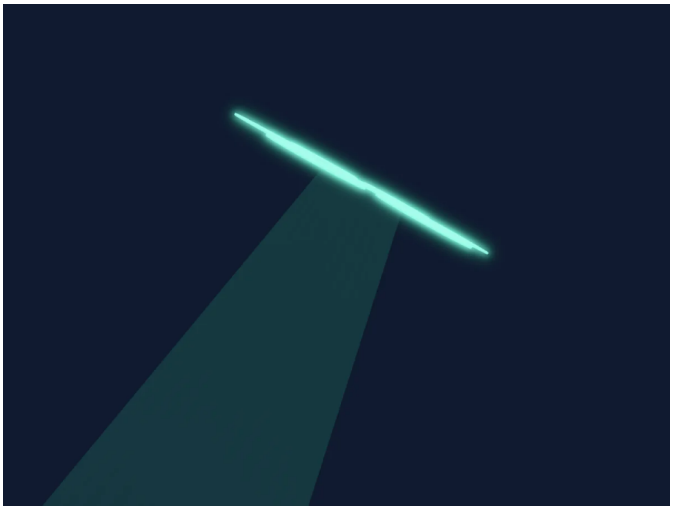
Terbly

OLW740



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**4, 24, 27 channels**
Beam angle	**5.8-44.7°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**2**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**B915DFCA-013E-4292-B0EE-53…**

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
Standard	24 ch
Extended	27 ch

Pixel

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	0	

Standard

24 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	127	0–127 wide 128–254 normal 255–255 narrow
10	Red	255	
11	Red Fine	0	Fine byte of Red
12	Green	255	
13	Green Fine	0	Fine byte of Green
14	Blue	255	
15	Blue Fine	0	Fine byte of Blue
16	White	0	
17	White Fine	0	Fine byte of White

Standard (continued)

Ch	Function	Default	DMX values
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
19	Color Wheel	139	0–5 No function 6–138 CTO 139–147 2300k (wheel slot 1) 148–156 2500k (wheel slot 1) 157–165 2600k (wheel slot 1) 166–174 2900k (wheel slot 1) 175–183 3000k (wheel slot 1) 184–192 3050k (wheel slot 1) 193–201 3200k (wheel slot 1) 202–210 3400k (wheel slot 1) 211–219 3600k (wheel slot 1) 220–228 4000k (wheel slot 1) 229–237 5000k (wheel slot 1) 238–246 6000k (wheel slot 1) 247–255 7000k (wheel slot 1)
20	Dim	0	0–254 Open 255–255 Closed
21	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
22	Effect Speed	0	0–254 >>> 255–255 >
23	Color Calibration Mode	0	0–189 Normal 190–254 Edit 255–255 Store
24	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 4 91–93 Store white balance 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

27 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 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
10	Zoom	127	0–127 wide 128–254 normal 255–255 narrow
11	Zoom Fine	127	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

Extended (continued)

Ch	Function	Default	DMX values
13	Rosco Colors	0	0–24 No function 25–31 Peony Red 32–38 Bright Rose 39–45 China Red 46–52 Cuckoo Red 53–59 Medium Lavender 60–66 Marble Grey 67–73 Blood Red 74–80 Full Minus Green 81–87 Deep Golden Amber 88–94 Dark Amber 95–101 Orange 102–108 Sunset Red 109–115 Chrome Orange 116–122 Straw 123–129 Yellow 130–136 Light Yellow 137–143 Tea White 144–150 Moss Green 151–157 Forest Green 158–164 Dark Green 165–171 Special Steel Blue 172–178 JAS Green 179–185 Half Plus Green 186–192 Blue 193–199 Summer Blue 200–206 Tokyo Blue 207–213 Summer Blue 214–220 Mikkel Blue 221–227 DEEP STEEL BLUE 228–234 Cool Blue 235–241 Bauhinia 242–248 Ultimate Violet 249–255 Lavender

Extended (continued)

Ch	Function	Default	DMX values
14	L EEColors	0	0–24 No function 25–31 Moroccan Pink 32–38 Pink 39–45 Special rose Pink 46–52 Follies Pink 53–59 Fushsia Pink 60–66 Surprise Pink 67–73 Congo Blue 74–80 Tokyo Blue 81–87 Deep Blue 88–94 Just Blue 95–101 Medium Blue 102–108 Double CT Blue 109–115 State Blue 116–122 Full CT Blue 123–129 Half CT Blue 130–136 Steel Blue 137–143 Lighter Blue 144–150 Light Blue 151–157 Medium Blue Green 158–164 Dark Green 165–171 Primary Green 172–178 Moss Green 179–185 Fern Green 186–192 JAS Green 193–199 Lime Green 200–206 Spring Yellow 207–213 Deep Amber 214–220 Chrome Orange 221–227 Orange 228–234 Gold Amber 235–241 Millennium Gold 242–248 Deep Golden Amber 249–255 Flame Red
15	P OLYColors	0	
16	P OLYColors Dimmer	0	0–254 Open 255–255 Closed
17	P OLYColors Fade	0	
18	Color Wheel	139	0–5 No function 6–138 CTO 139–147 2300k (wheel slot 1) 148–156 2500k (wheel slot 1) 157–165 2600k (wheel slot 1) 166–174 2900k (wheel slot 1) 175–183 3000k (wheel slot 1) 184–192 3050k (wheel slot 1) 193–201 3200k (wheel slot 1) 202–210 3400k (wheel slot 1) 211–219 3600k (wheel slot 1) 220–228 4000k (wheel slot 1) 229–237 5000k (wheel slot 1) 238–246 6000k (wheel slot 1) 247–255 7000k (wheel slot 1)
19	Dim	0	0–254 Open 255–255 Closed

Extended (continued)

Ch	Function	Default	DMX values
20	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
21	Effect Speed	0	0–254 >>> 255–255 >
22	Color Calibration Mode	0	0–189 Normal 190–254 Edit 255–255 Store
23	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 4 91–93 Store white balance 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
24	Red	255	
25	Green	255	
26	Blue	255	
27	White	0	