Terbly

V4000P



Manufacturer	**Terbly**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**40, 62 channels**
Beam angle	**6.8-55°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**338 × 620 × 272 mm**
GDTF fixture type	**7BD22621-EF88-42EE-9112-936…**

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	40 ch
Extended	62 ch

Standard

40 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 1–9.71 Hz 223–223 Random · max Rnd 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	Focus1Distance	0	0–50 Safe 51–120 10m 121–190 15m 191–255 20m
11	Focus1Adjust	128	
12	Color Wheel	0	0–22 Open (wheel slot 1) 23–43 Red (wheel slot 2) 44–64 Orange (wheel slot 3) 65–85 Navy Orange (wheel slot 4) 86–106 Light Blue (wheel slot 5) 107–127 Green (wheel slot 6) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
13	Cyan	0	
14	Magenta	0	
15	Yellow	0	
16	C TO	0	
17	C TB	0	

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) 70–77 RG17 (wheel slot 8) 78–93 RG11 Shake (wheel slot 2) 94–109 RG12 Shake (wheel slot 3) 110–125 RG13 Shake (wheel slot 4) 126–141 RG14 Shake (wheel slot 5) 142–157 RG15 Shake (wheel slot 6) 158–173 RG16 Shake (wheel slot 7) 174–189 RG17 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 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) 70–77 RG27 (wheel slot 8) 78–93 RG21 Shake (wheel slot 2) 94–109 RG22 Shake (wheel slot 3) 110–125 RG23 Shake (wheel slot 4) 126–141 RG24 Shake (wheel slot 5) 142–157 RG25 Shake (wheel slot 6) 158–173 RG26 Shakee (wheel slot 7) 174–189 RG27 Shake (wheel slot 8) 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	0–7 Open (wheel slot 1) 8–8 >>> 9–126 >> 127–127 > 128–135 Stop 136–136 < 137–254 << 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

Standard (continued)

Ch	Function	Default	DMX values
26	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
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	0–50 Open (wheel slot 1) 51–100 Light Frost (wheel slot 2) 101–150 Heavy Frost (wheel slot 3) 151–255 L+H Frost (wheel slot 4)
29	Blade1B	0	0–254 Open 255–255 Closed
30	Blade1A	0	0–254 Open 255–255 Closed
31	Blade3B	0	0–254 Open 255–255 Closed
32	Blade3A	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	Blade4B	0	0–254 Open 255–255 Closed
36	Blade4A	0	0–254 Open 255–255 Closed
37	Shaper Rot	128	0–127 45 Deg 128–254 0 255–255 -45 Deg
38	Frame MSpeed	0	

Standard (continued)

Ch	Function	Default	DMX values
39	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
40	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

Extended

62 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 · max Rnd 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	Focus1Distance	0	0–50 Safe 51–120 10m 121–190 15m 191–255 20m
14	Focus1Adjust	128	
15	Color Wheel	0	0–22 Open (wheel slot 1) 23–43 Red (wheel slot 2) 44–64 Orange (wheel slot 3) 65–85 Navy Orange (wheel slot 4) 86–106 Light Blue (wheel slot 5) 107–127 Green (wheel slot 6) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
16	Color Wheel Fine	0	Fine byte of Color Wheel
17	Cyan	0	
18	Cyan Fine	0	Fine byte of Cyan
19	Magenta	0	
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	C TB	0	
26	C TB Fine	0	Fine byte of C TB

Extended (continued)

Ch	Function	Default	DMX values
27	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
28	Color Mix MSpeed	0	
29	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) 70–77 RG17 (wheel slot 8) 78–93 RG11 Shake (wheel slot 2) 94–109 RG12 Shake (wheel slot 3) 110–125 RG13 Shake (wheel slot 4) 126–141 RG14 Shake (wheel slot 5) 142–157 RG15 Shake (wheel slot 6) 158–173 RG16 Shake (wheel slot 7) 174–189 RG17 Shake (wheel slot 8) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 < 255–255 <<<
30	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 <<<

Extended (continued)

Ch	Function	Default	DMX values
31	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
32	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) 70–77 RG27 (wheel slot 8) 78–93 RG21 Shake (wheel slot 2) 94–109 RG22 Shake (wheel slot 3) 110–125 RG23 Shake (wheel slot 4) 126–141 RG24 Shake (wheel slot 5) 142–157 RG25 Shake (wheel slot 6) 158–173 RG26 Shakee (wheel slot 7) 174–189 RG27 Shake (wheel slot 8) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
33	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 <<<
34	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 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	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
37	Iris Fine	0	Fine byte of Iris

Extended (continued)

Ch	Function	Default	DMX values
38	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
39	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 <<<
40	Prism Rotation Fine	0	Fine byte of Prism Rotation
41	Frost1	0	0–50 Open (wheel slot 1) 51–100 Light Frost (wheel slot 2) 101–150 Heavy Frost (wheel slot 3) 151–255 L+H Frost (wheel slot 4)
42	Blade1B	0	0–254 Open 255–255 Closed
43	Blade1B Fine	0	Fine byte of Blade1B
44	Blade1A	0	0–254 Open 255–255 Closed
45	Blade1A Fine	0	Fine byte of Blade1A
46	Blade3B	0	0–254 Open 255–255 Closed
47	Blade3B Fine	0	Fine byte of Blade3B
48	Blade3A	0	0–254 Open 255–255 Closed
49	Blade3A Fine	0	Fine byte of Blade3A
50	Blade2B	0	0–254 Open 255–255 Closed
51	Blade2B Fine	0	Fine byte of Blade2B
52	Blade2A	0	0–254 Open 255–255 Closed
53	Blade2A Fine	0	Fine byte of Blade2A
54	Blade4B	0	0–254 Open 255–255 Closed
55	Blade4B Fine	0	Fine byte of Blade4B
56	Blade4A	0	0–254 Open 255–255 Closed

Extended (continued)

Ch	Function	Default	DMX values
57	Blade4A Fine	0	Fine byte of Blade4A
58	Shaper Rot	128	0–127 45 Deg 128–254 0 255–255 -45 Deg
59	Shaper Rot Fine	128	Fine byte of Shaper Rot
60	Frame MSpeed	0	
61	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
62	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