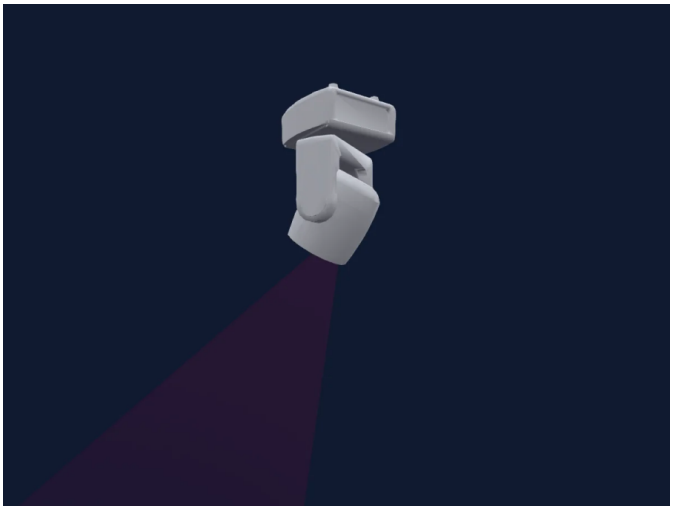
Terbly

GLW3QZ



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**20, 22, 28 channels**
Beam angle	**9-75°**
Pan range	**540°**
Tilt range	**260°**
Size (W × H × D)	**175 × 185 × 170 mm**
GDTF fixture type	**5458554E-5B22-4683-B81B-8A…**

Controls

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

Safety-relevant functions

Service functions · Built-in effect programmes

DMX modes

Basic	20 ch
Standard	22 ch
Extended	28 ch

Basic

20 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	Pan Mode	0	0–127 No function 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
5	Tilt Mode	0	0–127 No function 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
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	Red	255	
11	Green	255	
12	Blue	255	
13	White	0	
14	Color Macro1	0	0–7 No function 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 Color Rainbow

Basic (continued)

Ch	Function	Default	DMX values
15	C TO	0	0–9 No function (wheel slot 1) 10–50 2700K (wheel slot 2) 51–91 3200K (wheel slot 3) 92–132 4300K (wheel slot 4) 133–173 5600K (wheel slot 5) 174–214 6500K (wheel slot 6) 215–255 8000K (wheel slot 7)
16	Dim	0	0–254 Open 255–255 Closed
17	Effect	0	0–10 Safe 11–40 Chase 1 41–70 Chase 2 71–100 Chase 3 101–130 Chase 4 131–160 Chase 5 161–190 Chase 6 191–220 Chase 7 221–255 Chase 8
18	Effect Speed	0	
19	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance
20	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 91–93 Srore white balance enabled 94–96 NoFeature 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 6 220–239 Program 7 240–255 Music Control

Standard

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	0–224 max 225–225 min 226–235 BO by Movement 236–255 no function
6	Pan Mode	0	0–127 No function 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<

Standard (continued)

Ch	Function	Default	DMX values
7	Tilt Mode	0	0–127 No function 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 < 255–255 <<<
8	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
9	Dimmer	0	0–254 Closed 255–255 Open
10	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default
11	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	0	
16	Color Macro1	0	0–7 No function 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 Color Rainbow
17	C TO	0	0–9 No function (wheel slot 1) 10–50 2700K (wheel slot 2) 51–91 3200K (wheel slot 3) 92–132 4300K (wheel slot 4) 133–173 5600K (wheel slot 5) 174–214 6500K (wheel slot 6) 215–255 8000K (wheel slot 7)
18	Dim	0	0–254 Open 255–255 Closed

Standard (continued)

Ch	Function	Default	DMX values
19	Effect	0	0–10 Safe 11–40 Chase 1 41–70 Chase 2 71–100 Chase 3 101–130 Chase 4 131–160 Chase 5 161–190 Chase 6 191–220 Chase 7 221–255 Chase 8
20	Effect Speed	0	
21	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance
22	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 91–93 Srore white balance enabled 94–96 NoFeature 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 6 220–239 Program 7 240–255 Music Control

Extended

28 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	Pan Mode	0	0–127 No function 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 < 255–255 <<<
7	Tilt Mode	0	0–127 No function 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 < 255–255 <<<

Extended (continued)

Ch	Function	Default	DMX values
8	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
9	Dimmer	0	0–254 Closed 255–255 Open
10	Dimmer Fine	0	Fine byte of Dimmer
11	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default
12	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
13	Zoom Fine	128	Fine byte of Zoom
14	Red	255	
15	Red Fine	255	Fine byte of Red
16	Green	255	
17	Green Fine	255	Fine byte of Green
18	Blue	255	
19	Blue Fine	255	Fine byte of Blue
20	White	0	
21	White Fine	0	Fine byte of White
22	Color Macro1	0	0–7 No function 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 Color Rainbow
23	C TO	0	0–9 No function (wheel slot 1) 10–50 2700K (wheel slot 2) 51–91 3200K (wheel slot 3) 92–132 4300K (wheel slot 4) 133–173 5600K (wheel slot 5) 174–214 6500K (wheel slot 6) 215–255 8000K (wheel slot 7)
24	Dim	0	0–254 Open 255–255 Closed

Extended (continued)

Ch	Function	Default	DMX values
25	Effect	0	0–10 Safe 11–40 Chase 1 41–70 Chase 2 71–100 Chase 3 101–130 Chase 4 131–160 Chase 5 161–190 Chase 6 191–220 Chase 7 221–255 Chase 8
26	Effect Speed	0	
27	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance
28	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 91–93 Srore white balance enabled 94–96 NoFeature 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 6 220–239 Program 7 240–255 Music Control