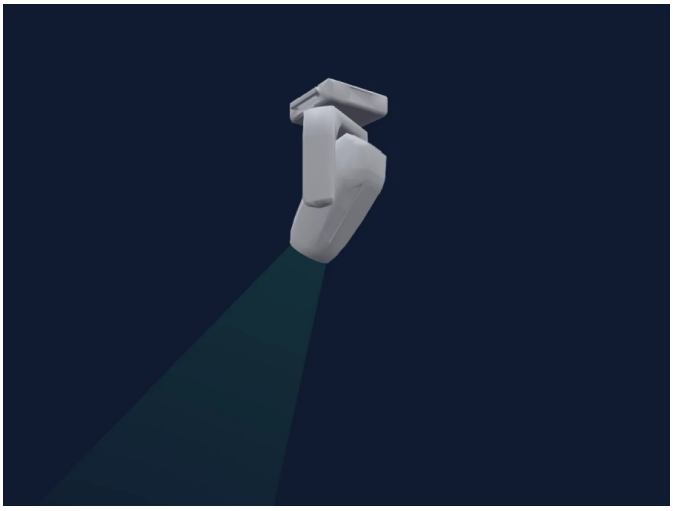
Terbly

V4000WP



Manufacturer	**Terbly**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**31, 33, 55 channels**
Beam angle	**11-60°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**338 × 592 × 272 mm**
GDTF fixture type	**C42F5030-0546-4A78-B02C-9F…**

Controls

Focus · Iris · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

Basic	31 ch
Standard	33 ch
Extended	55 ch

Basic

31 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	0–224 max 225–225 min 226–235 BO by Movement 236–255 BO by all Wheel
4	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
5	Dimmer	0	0–254 Closed 255–255 Open
6	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
7	Focus	127	
8	Color Wheel	0	0–19 Open (wheel slot 1) 20–37 Red (wheel slot 2) 38–55 Blue (wheel slot 3) 56–73 Green (wheel slot 4) 74–91 Orange (wheel slot 5) 92–109 Purple (wheel slot 6) 110–127 Navy Blue (wheel slot 7) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
9	Color Wheel 2	0	0–19 Open (wheel slot 1) 20–37 Magenta (wheel slot 2) 38–55 Pink (wheel slot 3) 56–73 Half Green (wheel slot 4) 74–91 CTB-003 (wheel slot 5) 92–109 CTB-002 (wheel slot 6) 110–127 Amber (wheel slot 7) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
10	Cyan	0	
11	Magenta	0	
12	Yellow	0	
13	C TO	0	
14	Color Sub R	0	
15	Color Sub G	0	

Basic (continued)

Ch	Function	Default	DMX values
16	Color Sub B	0	
17	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
18	Color Mix MSpeed	0	
19	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
20	Blade1B	0	0–254 Open 255–255 Closed
21	Blade1A	0	0–254 Open 255–255 Closed
22	Blade3B	0	0–254 Open 255–255 Closed
23	Blade3A	0	0–254 Open 255–255 Closed
24	Blade2B	0	0–254 Open 255–255 Closed
25	Blade2A	0	0–254 Open 255–255 Closed
26	Blade4B	0	0–254 Open 255–255 Closed
27	Blade4A	0	0–254 Open 255–255 Closed
28	Shaper Rot	128	0–127 45 Deg 128–254 0 255–255 -45 Deg
29	Frame MSpeed	0	

Basic (continued)

Ch	Function	Default	DMX values
30	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
31	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 NoFeature 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

Standard

33 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

Standard (continued)

Ch	Function	Default	DMX values
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 1–9.71 Hz 223–223 Random · maxRnd 10 Hz 224–255 Open 4
7	Dimmer	0	0–254 Closed 255–255 Open
8	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
9	Focus	127	
10	Color Wheel	0	0–19 Open (wheel slot 1) 20–37 Red (wheel slot 2) 38–55 Blue (wheel slot 3) 56–73 Green (wheel slot 4) 74–91 Orange (wheel slot 5) 92–109 Purple (wheel slot 6) 110–127 Navy Blue (wheel slot 7) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
11	Color Wheel 2	0	0–19 Open (wheel slot 1) 20–37 Magenta (wheel slot 2) 38–55 Pink (wheel slot 3) 56–73 Half Green (wheel slot 4) 74–91 CTB-003 (wheel slot 5) 92–109 CTB-002 (wheel slot 6) 110–127 Amber (wheel slot 7) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
12	Cyan	0	
13	Magenta	0	
14	Yellow	0	
15	C TO	0	
16	Color Sub R	0	
17	Color Sub G	0	
18	Color Sub B	0	

Standard (continued)

Ch	Function	Default	DMX values
19	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
20	Color Mix MSpeed	0	
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	Blade1B	0	0–254 Open 255–255 Closed
23	Blade1A	0	0–254 Open 255–255 Closed
24	Blade3B	0	0–254 Open 255–255 Closed
25	Blade3A	0	0–254 Open 255–255 Closed
26	Blade2B	0	0–254 Open 255–255 Closed
27	Blade2A	0	0–254 Open 255–255 Closed
28	Blade4B	0	0–254 Open 255–255 Closed
29	Blade4A	0	0–254 Open 255–255 Closed
30	Shaper Rot	128	0–127 45 Deg 128–254 0 255–255 -45 Deg
31	Frame MSpeed	0	

Standard (continued)

Ch	Function	Default	DMX values
32	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
33	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 NoFeature 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

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

Extended (continued)

Ch	Function	Default	DMX values
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 1–9.71 Hz 223–223 Random · maxRnd 10 Hz 224–255 Open 4
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
10	Zoom Fine	127	Fine byte of Zoom
11	Focus	127	
12	Focus Fine	127	Fine byte of Focus
13	Color Wheel	0	0–19 Open (wheel slot 1) 20–37 Red (wheel slot 2) 38–55 Blue (wheel slot 3) 56–73 Green (wheel slot 4) 74–91 Orange (wheel slot 5) 92–109 Purple (wheel slot 6) 110–127 Navy Blue (wheel slot 7) 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	Color Wheel 2	0	0–19 Open (wheel slot 1) 20–37 Magenta (wheel slot 2) 38–55 Pink (wheel slot 3) 56–73 Half Green (wheel slot 4) 74–91 CTB-003 (wheel slot 5) 92–109 CTB-002 (wheel slot 6) 110–127 Amber (wheel slot 7) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
16	Color Wheel 2 Fine	0	Fine byte of Color Wheel 2
17	Cyan	0	
18	Cyan Fine	0	Fine byte of Cyan
19	Magenta	0	

Extended (continued)

Ch	Function	Default	DMX values
20	Magenta Fine	0	Fine byte of Magenta
21	Yellow	0	
22	Yellow Fine	0	Fine byte of Yellow
23	C TO	0	
24	C TO Fine	0	Fine byte of C TO
25	Color Sub R	0	
26	Color Sub R Fine	0	Fine byte of Color Sub R
27	Color Sub G	0	
28	Color Sub G Fine	0	Fine byte of Color Sub G
29	Color Sub B	0	
30	Color Sub B Fine	0	Fine byte of Color Sub B
31	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
32	Color Mix MSpeed	0	
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	Blade1B	0	0–254 Open 255–255 Closed
36	Blade1B Fine	0	Fine byte of Blade1B
37	Blade1A	0	0–254 Open 255–255 Closed
38	Blade1A Fine	0	Fine byte of Blade1A

Extended (continued)

Ch	Function	Default	DMX values
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	Blade2B	0	0–254 Open 255–255 Closed
44	Blade2B Fine	0	Fine byte of Blade2B
45	Blade2A	0	0–254 Open 255–255 Closed
46	Blade2A Fine	0	Fine byte of Blade2A
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
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 40–59 Lamp On 60–79 Lamp Off 80–84 Reset All 85–87 Reset P/T 88–90 Reset Colors 91–93 NoFeature 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