Brighter

X-profile IP



Manufacturer	**Brighter**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**33, 43 channels**
Beam angle	**4.5-50°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**250 × 490 × 200 mm**
GDTF fixture type	**1E4E90AA-AEBF-40C4-A667-D5…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset

DMX modes

33Ch	33 ch
43Ch	43 ch

33Ch

33 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	Position MSpeed	0	0–254 Fast 255–255 Slow
6	Cyan	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
7	Magenta	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
8	Yellow	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
9	C TO	0	0–29 7000K 30–43 6500K 44–53 6000K 54–72 5600K 73–86 5000K 87–107 4600K 108–124 4000K 125–150 3600K 151–169 3200K 170–212 3000K 213–254 2700K 255–255 2500K
10	C RIMode	0	0–126 Off (wheel slot 1) 127–255 Cri 90+ (wheel slot 2)
11	Color Wheel	0	0–115 Color Whel Positioning 116–120 White (wheel slot 1) 121–130 Red (wheel slot 2) 131–140 Blue (wheel slot 3) 141–150 Yellow (wheel slot 4) 151–160 Green (wheel slot 5) 161–170 Cyan (wheel slot 6) 171–192 White (wheel slot 1) 193–199 CCW Fast 200–213 CCW Med 214–223 CCW Slow 224–229 Stop 230–239 CW Slow 240–254 CW Med 255–255 CW Fast
12	Color Wheel Fine	0	Fine byte of Color Wheel
13	Iris	0	0–224 Open 225–235 Max 236–255 Fast
14	Iris Fine	0	Fine byte of Iris

33Ch (continued)

Ch	Function	Default	DMX values
15	Frost1	0	0–127 Off 128–254 Mid 255–255 Max
16	Zoom	127	0–126 Narrow 127–254 Med 255–255 Wide
17	Zoom Fine	255	Fine byte of Zoom
18	Focus	127	
19	Focus Fine	255	Fine byte of Focus
20	Shutter / Strobe	255	0–3 Closed 4–29 Random Strobe · Min 1–12.8 Hz 30–54 Random Strobe · Med 13.2–24.5 Hz 55–55 Random Strobe · Max 25 Hz 56–77 Pulse Strobe · Min 1–12.7 Hz 78–98 Pulse Strobe · Med 13.3–24.4 Hz 99–99 Pulse Strobe · Max 25 Hz 100–124 Pulse Close · Min 1–12.8 Hz 125–148 Pulse Close · Med 13.2–24.5 Hz 149–149 Pulse Close · Max 25 Hz 150–174 Pulse Open · Min 1–12.8 Hz 175–198 Pulse Open · Med 13.2–24.5 Hz 199–199 Pulse Open · Max 25 Hz 200–224 Strobe · Min 1–12.8 Hz 225–248 Strobe · Med 13.2–24.5 Hz 249–249 Strobe · Max 25 Hz 250–255 Open
21	Dimmer	0	0–254 Closed 255–255 Open
22	Dimmer Fine	0	Fine byte of Dimmer
23	Shaper Rot	128	
24	Shaper Rot Fine	128	Fine byte of Shaper Rot
25	Blade2B	0	
26	Blade2A	0	
27	Blade4A	0	
28	Blade4B	0	
29	Blade3A	0	
30	Blade3B	0	
31	Blade1A	0	
32	Blade1B	0	

33Ch (continued)

Ch	Function	Default	DMX values
33	Control1	0	0–5 Menu Set 6–20 Pan Invert On 21–25 Pan Invert Off 26–30 Tilt Invert On 31–35 Tilt Invert Off 36–40 Blackout when move 41–45 off 46–50 NoFeature 1 51–55 Fan Super Silent 56–60 Fan Silent 61–65 Fan Auto 66–70 Fan Full 71–75 Linear 76–80 Square 81–85 I-Square 86–90 S-Shape 91–95 400Hz 96–100 1200Hz 101–105 2000Hz 106–110 4000Hz 111–115 6000Hz 116–120 8000Hz 121–125 16kHz 126–130 24kHz 131–135 Backlight On 136–140 Backlight for 15s 141–145 Backlight for 30s 146–150 Backlight for 60s 151–155 Dimmer Speed 156–160 Dimmer Fast 161–200 NoFeature 201–215 Beam Reset 216–230 P/T Reset 231–245 Overall reset 246–250 Focus on blades Off 251–255 Focus on blades On

43Ch

43 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	Position MSpeed	0	0–254 Fast 255–255 Slow
6	Cyan	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
7	Magenta	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

43Ch (continued)

Ch	Function	Default	DMX values
8	Yellow	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
9	C TO	0	0–29 7000K 30–43 6500K 44–53 6000K 54–72 5600K 73–86 5000K 87–107 4600K 108–124 4000K 125–150 3600K 151–169 3200K 170–212 3000K 213–254 2700K 255–255 2500K
10	C RIMode	0	0–126 Off (wheel slot 1) 127–255 Cri 90+ (wheel slot 2)
11	Color Wheel	0	0–115 Color Whel Positioning 116–120 White (wheel slot 1) 121–130 Red (wheel slot 2) 131–140 Blue (wheel slot 3) 141–150 Yellow (wheel slot 4) 151–160 Green (wheel slot 5) 161–170 Cyan (wheel slot 6) 171–192 White (wheel slot 1) 193–199 CCW Fast 200–213 CCW Med 214–223 CCW Slow 224–229 Stop 230–239 CW Slow 240–254 CW Med 255–255 CW Fast
12	Color Wheel Fine	0	Fine byte of Color Wheel
13	Gobo	0	0–5 Open (wheel slot 1) 6–16 Gobo 1 (wheel slot 2) 17–27 Gobo 2 (wheel slot 3) 28–38 Gobo 3 (wheel slot 4) 39–49 Gobo 4 (wheel slot 5) 50–60 Gobo 5 (wheel slot 6) 61–71 Gobo 6 (wheel slot 7) 72–82 Gobo 7 (wheel slot 8) 83–93 Gobo 8 (wheel slot 9) 94–105 Gobo 8 Shake (wheel slot 9) 106–117 Gobo 7 Shake (wheel slot 8) 118–129 Gobo 6 Shake (wheel slot 7) 130–141 Gobo 5 Shake (wheel slot 6) 142–153 Gobo 4 Shake (wheel slot 5) 154–165 Gobo 3 Shake (wheel slot 4) 166–177 Gobo 2 Shake (wheel slot 3) 178–189 Gobo 1 Shake (wheel slot 2) 190–205 CCW Fast 206–214 CCW Med 215–221 CCW Slow 222–228 Stop 229–244 CW Slow 245–254 CW Med 255–255 CW Fast

43Ch (continued)

Ch	Function	Default	DMX values
14	Gobo 2	0	0–7 Open (wheel slot 1) 8–20 Gobo 1 (wheel slot 2) 21–33 Gobo 2 (wheel slot 3) 34–46 Gobo 3 (wheel slot 4) 47–59 Gobo 4 (wheel slot 5) 60–72 Gobo 5 (wheel slot 6) 73–85 Gobo 6 (wheel slot 7) 86–98 Gobo 7 (wheel slot 8) 99–111 Gobo 7 Shake (wheel slot 8) 112–124 Gobo 6 Shake (wheel slot 7) 125–137 Gobo 5 Shake (wheel slot 6) 138–150 Gobo 4 Shake (wheel slot 5) 151–163 Gobo 3 Shake (wheel slot 4) 164–176 Gobo 2 Shake (wheel slot 3) 177–189 Gobo 1 Shake (wheel slot 2) 190–205 CCW Fast 206–214 CCW Med 215–221 CCW Slow 222–228 Stop 229–244 CW Slow 245–254 CW Med 255–255 CW Fast
15	Gobo Rotation 2	0	0–127 Index 360 128–150 CW Fast 151–189 CW Med 190–191 CW Slow 192–193 Stop 194–229 CCW Slow 230–254 CCW Med 255–255 CCW Fast
16	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
17	Animation Wheel1	0	0–9 Open (wheel slot 1) 10–192 Linear Insert (wheel slot 2) 193–255 Ramp from open to full
18	Animation Wheel1Pos	128	1–49 CW Fast 50–109 CW Med 110–127 CW Slow 128–149 Stop 150–199 CWW Slow 200–254 CCW Med 255–255 CCW Fast
19	Iris	0	0–224 Open 225–235 Max 236–255 Fast
20	Iris Fine	0	Fine byte of Iris
21	Prism	0	0–7 Pri Off (wheel slot 1) 8–255 Pri On (wheel slot 2)
22	Prism Rotation	192	0–127 Index 128–191 CW fast to slow 192–192 Stop 193–255 CCW slow to fast
23	Prism	0	0–7 Pri Off (wheel slot 1) 8–255 Pri On (wheel slot 3)
24	Prism Rotation	192	0–127 Index 128–191 CW fast to slow 192–192 Stop 193–255 CCW slow to fast

43Ch (continued)

Ch	Function	Default	DMX values
25	Frost1	0	0–127 Off 128–254 Mid 255–255 Max
26	Zoom	127	0–126 Narrow 127–254 Med 255–255 Wide
27	Zoom Fine	255	Fine byte of Zoom
28	Focus	127	
29	Focus Fine	255	Fine byte of Focus
30	Shutter / Strobe	255	0–3 Closed 4–29 Random Strobe · Min 1–12.8 Hz 30–54 Random Strobe · Med 13.2–24.5 Hz 55–55 Random Strobe · Max 25 Hz 56–77 Pulse Strobe · Min 1–12.7 Hz 78–98 Pulse Strobe · Med 13.3–24.4 Hz 99–99 Pulse Strobe · Max 25 Hz 100–124 Pulse Close · Min 1–12.8 Hz 125–148 Pulse Close · Med 13.2–24.5 Hz 149–149 Pulse Close · Max 25 Hz 150–174 Pulse Open · Min 1–12.8 Hz 175–198 Pulse Open · Med 13.2–24.5 Hz 199–199 Pulse Open · Max 25 Hz 200–224 Strobe · Min 1–12.8 Hz 225–248 Strobe · Med 13.2–24.5 Hz 249–249 Strobe · Max 25 Hz 250–255 Open
31	Dimmer	0	0–254 Closed 255–255 Open
32	Dimmer Fine	0	Fine byte of Dimmer
33	Shaper Rot	128	
34	Shaper Rot Fine	128	Fine byte of Shaper Rot
35	Blade2B	0	
36	Blade2A	0	
37	Blade4A	0	
38	Blade4B	0	
39	Blade3A	0	
40	Blade3B	0	
41	Blade1B	0	
42	Blade1A	0	

43Ch (continued)

Ch	Function	Default	DMX values
43	Control1	0	0–5 Menu Set 6–20 Pan Invert On 21–25 Pan Invert Off 26–30 Tilt Invert On 31–35 Tilt Invert Off 36–40 Blackout when move 41–45 off 46–50 NoFeature 1 51–55 Fan Super Silent 56–60 Fan Silent 61–65 Fan Auto 66–70 Fan Full 71–75 Linear 76–80 Square 81–85 I-Square 86–90 S-Shape 91–95 400Hz 96–100 1200Hz 101–105 2000Hz 106–110 4000Hz 111–115 6000Hz 116–120 8000Hz 121–125 16kHz 126–130 24kHz 131–135 Backlight On 136–140 Backlight for 15s 141–145 Backlight for 30s 146–150 Backlight for 60s 151–155 Dimmer Speed 156–160 Dimmer Fast 161–200 NoFeature 201–215 Beam Reset 216–230 P/T Reset 231–245 Overall reset 246–250 Focus on blades Off 251–255 Focus on blades On