Terbly

PT801P-R



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)	**285 × 508 × 304 mm**
GDTF fixture type	**C2953B75-8FA6-4B83-A737-07…**

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

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

Standard	38 ch
Extended	59 ch

Standard

38 channels

Ch	Function	Default	DMX values
1	Cyan	0	
2	Magenta	0	
3	Yellow	0	
4	C TO	0	0–254 6500K 255–255 2700K
5	Pan	128	
6	Tilt	128	
7	Position MSpeed	0	0–224 max 225–225 min 226–235 BO by Movement 236–255 BO by all Wheel
8	Color Wheel	0	0–13 Open (wheel slot 1) 14–27 Red (wheel slot 2) 28–41 Blue (wheel slot 3) 42–55 Green (wheel slot 4) 56–69 Yellow (wheel slot 5) 70–83 Orange (wheel slot 6) 84–97 Pink (wheel slot 7) 98–111 UV (wheel slot 8) 112–127 CTB (wheel slot 9) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
9	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 <<<
10	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
11	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 AnimPosn 1 (wheel slot 5) 50–59 AnimPosn 2 (wheel slot 6) 60–69 AnimPosn 3 (wheel slot 7) 70–89 FG1 Shake (wheel slot 2) 90–109 FG2 Shake (wheel slot 3) 110–129 FG3 Shake (wheel slot 4) 130–149 AnimPosn 1 Shake (wheel slot 5) 150–169 AnimPosn 3 Shake (wheel slot 6) 170–189 AnimPosn 4 Shake (wheel slot 7) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
12	Prism	0	0–63 Open (wheel slot 1) 64–127 3 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
13	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 <<<
14	Focus	127	
15	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
16	Focus1Distance	0	0–15 Safe 16–32 5m 33–47 7m 48–63 10m 64–255 15m
17	Focus1Adjust	128	

Standard (continued)

Ch	Function	Default	DMX values
18	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 1–9.71 Hz 223–223 Random · maxRnd 10 Hz 224–255 Open 4
19	Dimmer	0	0–254 Closed 255–255 Open
20	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
21	Frost1	0	0–127 Open (wheel slot 1) 128–255 Frost (wheel slot 2)
22	Animation Wheel1	0	0–7 Open (wheel slot 1) 8–8 >< 9–254 >><< 255–255 >>><<<
23	Color Mix MSpeed	0	
24	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
25	Blade1B	0	0–254 Open 255–255 Closed
26	Blade1A	0	0–254 Open 255–255 Closed

Standard (continued)

Ch	Function	Default	DMX values
27	Blade2B	0	0–254 Open 255–255 Closed
28	Blade2A	0	0–254 Open 255–255 Closed
29	Blade3B	0	0–254 Open 255–255 Closed
30	Blade3A	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	Shaper Rot	128	0–127 45 Deg 128–254 0 255–255 -45 Deg
34	Frame MSpeed	0	
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

Standard (continued)

Ch	Function	Default	DMX values
36	Control1	0	0–19 Normal 20–29 Col any pos 30–39 Col/Gobo any pos 40–59 Lamp On 60–79 Lamp Off 80–84 Reset All 85–87 Reset P/T 88–90 Reset Colors 91–93 Reset Gobos 94–96 Reset Shutter 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
37	Pan Fine	0	Fine byte of Pan
38	Tilt Fine	0	Fine byte of Tilt

Extended

59 channels

Ch	Function	Default	DMX values
1	Cyan	0	
2	Cyan Fine	0	Fine byte of Cyan
3	Magenta	0	
4	Magenta Fine	0	Fine byte of Magenta
5	Pan	128	
6	Tilt	128	
7	Position MSpeed	0	0–224 max 225–225 min 226–235 BO by Movement 236–255 BO by all Wheel
8	Yellow	0	
9	Yellow Fine	0	Fine byte of Yellow
10	C TO	0	0–254 6500K 255–255 2700K
11	C TO Fine	0	Fine byte of C TO
12	Color Wheel	0	0–13 Open (wheel slot 1) 14–27 Red (wheel slot 2) 28–41 Blue (wheel slot 3) 42–55 Green (wheel slot 4) 56–69 Yellow (wheel slot 5) 70–83 Orange (wheel slot 6) 84–97 Pink (wheel slot 7) 98–111 UV (wheel slot 8) 112–127 CTB (wheel slot 9) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<

Extended (continued)

Ch	Function	Default	DMX values
13	Color Wheel Fine	0	Fine byte of Color Wheel
14	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 <<<
15	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 <<<
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
17	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 AnimPosn 1 (wheel slot 5) 50–59 AnimPosn 2 (wheel slot 6) 60–69 AnimPosn 3 (wheel slot 7) 70–89 FG1 Shake (wheel slot 2) 90–109 FG2 Shake (wheel slot 3) 110–129 FG3 Shake (wheel slot 4) 130–149 AnimPosn 1 Shake (wheel slot 5) 150–169 AnimPosn 3 Shake (wheel slot 6) 170–189 AnimPosn 4 Shake (wheel slot 7) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
18	Gobo 2 Fine	0	Fine byte of Gobo 2

Extended (continued)

Ch	Function	Default	DMX values
19	Prism	0	0–63 Open (wheel slot 1) 64–127 3 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
20	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 <<<
21	Prism Rotation Fine	0	Fine byte of Prism Rotation
22	Focus	127	
23	Focus Fine	127	Fine byte of Focus
24	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
25	Zoom Fine	127	Fine byte of Zoom
26	Focus1Distance	0	0–15 Safe 16–32 5m 33–47 7m 48–63 10m 64–255 15m
27	Focus1Adjust	128	
28	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 1–9.71 Hz 223–223 Random · maxRnd 10 Hz 224–255 Open 4
29	Dimmer	0	0–254 Closed 255–255 Open
30	Dimmer Fine	0	Fine byte of Dimmer

Extended (continued)

Ch	Function	Default	DMX values
31	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
32	Iris Fine	0	Fine byte of Iris
33	Frost1	0	0–127 Open (wheel slot 1) 128–255 Frost (wheel slot 2)
34	Animation Wheel1	0	0–7 Open (wheel slot 1) 8–8 >< 9–254 >><< 255–255 >>><<<
35	Color Mix MSpeed	0	
36	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
37	Blade1B	0	0–254 Open 255–255 Closed
38	Blade1B Fine	0	Fine byte of Blade1B
39	Blade1A	0	0–254 Open 255–255 Closed
40	Blade1A Fine	0	Fine byte of Blade1A
41	Blade2B	0	0–254 Open 255–255 Closed
42	Blade2B Fine	0	Fine byte of Blade2B
43	Blade2A	0	0–254 Open 255–255 Closed
44	Blade2A Fine	0	Fine byte of Blade2A
45	Blade3B	0	0–254 Open 255–255 Closed

Extended (continued)

Ch	Function	Default	DMX values
46	Blade3B Fine	0	Fine byte of Blade3B
47	Blade3A	0	0–254 Open 255–255 Closed
48	Blade3A Fine	0	Fine byte of Blade3A
49	Blade4B	0	0–254 Open 255–255 Closed
50	Blade4B Fine	0	Fine byte of Blade4B
51	Blade4A	0	0–254 Open 255–255 Closed
52	Blade4A Fine	0	Fine byte of Blade4A
53	Shaper Rot	128	0–127 45 Deg 128–254 0 255–255 -45 Deg
54	Shaper Rot Fine	128	Fine byte of Shaper Rot
55	Frame MSpeed	0	
56	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
57	Control1	0	0–19 Normal 20–29 Col any pos 30–39 Col/Gobo any pos 40–59 Lamp On 60–79 Lamp Off 80–84 Reset All 85–87 Reset P/T 88–90 Reset Colors 91–93 Reset Gobos 94–96 Reset Shutter 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
58	Pan Fine	0	Fine byte of Pan
59	Tilt Fine	0	Fine byte of Tilt