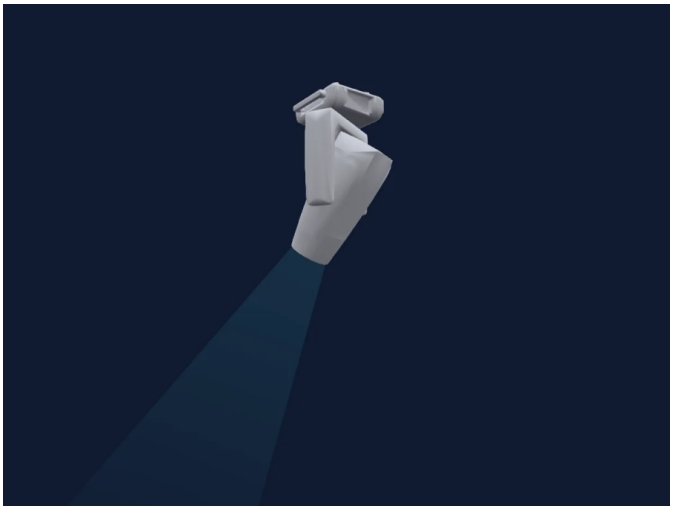
Terbly

GL5



Manufacturer	**Terbly**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**30, 42 channels**
Beam angle	**8-50°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**350 × 605 × 247 mm**
GDTF fixture type	**93C74BA0-6B23-43C8-A0A6-B3…**

Controls

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

DMX modes

Standard	30 ch
Extended	42 ch

Standard

30 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 Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 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	0–100 Safe 101–150 7m 151–200 10m 201–255 15m
12	Focus1Adjust	128	
13	Color Wheel	0	0–17 Open (wheel slot 1) 18–35 Red (wheel slot 2) 36–53 Blue (wheel slot 3) 54–71 Green (wheel slot 4) 72–89 Orange (wheel slot 5) 90–107 Pink (wheel slot 6) 108–127 Light 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	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	0–9 Open (wheel slot 1) 10–19 RG11 (wheel slot 2) 20–29 RG12 (wheel slot 3) 30–39 RG13 (wheel slot 4) 40–49 RG14 (wheel slot 5) 50–59 RG15 (wheel slot 6) 60–69 RG16 (wheel slot 7) 70–89 RG11 Shake (wheel slot 2) 90–109 RG12 Shake (wheel slot 3) 110–129 RG13 Shake (wheel slot 4) 130–149 RG14 Shake (wheel slot 5) 150–169 RG15 Shake (wheel slot 6) 170–189 RG16 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	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 RG21 (wheel slot 2) 20–29 RG22 (wheel slot 3) 30–39 RG23 (wheel slot 4) 40–49 RG24 (wheel slot 5) 50–59 RG25 (wheel slot 6) 60–69 RG26 (wheel slot 7) 70–89 RG21 Shake (wheel slot 2) 90–109 RG22 Shake (wheel slot 3) 110–129 RG23 Shake (wheel slot 4) 130–149 RG24 Shake (wheel slot 5) 150–169 RG25 Shake (wheel slot 6) 170–189 RG26 Shake (wheel slot 7) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 < 255–255 <<<
23	Gobo Rotation 2	0	0–126 zero 127–127 max Index 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
24	Animation Wheel1	0	0–50 Open (wheel slot 1) 51–51 >< 52–254 >><< 255–255 >>><<<
25	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
26	Prism	0	0–63 Open (wheel slot 1) 64–127 5 Facet 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

Standard (continued)

Ch	Function	Default	DMX values
27	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 <<<
28	Frost1	0	0–127 Open (wheel slot 1) 128–255 Frost1 (wheel slot 2)
29	Frost2	0	0–127 Open (wheel slot 1) 128–255 Frost2 (wheel slot 2)
30	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 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 6 220–239 Internal pro 7 240–255 Music Control

Extended

42 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

Extended (continued)

Ch	Function	Default	DMX values
9	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 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	0–100 Safe 101–150 7m 151–200 10m 201–255 15m
15	Focus1Adjust	128	
16	Color Wheel	0	0–17 Open (wheel slot 1) 18–35 Red (wheel slot 2) 36–53 Blue (wheel slot 3) 54–71 Green (wheel slot 4) 72–89 Orange (wheel slot 5) 90–107 Pink (wheel slot 6) 108–127 Light 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	
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

Extended (continued)

Ch	Function	Default	DMX values
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 RG11 (wheel slot 2) 20–29 RG12 (wheel slot 3) 30–39 RG13 (wheel slot 4) 40–49 RG14 (wheel slot 5) 50–59 RG15 (wheel slot 6) 60–69 RG16 (wheel slot 7) 70–89 RG11 Shake (wheel slot 2) 90–109 RG12 Shake (wheel slot 3) 110–129 RG13 Shake (wheel slot 4) 130–149 RG14 Shake (wheel slot 5) 150–169 RG15 Shake (wheel slot 6) 170–189 RG16 Shake (wheel slot 7) 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

Extended (continued)

Ch	Function	Default	DMX values
31	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 RG21 (wheel slot 2) 20–29 RG22 (wheel slot 3) 30–39 RG23 (wheel slot 4) 40–49 RG24 (wheel slot 5) 50–59 RG25 (wheel slot 6) 60–69 RG26 (wheel slot 7) 70–89 RG21 Shake (wheel slot 2) 90–109 RG22 Shake (wheel slot 3) 110–129 RG23 Shake (wheel slot 4) 130–149 RG24 Shake (wheel slot 5) 150–169 RG25 Shake (wheel slot 6) 170–189 RG26 Shake (wheel slot 7) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
32	Gobo Rotation 2	0	0–126 zero 127–127 max Index 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
33	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
34	Animation Wheel1	0	0–50 Open (wheel slot 1) 51–51 >< 52–254 >><< 255–255 >>><<<
35	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
36	Iris Fine	0	Fine byte of Iris
37	Prism	0	0–63 Open (wheel slot 1) 64–127 5 Facet 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

Extended (continued)

Ch	Function	Default	DMX values
38	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 <<<
39	Prism Rotation Fine	0	Fine byte of Prism Rotation
40	Frost1	0	0–127 Open (wheel slot 1) 128–255 Frost1 (wheel slot 2)
41	Frost2	0	0–127 Open (wheel slot 1) 128–255 Frost2 (wheel slot 2)
42	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 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 6 220–239 Internal pro 7 240–255 Music Control