Terbly

GLW740



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**7**
DMX footprint	**4, 12, 24, 27 channels**
Beam angle	**3.5-44.7°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**173 × 162 × 170 mm**
GDTF fixture type	**9F12D9EA-119E-4A71-9201-41…**

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

Pixel	4 ch
Basic-RGBL	12 ch
Basic-RGBW	12 ch
Standard-RGBL	24 ch
Standard-RGBW	24 ch
Extended-RGBL	27 ch
Extended-RGBW	27 ch

Pixel

4 channels

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

Basic-RGBL

12 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	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
6	Dimmer	0	0–254 Closed 255–255 Open
7	Zoom	127	0–127 wide 128–254 normal 255–255 narrow
8	Red	255	
9	Green	255	
10	Blue	255	
11	Color Add GY	0	
12	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

Basic-RGBW

12 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	

Basic-RGBW (continued)

Ch	Function	Default	DMX values
4	Tilt Fine	128	Fine byte of Tilt
5	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
6	Dimmer	0	0–254 Closed 255–255 Open
7	Zoom	127	0–127 wide 128–254 normal 255–255 narrow
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	0	
12	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

Standard-RGBL

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

Standard-RGBL (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	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	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	Color Add GY	0	
17	Color Add GY Fine	0	Fine byte of Color Add GY
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	C TO	0	0–10 Open (wheel slot 1) 11–20 2300K 21–30 2500K 31–40 2600K 41–50 2900K 51–60 3000K 61–70 3050K 71–80 3200K 81–90 3400K 91–100 3600K 101–110 4000K 111–120 5000K 121–130 6000K 131–255 7000K
20	Dim	0	0–254 Open 255–255 Closed

Standard-RGBL (continued)

Ch	Function	Default	DMX values
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 a new white balance 255–255 Store a new white balance
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

Standard-RGBW

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

Standard-RGBW (continued)

Ch	Function	Default	DMX values
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	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
19	C TO	0	0–10 Open (wheel slot 1) 11–20 2300K 21–30 2500K 31–40 2600K 41–50 2900K 51–60 3000K 61–70 3050K 71–80 3200K 81–90 3400K 91–100 3600K 101–110 4000K 111–120 5000K 121–130 6000K 131–255 7000K
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 a new white balance 255–255 Store a new white balance

Standard-RGBW (continued)

Ch	Function	Default	DMX values
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-RGBL

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

Extended-RGBL (continued)

Ch	Function	Default	DMX values
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	R OSCOColors	0	
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 Dim	0	0–254 Open 255–255 Closed
17	P OLYColors Fade	0	

Extended-RGBL (continued)

Ch	Function	Default	DMX values
18	C TO	0	0–10 Open (wheel slot 1) 11–20 2300K 21–30 2500K 31–40 2600K 41–50 2900K 51–60 3000K 61–70 3050K 71–80 3200K 81–90 3400K 91–100 3600K 101–110 4000K 111–120 5000K 121–130 6000K 131–255 7000K
19	Dim	0	0–254 Open 255–255 Closed
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 a new white balance 255–255 Store a new white balance
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	Color Add GY	0	

Extended-RGBW

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

Extended-RGBW (continued)

Ch	Function	Default	DMX values
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
13	R OSCOColors	0	

Extended-RGBW (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 Dim	0	0–254 Open 255–255 Closed
17	P OLYColors Fade	0	
18	C TO	0	0–10 Open (wheel slot 1) 11–20 2300K 21–30 2500K 31–40 2600K 41–50 2900K 51–60 3000K 61–70 3050K 71–80 3200K 81–90 3400K 91–100 3600K 101–110 4000K 111–120 5000K 121–130 6000K 131–255 7000K
19	Dim	0	0–254 Open 255–255 Closed

Extended-RGBW (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 a new white balance 255–255 Store a new white balance
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	