Brighter

Smart Hybrid 300 Pro



Manufacturer	**Brighter**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**22 channels**
Beam angle	**4-40°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**211 × 369 × 201 mm**
GDTF fixture type	**B5BC22ED-BAA4-4A5E-82D1-A…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset

DMX modes

22Ch — 22 ch

22Ch

22 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	Dimmer	0	0–254 Closed 255–255 Open
7	Shutter / Strobe	0	0–5 Oppen 6–34 Strobe · Min 1–14.7 Hz 35–54 Strobe · Med 15.2–24.5 Hz 55–55 Strobe · Max 25 Hz 56–74 Pulse · Min 1–9.82 Hz 75–104 Pulse · Med 10.3–24.5 Hz 105–105 Pulse · Max 25 Hz 106–124 Random · Min 1–9.82 Hz 125–154 Random · Med 10.3–24.5 Hz 155–155 Random · Max 25 Hz 156–174 Pulse Open · Min 1–9.82 Hz 175–204 Pulse Open · Med 10.3–24.5 Hz 205–205 Pulse Open · Max 25 Hz 206–234 Pulse Close · Min 1–14.7 Hz 235–254 Pulse Close · Med 15.2–24.5 Hz 255–255 Pulse Close · Max 25 Hz
8	Color Wheel	0	0–9 Open (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Green (wheel slot 3) 30–39 Blue (wheel slot 4) 40–49 Yellow (wheel slot 5) 50–59 Orange (wheel slot 6) 60–69 Magenta (wheel slot 7) 70–79 CTO (wheel slot 8) 80–139 Color Positioning 140–203 CW F>S 204–204 Stop 205–255 CCW S>F
9	Cyan	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
10	Magenta	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
11	Yellow	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
12	C TO	0	

22Ch (continued)

Ch	Function	Default	DMX values
13	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–89 Gobo 8 (wheel slot 9) 90–99 Gobo 9 (wheel slot 10) 100–109 Gobo 9 Shake (wheel slot 10) 110–119 Gobo 8 Shake (wheel slot 9) 120–129 Gobo 7 Shake (wheel slot 8) 130–139 Gobo 6 Shake (wheel slot 7) 140–149 Gobo 5 Shake (wheel slot 6) 150–159 Gobo 4 Shake (wheel slot 5) 160–169 Gobo 3 Shake (wheel slot 4) 170–179 Gobo 2 Shake (wheel slot 3) 180–189 Gobo 1 Shake (wheel slot 2) 190–204 CW Fast 205–219 CW Med 220–222 CW Slow 223–225 Stop 226–239 CCW Slow 240–254 CCW Med 255–255 CCW Fast
14	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–89 Gobo 7 Shake (wheel slot 8) 90–99 Gobo 6 Shake (wheel slot 7) 100–109 Gobo 5 Shake (wheel slot 6) 110–119 Gobo 4 Shake (wheel slot 5) 120–129 Gobo 3 Shake (wheel slot 4) 130–139 Gobo 2 Shake (wheel slot 3) 140–149 Gobo 1 Shake (wheel slot 2) 150–169 CW Fast 170–194 CW Med 195–199 CW Slow 200–209 Stop 210–234 CCW Slow 235–254 CCW Med 255–255 CCW Fast
15	Gobo Rotation 2	0	0–127 Index 360 128–149 CW Fast 150–187 CW Med 188–190 CW Slow 191–194 Stop 195–229 CCW Slow 230–254 CCW Med 255–255 CCW Fast
16	Prism	0	0–127 Prism Off (wheel slot 1) 128–255 Prism On (wheel slot 2)

22Ch (continued)

Ch	Function	Default	DMX values
17	Prism Rotation	0	0–127 Index 360 128–149 CW Fast 150–187 CW Med 188–191 CW Slow 192–194 Stop 195–229 CCW Slow 230–254 CCW Med 255–255 CCW Fast
18	Frost1	0	0–127 Off 128–255 On
19	Focus	128	
20	Zoom	128	0–254 Wide 255–255 Narrow
21	Zoom Fine	128	Fine byte of Zoom
22	Control1	0	0–66 Menu Set 67–71 Fan Auto 72–76 Fan Silent 77–81 Fan Full 82–200 NoFeature 201–215 Beam Reset 216–230 P/T Reset 231–245 Overall reset 246–255 NoFeature 1