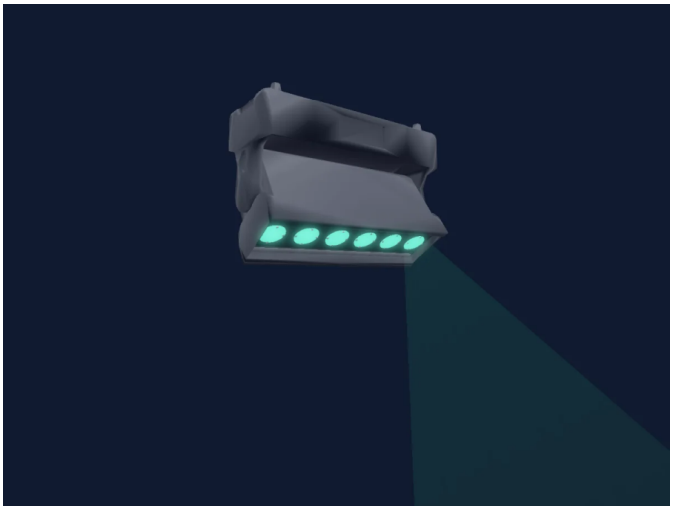
Terbly

GLB6FX IP



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**5**
DMX footprint	**1, 4, 27, 80 channels**
Beam angle	**9.9-72°**
Tilt range	**192°**
Heads / cells	**2**
Size (W × H × D)	**489 × 209 × 160 mm**
GDTF fixture type	**21F8E690-B5E3-44BF-AF0C-A5…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions · Built-in effect programmes

DMX modes

Spark Pixel	1 ch
Strobe Pixel	1 ch
RGBW Pixel	4 ch
Standard	27 ch
Extended	80 ch

Spark Pixel

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

Strobe Pixel

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

RGBW Pixel

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	0	
4	White	0	

Standard

27 channels

Ch	Function	Default	DMX values
1	Tilt	127	
2	Tilt Fine	255	Fine byte of Tilt
3	Position MSpeed	0	0–224 max 225–225 min 226–235 BO by Movement 236–255 no function
4	Shutter / Strobe	63	0–62 Closed 63–63 Open 64–94 min Strobe 95–95 max Strobe 96–127 Open 2 128–158 min Pulse 159–159 max Pulse 160–191 Open 3 192–222 Random · min Rnd 1–24.2 Hz 223–223 Random · maxRnd 25 Hz 224–255 Open 4
5	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default
7	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green

Standard (continued)

Ch	Function	Default	DMX values
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	0	
15	White Fine	0	Fine byte of White
16	Color Macro1	0	0–7 Normal 8–39 Red to Yellow 40–71 Yellow to Green 72–103 Green to Cyan 104–135 Cyan to Blue 136–167 Blue to Magenta 168–199 Magenta to Red 200–231 Red to White 232–255 Cross fading
17	Color Wheel	0	0–4 No function (wheel slot 1) 5–9 2700K (wheel slot 2) 10–14 3200K (wheel slot 3) 15–19 4300K (wheel slot 4) 20–24 5600K (wheel slot 5) 25–29 6500K (wheel slot 6) 30–34 8000K (wheel slot 7) 35–39 Red (wheel slot 8) 40–44 Green (wheel slot 9) 45–49 Blue (wheel slot 10) 50–54 Natural White (wheel slot 11) 55–59 Full White (wheel slot 12) 60–64 Yellow (wheel slot 13) 65–69 Magenta (wheel slot 14) 70–74 Cyan (wheel slot 15) 75–79 Salmon (wheel slot 16) 80–84 Turquoise (wheel slot 17) 85–89 Light Green (wheel slot 18) 90–94 Steel Blue (wheel slot 19) 95–99 Orange (wheel slot 20) 100–104 Straw (wheel slot 21) 105–109 Pale Lavander (wheel slot 22) 110–114 Pink (wheel slot 23) 115–119 Red/White (wheel slot 24) 120–124 Green/Red (wheel slot 25) 125–129 Blue/Red (wheel slot 26) 130–134 White/Red (wheel slot 27) 135–139 White/Pink (wheel slot 28) 140–144 White/Turquoise (wheel slot 29) 145–255 Small Red/White (wheel slot 30)
18	Color Dim	0	0–254 Open 255–255 Closed

Standard (continued)

Ch	Function	Default	DMX values
19	Effect	0	0–25 Safe 26–35 Chase 1 36–45 Chase 2 46–55 Chase 3 56–65 Chase 4 66–75 Chase 5 76–85 Chase 6 86–95 Chase 7 96–105 Chase 8 106–115 Chase 9 116–125 Chase 10 126–135 Chase 11 136–145 Chase 12 146–155 Chase 13 156–165 Chase 14 166–175 Chase 15 176–185 Chase 16 186–195 Chase 17 196–205 Chase 18 206–215 Chase 19 216–225 Chase 20 226–235 Chase 21 236–245 Chase 22 246–255 Chase 23
20	Effect Speed	0	0–0 >>> 1–124 >> 125–125 > 126–130 Stop 131–131 < 132–254 << 255–255 <<<
21	Effects1Fade	0	
22	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance
23	Control1	0	0–39 Normal 40–42 Display Off 43–45 Display ON 46–48 Fan Auto 49–51 Fan High 52–54 Fan Silent 55–57 Fan Studio 58–60 Fan Mute 61–63 Gamma=2'0 64–66 Gamma=2'2 67–69 Gamma=2'4 70–72 Gamma=2'6 73–75 Gamma=2'8 80–84 Reset All 85–90 Reset P/T 91–93 Store white balance enabled 97–99 Reset Zoom 100–119 Internal pro 1 120–139 Internal pro 2 140–159 Internal pro 3 160–179 Internal pro 4 180–199 Internal pro 5 200–219 Internal pro 6 220–255 Internal pro 7

Standard (continued)

Ch	Function	Default	DMX values
24	Shutter / Strobe	63	0–62 Closed 63–63 Open 64–94 min Strobe 95–95 max Strobe 96–127 Open 2 128–158 min Pulse 159–159 max Pulse 160–191 Open 3 192–222 Random · min Rnd 1–24.2 Hz 223–223 Random · maxRnd 25 Hz 224–255 Open 4
25	Dimmer	0	0–254 Closed 255–255 Open
26	Shutter / Strobe	63	0–62 Closed 63–63 Open 64–94 min Strobe 95–95 max Strobe 96–127 Open 2 128–158 min Pulse 159–159 max Pulse 160–191 Open 3 192–222 Random · min Rnd 1–24.2 Hz 223–223 Random · maxRnd 25 Hz 224–255 Open 4
27	Dimmer	0	0–254 Closed 255–255 Open

Extended

80 channels

Ch	Function	Default	DMX values
1	Tilt	127	
2	Tilt Fine	255	Fine byte of Tilt
3	Position MSpeed	0	
4	Shutter / Strobe	63	0–62 Closed 63–63 Open 64–94 min Strobe 95–95 max Strobe 96–127 Open 2 128–158 min Pulse 159–159 max Pulse 160–191 Open 3 192–222 Random · min Rnd 1–24.2 Hz 223–223 Random · maxRnd 25 Hz 224–255 Open 4
5	Dimmer	0	
6	Dimmer Fine	0	Fine byte of Dimmer
7	Dimmer Curve	0	
8	Zoom	128	
9	Zoom Fine	128	Fine byte of Zoom
10	Color Macro1	0	

Extended (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–4 No function (wheel slot 1) 5–9 2700K (wheel slot 2) 10–14 3200K (wheel slot 3) 15–19 4300K (wheel slot 4) 20–24 5600K (wheel slot 5) 25–29 6500K (wheel slot 6) 30–34 8000K (wheel slot 7) 35–39 Red (wheel slot 8) 40–44 Green (wheel slot 9) 45–49 Blue (wheel slot 10) 50–54 Natural White (wheel slot 11) 55–59 Full White (wheel slot 12) 60–64 Yellow (wheel slot 13) 65–69 Magenta (wheel slot 14) 70–74 Cyan (wheel slot 15) 75–79 Salmon (wheel slot 16) 80–84 Turquoise (wheel slot 17) 85–89 Light Green (wheel slot 18) 90–94 Steel Blue (wheel slot 19) 95–99 Orange (wheel slot 20) 100–104 Straw (wheel slot 21) 105–109 Pale Lavander (wheel slot 22) 110–114 Pink (wheel slot 23) 115–119 Red/White (wheel slot 24) 120–124 Green/Red (wheel slot 25) 125–129 Blue/Red (wheel slot 26) 130–134 White/Red (wheel slot 27) 135–139 White/Pink (wheel slot 28) 140–144 White/Turquoise (wheel slot 29) 145–255 Small Red/White (wheel slot 30)
12	Color Dim	0	
13	Effect	0	0–25 Safe 26–35 Chase 1 36–45 Chase 2 46–55 Chase 3 56–65 Chase 4 66–75 Chase 5 76–85 Chase 6 86–95 Chase 7 96–105 Chase 8 106–115 Chase 9 116–125 Chase 10 126–135 Chase 11 136–145 Chase 12 146–155 Chase 13 156–165 Chase 14 166–175 Chase 15 176–185 Chase 16 186–195 Chase 17 196–205 Chase 18 206–215 Chase 19 216–225 Chase 20 226–235 Chase 21 236–245 Chase 22 246–255 Chase 23
14	Effect Speed	0	
15	Effects1Fade	0	
16	Color Calibration Mode	0	
17	Control1	0	
18	Red	255	

Extended (continued)

Ch	Function	Default	DMX values
19	Green	255	
20	Blue	255	
21	White	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	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Shutter / Strobe	63	0–62 Closed 63–63 Open 64–94 min Strobe 95–95 max Strobe 96–127 Open 2 128–158 min Pulse 159–159 max Pulse 160–191 Open 3 192–222 Random · min Rnd 1–24.2 Hz 223–223 Random · maxRnd 25 Hz 224–255 Open 4
43	Dimmer	0	
44	Dimmer Fine	0	Fine byte of Dimmer
45	Dimmer	255	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	

Extended (continued)

Ch	Function	Default	DMX values
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Shutter / Strobe	63	0–62 Closed 63–63 Open 64–94 min Strobe 95–95 max Strobe 96–127 Open 2 128–158 min Pulse 159–159 max Pulse 160–191 Open 3 192–222 Random · min Rnd 1–24.2 Hz 223–223 Random · maxRnd 25 Hz 224–255 Open 4
78	Dimmer	0	
79	Dimmer Fine	0	Fine byte of Dimmer
80	Dimmer	255	