Terbly

GL2P



Manufacturer	**Terbly**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**38, 59 channels**
Beam angle	**8-47°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**345 × 445 × 248 mm**
GDTF fixture type	**EA4E31D2-B7F0-4A8E-9DF1-85…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

Standard	38 ch
Extended	59 ch

Standard

38 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	0–31 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 Architecural 81–100 Theatre 101–255 Default
9	Focus	127	
10	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
11	Focus1Distance	0	0–50 Safe 51–150 7m 151–255 15m
12	Focus1Adjust	128	
13	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Blue (wheel slot 3) 48–63 Green (wheel slot 4) 64–79 Yellow (wheel slot 5) 80–95 Orange (wheel slot 6) 96–111 Purple (wheel slot 7) 112–127 Dark Blue (wheel slot 8) 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	0–254 6500K 255–255 2700K

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	0–7 Open (wheel slot 1) 8–17 RG1 (wheel slot 2) 18–27 RG2 (wheel slot 3) 28–37 RG3 (wheel slot 4) 38–47 RG4 (wheel slot 5) 48–57 RG5 (wheel slot 6) 58–67 RG6 (wheel slot 7) 68–77 RG7 (wheel slot 8) 78–93 RG1 Shake (wheel slot 2) 94–109 RG2 Shake (wheel slot 3) 110–125 RG3 Shake (wheel slot 4) 126–141 RG4 Shake (wheel slot 5) 142–157 RG5 Shake (wheel slot 6) 158–173 RG6 Shake (wheel slot 7) 174–189 RG7 Shake (wheel slot 8) 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	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 FG1 (wheel slot 2) 20–29 FG2 (wheel slot 3) 30–39 FG3 (wheel slot 4) 40–49 FG4 (wheel slot 5) 50–59 FG5 (wheel slot 6) 60–69 FG6 (wheel slot 7) 70–79 FG7 (wheel slot 8) 80–89 FG8 (wheel slot 9) 90–99 FG9 (wheel slot 10) 100–109 FG1 Shake (wheel slot 2) 110–119 FG2 Shake (wheel slot 3) 120–129 FG3 Shake (wheel slot 4) 130–139 FG4 Shake (wheel slot 5) 140–149 FG5 Shake (wheel slot 6) 150–159 FG6 Shake (wheel slot 7) 160–169 FG7 Shake (wheel slot 8) 170–179 FG8 Shake (wheel slot 9) 180–189 FG9 Shake (wheel slot 10) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 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	Prism	0	0–63 Open (wheel slot 1) 64–127 3 Prism (wheel slot 2) 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
25	Prism Rotation	0	0–126 zero 127–127 max Index 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
26	Frost1	0	0–127 Open (wheel slot 1) 128–255 100% Frost (wheel slot 2)

Standard (continued)

Ch	Function	Default	DMX values
27	Blade3B	0	0–254 Open 255–255 Closed
28	Blade3A	0	0–254 Open 255–255 Closed
29	Blade1B	0	0–254 Open 255–255 Closed
30	Blade1A	0	0–254 Open 255–255 Closed
31	Blade4B	0	0–254 Open 255–255 Closed
32	Blade4A	0	0–254 Open 255–255 Closed
33	Blade2B	0	0–254 Open 255–255 Closed
34	Blade2A	0	0–254 Open 255–255 Closed
35	Shaper Rot	128	0–127 45 Deg 128–254 0 255–255 -45 Deg
36	Frame MSpeed	0	
37	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

Standard (continued)

Ch	Function	Default	DMX values
38	Control1	0	0–19 Normal 20–29 Col any pos 30–79 Col/Gobo any pos 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

59 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	0–31 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 Architecural 81–100 Theatre 101–255 Default
10	Focus	127	
11	Focus Fine	127	Fine byte of Focus
12	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
13	Zoom Fine	127	Fine byte of Zoom

Extended (continued)

Ch	Function	Default	DMX values
14	Focus1Distance	0	0–50 Safe 51–150 7m 151–255 15m
15	Focus1Adjust	128	
16	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Blue (wheel slot 3) 48–63 Green (wheel slot 4) 64–79 Yellow (wheel slot 5) 80–95 Orange (wheel slot 6) 96–111 Purple (wheel slot 7) 112–127 Dark Blue (wheel slot 8) 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	
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	0–254 6500K 255–255 2700K
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

Extended (continued)

Ch	Function	Default	DMX values
27	Color Mix MSpeed	0	
28	Gobo	0	0–7 Open (wheel slot 1) 8–17 RG1 (wheel slot 2) 18–27 RG2 (wheel slot 3) 28–37 RG3 (wheel slot 4) 38–47 RG4 (wheel slot 5) 48–57 RG5 (wheel slot 6) 58–67 RG6 (wheel slot 7) 68–77 RG7 (wheel slot 8) 78–93 RG1 Shake (wheel slot 2) 94–109 RG2 Shake (wheel slot 3) 110–125 RG3 Shake (wheel slot 4) 126–141 RG4 Shake (wheel slot 5) 142–157 RG5 Shake (wheel slot 6) 158–173 RG6 Shake (wheel slot 7) 174–189 RG7 Shake (wheel slot 8) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 < 255–255 <<<
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	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 FG1 (wheel slot 2) 20–29 FG2 (wheel slot 3) 30–39 FG3 (wheel slot 4) 40–49 FG4 (wheel slot 5) 50–59 FG5 (wheel slot 6) 60–69 FG6 (wheel slot 7) 70–79 FG7 (wheel slot 8) 80–89 FG8 (wheel slot 9) 90–99 FG9 (wheel slot 10) 100–109 FG1 Shake (wheel slot 2) 110–119 FG2 Shake (wheel slot 3) 120–129 FG3 Shake (wheel slot 4) 130–139 FG4 Shake (wheel slot 5) 140–149 FG5 Shake (wheel slot 6) 150–159 FG6 Shake (wheel slot 7) 160–169 FG7 Shake (wheel slot 8) 170–179 FG8 Shake (wheel slot 9) 180–189 FG9 Shake (wheel slot 10) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
32	Gobo 2 Fine	0	Fine byte of Gobo 2

Extended (continued)

Ch	Function	Default	DMX values
33	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
34	Iris Fine	0	Fine byte of Iris
35	Prism	0	0–63 Open (wheel slot 1) 64–127 3 Prism (wheel slot 2) 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
36	Prism Rotation	0	0–126 zero 127–127 max Index 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
37	Prism Rotation Fine	0	Fine byte of Prism Rotation
38	Frost1	0	0–127 Open (wheel slot 1) 128–255 100% Frost (wheel slot 2)
39	Blade3B	0	0–254 Open 255–255 Closed
40	Blade3B Fine	0	Fine byte of Blade3B
41	Blade3A	0	0–254 Open 255–255 Closed
42	Blade3A Fine	0	Fine byte of Blade3A
43	Blade1B	0	0–254 Open 255–255 Closed
44	Blade1B Fine	0	Fine byte of Blade1B
45	Blade1A	0	0–254 Open 255–255 Closed
46	Blade1A Fine	0	Fine byte of Blade1A
47	Blade4B	0	0–254 Open 255–255 Closed
48	Blade4B Fine	0	Fine byte of Blade4B
49	Blade4A	0	0–254 Open 255–255 Closed
50	Blade4A Fine	0	Fine byte of Blade4A

Extended (continued)

Ch	Function	Default	DMX values
51	Blade2B	0	0–254 Open 255–255 Closed
52	Blade2B Fine	0	Fine byte of Blade2B
53	Blade2A	0	0–254 Open 255–255 Closed
54	Blade2A Fine	0	Fine byte of Blade2A
55	Shaper Rot	128	0–127 45 Deg 128–254 0 255–255 -45 Deg
56	Shaper Rot Fine	128	Fine byte of Shaper Rot
57	Frame MSpeed	0	
58	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
59	Control1	0	0–19 Normal 20–29 Col any pos 30–79 Col/Gobo any pos 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