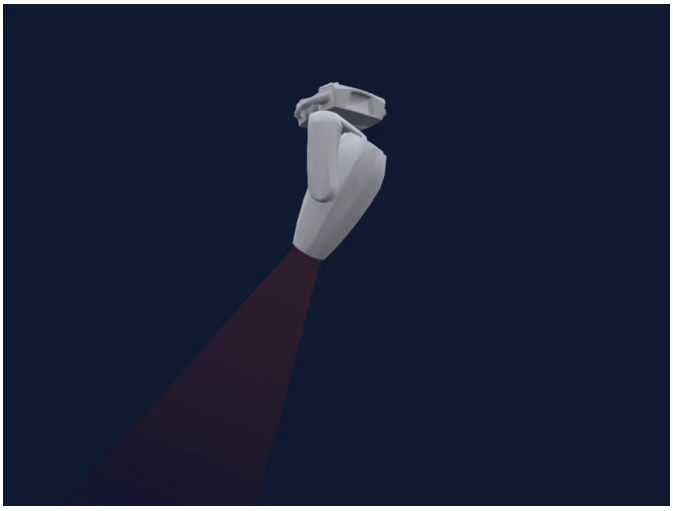
Terbly

V3000P II



Manufacturer	**Terbly**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**39, 60 channels**
Beam angle	**6-53°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**324 × 633 × 316 mm**
GDTF fixture type	**FD018447-27B3-4317-B60D-4B…**

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	39 ch
Extended	60 ch

Standard

39 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	Position Modes	0	0–31 Quick 32–255 Smooth
9	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 CTB (wheel slot 7) 112–127 UV (wheel slot 8) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
10	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 <<<
11	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
12	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) 70–77 FG7 (wheel slot 8) 78–93 FG1 S (wheel slot 2) 94–109 FG2 S (wheel slot 3) 110–125 FG3 S (wheel slot 4) 126–141 FG4 S (wheel slot 5) 142–157 FG5 S (wheel slot 6) 158–173 FG6 S (wheel slot 7) 174–189 FG7 S (wheel slot 8) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 < 255–255 <<<
13	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
14	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 <<<
15	Focus	127	
16	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
17	Focus1Distance	0	0–15 Safe 16–32 5m 33–47 7m 48–255 10m
18	Focus1Adjust	128	

Standard (continued)

Ch	Function	Default	DMX values
19	Shutter / Strobe	63	0–31 Closed 32–63 Open 64–94 min Strobe 95–95 max Strobe 96–127 Open 128–158 min Pulse 159–159 max Pulse 160–191 Open 192–222 Random · min Rnd 1–9.71 Hz 223–223 Random · maxRnd 10 Hz 224–255 Open
20	Dimmer	0	0–254 Closed 255–255 Open
21	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
22	Frost1	0	0–127 Open (wheel slot 1) 128–255 Frost (wheel slot 2)
23	Animation Wheel1	0	0–7 Open (wheel slot 1) 8–8 >>> 9–126 >> 127–127 > 128–135 Stop 136–136 < 137–254 < 255–255 <<<
24	Color Mix MSpeed	0	

Standard (continued)

Ch	Function	Default	DMX values
25	Color Macro1	0	0–7 Safe 8–15 Macro 1-CT3200K 16–23 Macro 2-CT4300K 24–31 Macro 3-CT5600K 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 Random CMY
26	Blade1B	0	0–254 Open 255–255 Closed
27	Blade1A	0	0–254 Open 255–255 Closed
28	Blade3B	0	0–254 Open 255–255 Closed
29	Blade3A	0	0–254 Open 255–255 Closed
30	Blade2B	0	0–254 Open 255–255 Closed
31	Blade2A	0	0–254 Open 255–255 Closed
32	Blade4B	0	0–254 Open 255–255 Closed
33	Blade4A	0	0–254 Open 255–255 Closed
34	Shaper Rot	128	0–127 45 Deg 128–254 0 255–255 -45 Deg
35	Frame MSpeed	0	

Standard (continued)

Ch	Function	Default	DMX values
36	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
37	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 6 220–255 Internal pro 7
38	Pan Fine	0	Fine byte of Pan
39	Tilt Fine	0	Fine byte of Tilt

Extended

60 channels

Ch	Function	Default	DMX values
1	Cyan	0	
2	Cyan Fine	0	Fine byte of Cyan
3	Magenta	0	

Extended (continued)

Ch	Function	Default	DMX values
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	Position Modes	0	0–31 Quick 32–255 Smooth
9	Yellow	0	
10	Yellow Fine	0	Fine byte of Yellow
11	C TO	0	0–254 6500K 255–255 2700K
12	C TO Fine	0	Fine byte of C TO
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 CTB (wheel slot 7) 112–127 UV (wheel slot 8) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
14	Color Wheel Fine	0	Fine byte of Color Wheel
15	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
16	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 <<<
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
18	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) 70–77 FG7 (wheel slot 8) 78–93 FG1 S (wheel slot 2) 94–109 FG2 S (wheel slot 3) 110–125 FG3 S (wheel slot 4) 126–141 FG4 S (wheel slot 5) 142–157 FG5 S (wheel slot 6) 158–173 FG6 S (wheel slot 7) 174–189 FG7 S (wheel slot 8) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
19	Gobo 2 Fine	0	Fine byte of Gobo 2
20	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
21	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 <<<
22	Prism Rotation Fine	0	Fine byte of Prism Rotation

Extended (continued)

Ch	Function	Default	DMX values
23	Focus	127	
24	Focus Fine	127	Fine byte of Focus
25	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
26	Zoom Fine	127	Fine byte of Zoom
27	Focus1Distance	0	0–15 Safe 16–32 5m 33–47 7m 48–255 10m
28	Focus1Adjust	128	
29	Shutter / Strobe	63	0–31 Closed 32–63 Open 64–94 min Strobe 95–95 max Strobe 96–127 Open 128–158 min Pulse 159–159 max Pulse 160–191 Open 192–222 Random · min Rnd 1–9.71 Hz 223–223 Random · maxRnd 10 Hz 224–255 Open
30	Dimmer	0	0–254 Closed 255–255 Open
31	Dimmer Fine	0	Fine byte of Dimmer
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	0–127 Open (wheel slot 1) 128–255 Frost (wheel slot 2)
35	Animation Wheel1	0	0–7 Open (wheel slot 1) 8–8 >>> 9–126 >> 127–127 > 128–135 Stop 136–136 < 137–254 << 255–255 <<<
36	Color Mix MSpeed	0	

Extended (continued)

Ch	Function	Default	DMX values
37	Color Macro1	0	0–7 Safe 8–15 Macro 1-CT3200K 16–23 Macro 2-CT4300K 24–31 Macro 3-CT5600K 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 Random CMY
38	Blade1B	0	0–254 Open 255–255 Closed
39	Blade1B Fine	0	Fine byte of Blade1B
40	Blade1A	0	0–254 Open 255–255 Closed
41	Blade1A Fine	0	Fine byte of Blade1A
42	Blade3B	0	0–254 Open 255–255 Closed
43	Blade3B Fine	0	Fine byte of Blade3B
44	Blade3A	0	0–254 Open 255–255 Closed
45	Blade3A Fine	0	Fine byte of Blade3A
46	Blade2B	0	0–254 Open 255–255 Closed
47	Blade2B Fine	0	Fine byte of Blade2B
48	Blade2A	0	0–254 Open 255–255 Closed
49	Blade2A Fine	0	Fine byte of Blade2A
50	Blade4B	0	0–254 Open 255–255 Closed
51	Blade4B Fine	0	Fine byte of Blade4B
52	Blade4A	0	0–254 Open 255–255 Closed
53	Blade4A Fine	0	Fine byte of Blade4A

Extended (continued)

Ch	Function	Default	DMX values
54	Shaper Rot	128	0–127 45 Deg 128–254 0 255–255 -45 Deg
55	Shaper Rot Fine	128	Fine byte of Shaper Rot
56	Frame MSpeed	0	
57	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
58	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 6 220–255 Internal pro 7
59	Pan Fine	0	Fine byte of Pan
60	Tilt Fine	0	Fine byte of Tilt