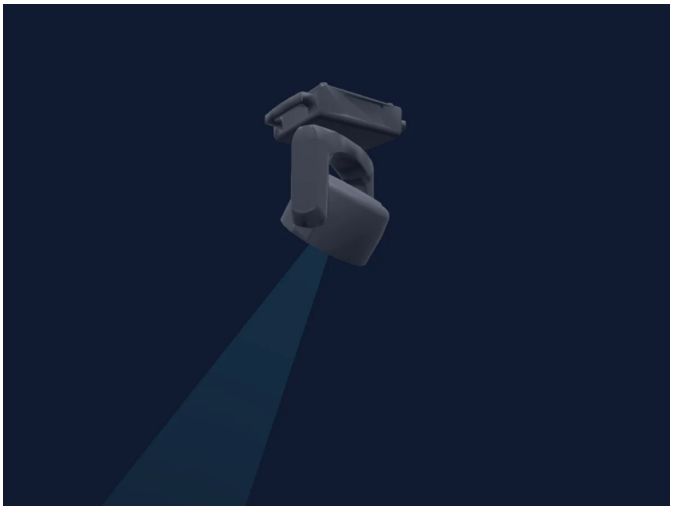
Terbly

GLW1940



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**4, 19, 23, 25 channels**
Beam angle	**5.3-37.3°**
Pan range	**540°**
Tilt range	**260°**
Heads / cells	**2**
Size (W × H × D)	**301 × 186 × 300 mm**
GDTF fixture type	**EF8FAF72-E13D-4CE1-AD98-94…**

Controls

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

Safety-relevant functions

Service functions · Built-in effect programmes

DMX modes

Pixel	4 ch
Basic	19 ch
Extended	23 ch
Standard	25 ch

Pixel

4 channels

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

Basic

19 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
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	Green	255	
10	Blue	255	
11	White	0	
12	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

Basic (continued)

Ch	Function	Default	DMX values
13	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) 145–149 Small Red/White (wheel slot 30) 150–254 2700K 255–255 8000K
14	Dim	0	0–254 Open 255–255 Colsed
15	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

Basic (continued)

Ch	Function	Default	DMX values
16	Effect Speed	0	0–0 >>> 1–124 >> 125–125 > 126–130 Stop 131–131 < 132–254 << 255–255 <<<
17	Effects1Fade	0	
18	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance
19	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 4 91–93 Store white balance enabled 94–96 NoFeature 6 97–99 Reset others 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

Extended

23 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 226–235 BO by Movement 236–255 no function
6	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
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default

Extended (continued)

Ch	Function	Default	DMX values
10	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
11	Zoom Fine	128	Fine byte of Zoom
12	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
13	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) 145–149 Small Red/White (wheel slot 30) 150–254 2700K 255–255 8000K
14	Dim	0	0–254 Open 255–255 Colsed

Extended (continued)

Ch	Function	Default	DMX values
15	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
16	Effect Speed	0	0–0 >>> 1–124 >> 125–125 > 126–130 Stop 131–131 < 132–254 << 255–255 <<<
17	Effects1Fade	0	
18	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance
19	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 4 91–93 Store white balance enabled 94–96 NoFeature 6 97–99 Reset others 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
20	Red	0	
21	Green	0	
22	Blue	0	
23	White	0	

Standard

25 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 226–235 BO by Movement 236–255 no function
6	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
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	Red	255	
11	Red Fine	255	Fine byte of Red
12	Green	255	
13	Green Fine	255	Fine byte of Green
14	Blue	255	
15	Blue Fine	255	Fine byte of Blue
16	White	0	
17	White Fine	0	Fine byte of White
18	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

Standard (continued)

Ch	Function	Default	DMX values
19	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) 145–149 Small Red/White (wheel slot 30) 150–254 2700K 255–255 8000K
20	Dim	0	0–254 Open 255–255 Colsed
21	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

Standard (continued)

Ch	Function	Default	DMX values
22	Effect Speed	0	0–0 >>> 1–124 >> 125–125 > 126–130 Stop 131–131 < 132–254 < 255–255 <<<
23	Effects1Fade	0	
24	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance
25	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 4 91–93 Store white balance enabled 94–96 NoFeature 6 97–99 Reset others 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