Terbly

GL12W IP



Manufacturer	**Terbly**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**36, 55 channels**
Beam angle	**6.8-49.8°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**350 × 640 × 287 mm**
GDTF fixture type	**FA8E183A-BE08-4F79-A9E2-A2…**

Controls

Focus · Frost · Iris · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Standard	36 ch
Extended	55 ch

Standard

36 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 BO by all Wheel
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 · max Rnd 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 Architecural 81–100 Theatre 101–255 Default to Unit Setting
9	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
10	Focus	127	
11	Focus1Distance	0	0–50 Safe 51–100 5m 101–150 7m 151–200 10m 201–255 15m
12	Focus1Adjust	128	
13	Color Wheel	0	0–19 Open (wheel slot 1) 20–37 Red (wheel slot 2) 38–55 Green (wheel slot 3) 56–73 UV (wheel slot 4) 74–91 High CRI (wheel slot 5) 92–109 Amber (wheel slot 6) 110–127 Blue (wheel slot 7) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
14	Cyan	0	
15	Magenta	0	
16	Yellow	0	
17	C TO	0	

Standard (continued)

Ch	Function	Default	DMX values
18	Color Macro1	0	0–31 Safe 32–39 Macro 1 40–47 Macro 2 48–55 Macro 3 56–63 Macro 4 64–71 Macro 5 72–79 Macro 6 80–87 Macro 7 88–95 Macro 8 96–103 Macro 9 104–111 Macro 10 112–119 Macro 11 120–127 Macro 12 128–135 Macro 13 136–143 Macro 14 144–151 Macro 15 152–159 Macro 16 160–167 Macro 17 168–175 Macro 18 176–183 Macro 19 184–191 Macro 20 192–199 Macro 21 200–207 Macro 22 208–215 Macro 23 216–223 Macro 24 224–231 Macro 25 232–239 Macro 26 240–247 Macro 27 248–255 Random CMY
19	Color Mix MSpeed	0	
20	Gobo	0	0–9 Open (wheel slot 1) 10–19 RG1 (wheel slot 2) 20–29 RG2 (wheel slot 3) 30–39 RG3 (wheel slot 4) 40–49 RG4 (wheel slot 5) 50–59 RG5 (wheel slot 6) 60–69 RG6 (wheel slot 7) 70–89 RG1 Shake (wheel slot 2) 90–109 RG2 Shake (wheel slot 3) 110–129 RG3 Shake (wheel slot 4) 130–149 RG4 Shake (wheel slot 5) 150–169 RG5 Shake (wheel slot 6) 170–189 RG6 Shake (wheel slot 7) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
21	Gobo Rotation	0	0–126 zero 127–127 max Index 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<

Standard (continued)

Ch	Function	Default	DMX values
22	Animation Wheel1	0	0–7 Open 8–8 >>> 9–126 >> 127–127 > 128–135 Stop 136–136 < 137–254 < 255–255 <<<
23	Iris	0	0–190 Open 191–191 Closed 192–222 Pulse closing fast 223–223 Pulse closing slow 224–254 Pulse opening slow 255–255 Pulse opening fast
24	Frost1	0	0–63 Open (wheel slot 1) 64–159 Light Frost (wheel slot 2) 160–255 Heavy Frost
25	Blade1A	0	0–254 Open 255–255 Closed
26	Blade1B	0	0–254 Open 255–255 Closed
27	Blade3A	0	0–254 Open 255–255 Closed
28	Blade3B	0	0–254 Open 255–255 Closed
29	Blade2A	0	0–254 Open 255–255 Closed
30	Blade2B	0	0–254 Open 255–255 Closed
31	Blade4A	0	0–254 Open 255–255 Closed
32	Blade4B	0	0–254 Open 255–255 Closed
33	Shaper Rot	128	0–127 45 Deg 128–254 0 255–255 -45 Deg
34	Frame MSpeed	0	

Standard (continued)

Ch	Function	Default	DMX values
35	Shaper Macros	0	0–7 Safe 8–15 Macro 1 16–23 Macro 2 24–31 Macro 3 32–39 Macro 4 40–47 Macro 5 48–55 Macro 6 56–63 Macro 7 64–71 Macro 8 72–79 Macro 9 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–247 Macro 30 248–255 Macro 31
36	Control1	0	0–19 Normal 20–29 Col any pos 30–39 Col/Gobo any pos 40–42 Display Off 43–45 Display ON 46–48 Fan Auto 49–51 Fan High 52–54 Fan Silent 55–57 Fan Studio 58–60 Fan Mute 61–63 Gamma=2'0 64–66 Gamma=2'2 67–69 Gamma=2'4 70–72 Gamma=2'6 73–75 Gamma=2'8 80–84 Reset All 85–87 Reset P/T 88–90 Reset Colors 91–93 Reset Gobos 94–96 Reset Zoom 97–99 Reset Others 100–119 Internal pro 1 120–139 Internal pro 2 140–159 Internal pro 3 160–179 Internal pro 4 180–199 Internal pro 5 200–219 Internal pro 6 220–255 Internal pro 7

Extended

55 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 BO by all Wheel
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 · max Rnd 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 Architecural 81–100 Theatre 101–255 Default to Unit Setting
10	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
11	Zoom Fine	127	Fine byte of Zoom
12	Focus	127	
13	Focus Fine	127	Fine byte of Focus
14	Focus1Distance	0	0–50 Safe 51–100 5m 101–150 7m 151–200 10m 201–255 15m
15	Focus1Adjust	128	
16	Color Wheel	0	0–19 Open (wheel slot 1) 20–37 Red (wheel slot 2) 38–55 Green (wheel slot 3) 56–73 UV (wheel slot 4) 74–91 High CRI (wheel slot 5) 92–109 Amber (wheel slot 6) 110–127 Blue (wheel slot 7) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 < 255–255 <<<
17	Color Wheel Fine	0	Fine byte of Color Wheel
18	Cyan	0	

Extended (continued)

Ch	Function	Default	DMX values
19	Cyan Fine	0	Fine byte of Cyan
20	Magenta	0	
21	Magenta Fine	0	Fine byte of Magenta
22	Yellow	0	
23	Yellow Fine	0	Fine byte of Yellow
24	C TO	0	
25	C TO Fine	0	Fine byte of C TO
26	Color Macro1	0	0–31 Safe 32–39 Macro 1 40–47 Macro 2 48–55 Macro 3 56–63 Macro 4 64–71 Macro 5 72–79 Macro 6 80–87 Macro 7 88–95 Macro 8 96–103 Macro 9 104–111 Macro 10 112–119 Macro 11 120–127 Macro 12 128–135 Macro 13 136–143 Macro 14 144–151 Macro 15 152–159 Macro 16 160–167 Macro 17 168–175 Macro 18 176–183 Macro 19 184–191 Macro 20 192–199 Macro 21 200–207 Macro 22 208–215 Macro 23 216–223 Macro 24 224–231 Macro 25 232–239 Macro 26 240–247 Macro 27 248–255 Random CMY
27	Color Mix MSpeed	0	
28	Gobo	0	0–9 Open (wheel slot 1) 10–19 RG1 (wheel slot 2) 20–29 RG2 (wheel slot 3) 30–39 RG3 (wheel slot 4) 40–49 RG4 (wheel slot 5) 50–59 RG5 (wheel slot 6) 60–69 RG6 (wheel slot 7) 70–89 RG1 Shake (wheel slot 2) 90–109 RG2 Shake (wheel slot 3) 110–129 RG3 Shake (wheel slot 4) 130–149 RG4 Shake (wheel slot 5) 150–169 RG5 Shake (wheel slot 6) 170–189 RG6 Shake (wheel slot 7) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<

Extended (continued)

Ch	Function	Default	DMX values
29	Gobo Rotation	0	0–126 zero 127–127 max Index 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
30	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
31	Animation Wheel1	0	0–7 Open 8–8 >>> 9–126 >> 127–127 > 128–135 Stop 136–136 < 137–254 << 255–255 <<<
32	Iris	0	0–190 Open 191–191 Closed 192–222 Pulse closing fast 223–223 Pulse closing slow 224–254 Pulse opening slow 255–255 Pulse opening fast
33	Iris Fine	0	Fine byte of Iris
34	Frost1	0	0–63 Open (wheel slot 1) 64–159 Light Frost (wheel slot 2) 160–255 Heavy Frost
35	Blade1A	0	0–254 Open 255–255 Closed
36	Blade1A Fine	0	Fine byte of Blade1A
37	Blade1B	0	0–254 Open 255–255 Closed
38	Blade1B Fine	0	Fine byte of Blade1B
39	Blade3A	0	0–254 Open 255–255 Closed
40	Blade3A Fine	0	Fine byte of Blade3A
41	Blade3B	0	0–254 Open 255–255 Closed
42	Blade3B Fine	0	Fine byte of Blade3B
43	Blade2A	0	0–254 Open 255–255 Closed
44	Blade2A Fine	0	Fine byte of Blade2A
45	Blade2B	0	0–254 Open 255–255 Closed
46	Blade2B Fine	0	Fine byte of Blade2B
47	Blade4A	0	0–254 Open 255–255 Closed
48	Blade4A Fine	0	Fine byte of Blade4A
49	Blade4B	0	0–254 Open 255–255 Closed
50	Blade4B Fine	0	Fine byte of Blade4B

Extended (continued)

Ch	Function	Default	DMX values
51	Shaper Rot	128	0–127 45 Deg 128–254 0 255–255 -45 Deg
52	Shaper Rot Fine	128	Fine byte of Shaper Rot
53	Frame MSpeed	0	
54	Shaper Macros	0	0–7 Safe 8–15 Macro 1 16–23 Macro 2 24–31 Macro 3 32–39 Macro 4 40–47 Macro 5 48–55 Macro 6 56–63 Macro 7 64–71 Macro 8 72–79 Macro 9 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–247 Macro 30 248–255 Macro 31

Extended (continued)

Ch	Function	Default	DMX values
55	Control1	0	0–19 Normal 20–29 Col any pos 30–39 Col/Gobo any pos 40–42 Display Off 43–45 Display ON 46–48 Fan Auto 49–51 Fan High 52–54 Fan Silent 55–57 Fan Studio 58–60 Fan Mute 61–63 Gamma=2'0 64–66 Gamma=2'2 67–69 Gamma=2'4 70–72 Gamma=2'6 73–75 Gamma=2'8 80–84 Reset All 85–87 Reset P/T 88–90 Reset Colors 91–93 Reset Gobos 94–96 Reset Zoom 97–99 Reset Others 100–119 Internal pro 1 120–139 Internal pro 2 140–159 Internal pro 3 160–179 Internal pro 4 180–199 Internal pro 5 200–219 Internal pro 6 220–255 Internal pro 7