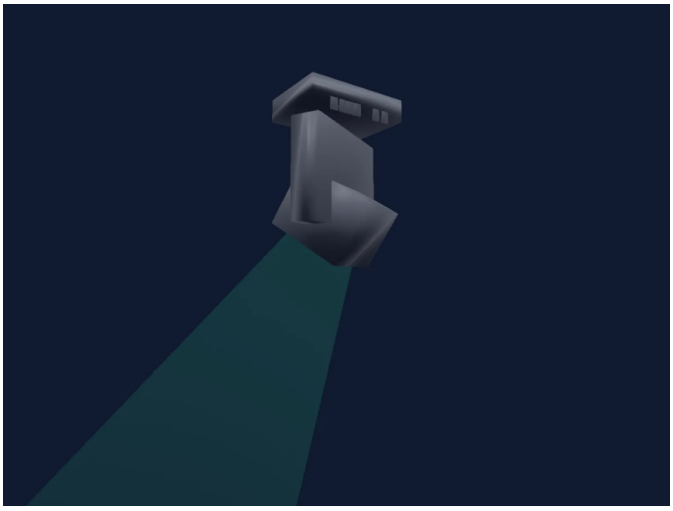
Brighter

Eye 500 PRO HI-CRI



Manufacturer	**Brighter**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**14, 27 channels**
Beam angle	**10-60°**
Pan range	**540°**
Tilt range	**210°**
Heads / cells	**3**
Size (W × H × D)	**210 × 170 × 210 mm**
GDTF fixture type	**F9F00D9A-90BF-43DB-9BAD-9…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Movement speed

Safety-relevant functions

Fixture reset

DMX modes

14Ch	14 ch
27Ch	27 ch

14Ch

14 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	255	0–19 Closed 20–24 Open 25–64 Strobe · F>S 30–0 Hz 65–69 Open 70–84 Pulse Open 85–89 Open 90–104 Pulse Close 105–109 Open 110–124 Rnd Strobe · F>S 30–0 Hz 125–129 Open 130–144 Rnd Pulse Open · F>S 30–0 Hz 145–149 Open 150–164 Rnd Pulse Close · F>S 30–0 Hz 165–169 Open 170–184 Burst Pulse · F>S 30–0 Hz 185–189 Open 190–204 Rnd Burst Pulse · F>S 30–0 Hz 205–209 Open 210–224 Sine Wave strobe · F>S 30–0 Hz 225–229 Open 230–244 Burst strobe · F>S 30–0 Hz 245–255 Open
2	Dimmer	0	
3	Zoom	0	
4	Pan	128	
5	Pan Fine	128	Fine byte of Pan
6	Tilt	128	
7	Tilt Fine	0	Fine byte of Tilt
8	Control1	0	0–9 No Function 10–14 Reset 15–39 No Function 40–44 P/T Norm 45–49 P/T FAST 50–54 P/T SLOW 55–59 No Function 60–64 Fan Full 65–69 No Function 70–74 Fan Regular 75–89 No Function 90–94 Line 95–99 Square 100–104 I-Square 105–109 S-mode 110–114 Speed 115–119 No function 120–124 Smooth 125–249 No Function 250–255 Illuminate display

14Ch (continued)

Ch	Function	Default	DMX values
9	Color Macro1	0	0–9 Open (wheel slot 1) 10–14 Moroccan Pink (wheel slot 2) 15–19 Pink (wheel slot 3) 20–24 Rose Pink (wheel slot 4) 25–29 Follies Pink (wheel slot 5) 30–34 Fuchsia Pink (wheel slot 6) 35–39 Suprise Pink (wheel slot 7) 40–44 Congo blue (wheel slot 8) 45–49 Tokyo Blue (wheel slot 9) 50–54 Deep blue (wheel slot 10) 55–59 Just Blue (wheel slot 11) 60–64 Medium blue (wheel slot 12) 65–69 Double CT blue (wheel slot 13) 70–74 Slate Blue (wheel slot 14) 75–79 Full CT Blue (wheel slot 15) 80–84 Half CT Blue (wheel slot 16) 85–89 Steel Blue (wheel slot 17) 90–94 Lighter Blue (wheel slot 18) 95–99 Light Blue (wheel slot 19) 100–104 Blue-Green (wheel slot 20) 105–109 Dark Green (wheel slot 21) 110–114 Primary Green (wheel slot 22) 115–119 Moss Green (wheel slot 23) 120–124 Fern Green (wheel slot 24) 125–129 JAS Green (wheel slot 25) 130–134 Lime Green (wheel slot 26) 135–139 Spring Yellow (wheel slot 27) 140–144 Deep Amber (wheel slot 28) 145–149 Chrome Orange (wheel slot 29) 150–154 Orange (wheel slot 30) 155–159 Gold Amber (wheel slot 31) 160–164 Millennium Gold (wheel slot 32) 165–169 Golden Amber (wheel slot 33) 170–174 Flame Red (wheel slot 34) 175–179 Open (wheel slot 1) 180–201 CW F>S 202–208 Open (wheel slot 1) 209–229 CCW S>F 230–234 Open (wheel slot 1) 235–249 Rnd S>F 250–255 Open (wheel slot 1)
10	Red	255	
11	Green	255	
12	Blue	255	
13	Color Add WW	255	
14	C TO	0	0–21 Off 22–39 2200K 40–57 2400K 58–75 2800K 76–93 3200K 94–111 3600K 112–129 4200K 130–147 4800K 148–165 5600K 166–183 6500K 184–201 7500K 202–219 8500K 220–237 9500K 238–255 10000K

27Ch

27 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Position MSpeed	0	
6	Zoom	0	
7	Fixture Global Reset	0	0–9 No Function 10–14 Reset 15–255 Empty Channel Set
8	Dimmer	0	
9	Shutter / Strobe	255	0–19 Closed 20–24 Open 25–64 Strobe · F>S 30–0 Hz 65–69 Open 70–84 Pulse Open 85–89 Open 90–104 Pulse Close 105–109 Open 110–124 Rnd Strobe · F>S 30–0 Hz 125–129 Open 130–144 Rnd Pulse Open · F>S 30–0 Hz 145–149 Open 150–164 Rnd Pulse Close · F>S 30–0 Hz 165–169 Open 170–184 Burst Pulse · F>S 30–0 Hz 185–189 Open 190–204 Rnd Burst Pulse · F>S 30–0 Hz 205–209 Open 210–224 Sine Wave strobe · F>S 30–0 Hz 225–229 Open 230–244 Burst strobe · F>S 30–0 Hz 245–255 Open
10	Red	255	
11	Green	255	
12	Blue	255	
13	Color Add WW	255	

27Ch (continued)

Ch	Function	Default	DMX values
14	Color Macro1	0	0–9 Off 10–17 Col 1 18–24 Col 2 25–32 Col 3 33–39 Col 4 40–47 Col 5 48–54 Col 6 55–61 Col 7 62–69 Col 8 70–76 Col 9 77–84 Col 10 85–91 Col 11 92–99 Col 12 100–106 Col 13 107–113 Col 14 114–121 Col 15 122–128 Col 16 129–136 Col 17 137–143 Col 18 144–151 Col 19 152–158 Col 20 159–165 Col 21 166–173 Col 22 174–180 Col 23 181–188 Col 24 189–195 Col 25 196–203 Col 26 204–210 Col 27 211–217 Col 28 218–225 Col 29 226–232 2700K 233–240 3200K 241–247 4200K 248–255 5600K
15	Red	255	
16	Green	255	
17	Blue	255	
18	Color Add WW	255	

27Ch (continued)

Ch	Function	Default	DMX values
19	Color Macro1	0	0–9 Off 10–17 Col 1 18–24 Col 2 25–32 Col 3 33–39 Col 4 40–47 Col 5 48–54 Col 6 55–61 Col 7 62–69 Col 8 70–76 Col 9 77–84 Col 10 85–91 Col 11 92–99 Col 12 100–106 Col 13 107–113 Col 14 114–121 Col 15 122–128 Col 16 129–136 Col 17 137–143 Col 18 144–151 Col 19 152–158 Col 20 159–165 Col 21 166–173 Col 22 174–180 Col 23 181–188 Col 24 189–195 Col 25 196–203 Col 26 204–210 Col 27 211–217 Col 28 218–225 Col 29 226–232 2700K 233–240 3200K 241–247 4200K 248–255 5600K
20	Red	255	
21	Green	255	
22	Blue	255	
23	Color Add WW	255	

27Ch (continued)

Ch	Function	Default	DMX values
24	Color Macro1	0	0–9 Off 10–17 Col 1 18–24 Col 2 25–32 Col 3 33–39 Col 4 40–47 Col 5 48–54 Col 6 55–61 Col 7 62–69 Col 8 70–76 Col 9 77–84 Col 10 85–91 Col 11 92–99 Col 12 100–106 Col 13 107–113 Col 14 114–121 Col 15 122–128 Col 16 129–136 Col 17 137–143 Col 18 144–151 Col 19 152–158 Col 20 159–165 Col 21 166–173 Col 22 174–180 Col 23 181–188 Col 24 189–195 Col 25 196–203 Col 26 204–210 Col 27 211–217 Col 28 218–225 Col 29 226–232 2700K 233–240 3200K 241–247 4200K 248–255 5600K
25	Animation System1Macro	0	0–50 Off 51–59 Macro 1 60–69 Macro 2 70–77 Macro 3 78–86 Macro 4 87–95 Macro 5 96–255 Macro 6
26	Macro Speed	0	
27	C TO	0	0–21 Off 22–39 2200K 40–57 2400K 58–75 2800K 76–93 3200K 94–111 3600K 112–129 4200K 130–147 4800K 148–165 5600K 166–183 6500K 184–201 7500K 202–219 8500K 220–237 9500K 238–255 10000K