13 223–238 Pattern 14 239–255 Pattern 15
38	Effect Speed	125	0–124 Fast 125–125 Slow 126–130 Stop 131–254 Slow 255–255 Fast
39	Effects1Fade	0	
40	Fixture Global Reset	0	0–79 OFF 80–99 Reset all Motors 100–255 OFF