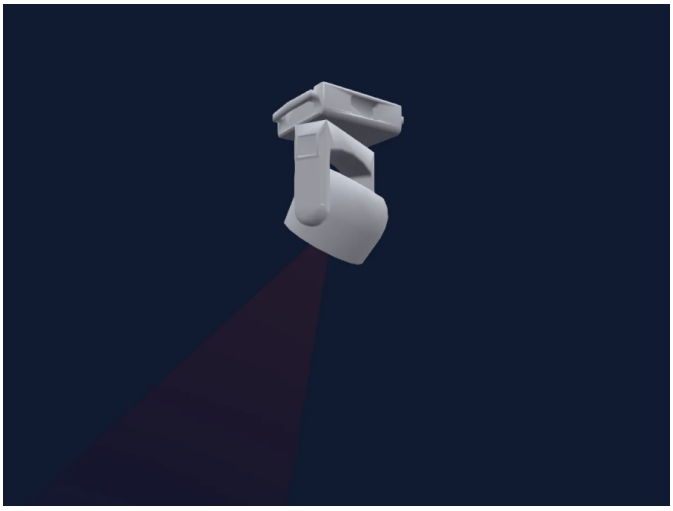
Terbly

GLW20QZ



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**17, 35, 93 channels**
Beam angle	**8-70°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**20**
Size (W × H × D)	**414 × 286 × 410 mm**
GDTF fixture type	**A08E9F01-E186-4CC5-9CEA-97…**

Controls

Zoom · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Built-in effect programmes

DMX modes

Basic	17 ch
Standard	35 ch
Extended	93 ch

Basic

17 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	0–224 max 225–225 min 226–255 BO Movement
4	Shutter / Strobe	63	0–31 Closed 32–63 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	Green	255	
10	Blue	255	
11	White	0	

Basic (continued)

Ch	Function	Default	DMX values
12	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 29) 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)
13	Effect	0	0–15 Safe 16–25 Chase 1 26–35 Chase 2 36–45 Chase 3 46–55 Chase 4 56–65 Chase 5 66–75 Chase 6 76–85 Chase 7 86–95 Chase 8 96–105 Chase 9 106–115 Chase 10 116–125 CHase 11 126–135 Chase 12 136–145 CHase 13 146–155 Chase 14 156–165 Chase 15 166–175 Chase 16 176–185 Chase 17 186–195 Chase 18 196–205 Chase 19 206–215 Chase 20 216–225 Chase 21 226–235 Chase 22 236–245 Chase 23 246–255 Chase 24
14	Effect Speed	0	0–0 >>> 1–124 >> 125–125 > 126–130 Stop 131–131 < 132–254 < 255–255 <<<

Basic (continued)

Ch	Function	Default	DMX values
15	Effects1Fade	0	
16	Color Mix Mode	0	0–189 No function 190–254 Edit 255–255 Store
17	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 1 91–93 Store White balance 94–96 NoFeature 2 97–99 Reset zoom 100–119 Program 1 120–139 Program 2 140–159 Program 3 160–179 Program 4 180–199 Program 5 200–219 Program 6 220–255 Program 7

Standard

35 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	0–224 max 225–225 min 226–255 BO Movement
6	Shutter / Strobe	63	0–31 Closed 32–63 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
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default
9	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	

Standard (continued)

Ch	Function	Default	DMX values
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	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 29) 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)
19	Effect	0	0–15 Safe 16–25 Chase 1 26–35 Chase 2 36–45 Chase 3 46–55 Chase 4 56–65 Chase 5 66–75 Chase 6 76–85 Chase 7 86–95 Chase 8 96–105 Chase 9 106–115 Chase 10 116–125 CHase 11 126–135 Chase 12 136–145 CHase 13 146–155 Chase 14 156–165 Chase 15 166–175 Chase 16 176–185 Chase 17 186–195 Chase 18 196–205 Chase 19 206–215 Chase 20 216–225 Chase 21 226–235 Chase 22 236–245 Chase 23 246–255 Chase 24

Standard (continued)

Ch	Function	Default	DMX values
20	Effect Speed	0	0–0 >>> 1–124 >> 125–125 > 126–130 Stop 131–131 < 132–254 < 255–255 <<<
21	Effects1Fade	0	
22	Color Mix Mode	0	0–189 No function 190–254 Edit 255–255 Store
23	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 1 91–93 Store White balance 94–96 NoFeature 2 97–99 Reset zoom 100–119 Program 1 120–139 Program 2 140–159 Program 3 160–179 Program 4 180–199 Program 5 200–219 Program 6 220–255 Program 7
24	Red	255	
25	Green	255	
26	Blue	255	
27	White	0	
28	Red	255	
29	Green	255	
30	Blue	255	
31	White	0	
32	Red	255	
33	Green	255	
34	Blue	255	
35	White	0	

Extended

93 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	

Extended (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	63	0–31 Closed 32–63 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
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer
9	Dimmer Curve	0	
10	Zoom	128	
11	Zoom Fine	0	Fine byte of Zoom
12	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 29) 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)

Extended (continued)

Ch	Function	Default	DMX values
13	Effect	0	0–15 Safe 16–25 Chase 1 26–35 Chase 2 36–45 Chase 3 46–55 Chase 4 56–65 Chase 5 66–75 Chase 6 76–85 Chase 7 86–95 Chase 8 96–105 Chase 9 106–115 Chase 10 116–125 CHase 11 126–135 Chase 12 136–145 CHase 13 146–155 Chase 14 156–165 Chase 15 166–175 Chase 16 176–185 Chase 17 186–195 Chase 18 196–205 Chase 19 206–215 Chase 20 216–225 Chase 21 226–235 Chase 22 236–245 Chase 23 246–255 Chase 24
14	Effect Speed	0	
15	Effects1Fade	0	
16	Color Mix Mode	0	
17	Control1	0	
18	Red	255	
19	Green	255	
20	Blue	255	
21	White	0	
22	Red	255	
23	Green	255	
24	Blue	255	
25	White	0	
26	Red	255	
27	Green	255	
28	Blue	255	
29	White	0	
30	Red	255	
31	Green	255	
32	Blue	255	
33	White	0	
34	Red	255	
35	Green	255	
36	Blue	255	
37	White	0	
38	Red	255	
39	Green	255	
40	Blue	255	

Extended (continued)

Ch	Function	Default	DMX values
41	White	0	
42	Red	255	
43	Green	255	
44	Blue	255	
45	White	0	
46	Red	255	
47	Green	255	
48	Blue	255	
49	White	0	
50	Red	255	
51	Green	255	
52	Blue	255	
53	White	0	
54	Red	255	
55	Green	255	
56	Blue	255	
57	White	0	
58	Red	255	
59	Green	255	
60	Blue	255	
61	White	0	
62	Red	255	
63	Green	255	
64	Blue	255	
65	White	0	
66	Red	255	
67	Green	255	
68	Blue	255	
69	White	0	
70	Red	255	
71	Green	255	
72	Blue	255	
73	White	0	
74	Red	255	
75	Green	255	
76	Blue	255	
77	White	0	
78	Red	255	
79	Green	255	
80	Blue	255	
81	White	0	
82	Red	255	
83	Green	255	
84	Blue	255	
85	White	0	

Extended (continued)

Ch	Function	Default	DMX values
86	Red	255	
87	Green	255	
88	Blue	255	
89	White	0	
90	Red	255	
91	Green	255	
92	Blue	255	
93	White	0	