Terbly

SL300S



Manufacturer	**Terbly**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**22, 31 channels**
Beam angle	**9-42°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**283 × 369 × 223 mm**
GDTF fixture type	**2550B672-F110-420B-9F97-71A…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Standard	22 ch
Extended	31 ch

Standard

22 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	0–62 Closed 63–63 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 · max Rnd 25 Hz 224–255 Open 4
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architecural 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	0–50 Safe 51–100 5m 101–150 7m 151–200 10m 201–255 15m
12	Focus1Adjust	128	
13	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Green (wheel slot 3) 48–63 Blue (wheel slot 4) 64–79 Orange (wheel slot 5) 80–95 HMG6 (wheel slot 6) 96–111 CTO (wheel slot 7) 112–127 CTB (wheel slot 8) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<

Standard (continued)

Ch	Function	Default	DMX values
14	Color Wheel 2	0	0–15 Open (wheel slot 1) 16–31 Magenta (wheel slot 2) 32–47 Blue (wheel slot 3) 48–63 Spring Green (wheel slot 4) 64–79 Light Yellow (wheel slot 5) 80–95 Pink (wheel slot 6) 96–111 Cyan (wheel slot 7) 112–127 Amber (wheel slot 8) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
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 <<<
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 <<<

Standard (continued)

Ch	Function	Default	DMX values
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 FG4 (wheel slot 5) 50–59 FG5 (wheel slot 6) 60–69 FG6 (wheel slot 7) 70–79 FG7 (wheel slot 8) 80–89 FG8 (wheel slot 9) 90–99 FG9 (wheel slot 10) 100–109 FG1 Shake (wheel slot 2) 110–119 FG2 Shake (wheel slot 3) 120–129 FG3 Shake (wheel slot 4) 130–139 FG4 Shake (wheel slot 5) 140–149 FG5 Shake (wheel slot 6) 150–159 FG6 Shake (wheel slot 7) 160–169 FG7 Shake (wheel slot 8) 170–179 FG8 Shake (wheel slot 9) 180–189 FG9 Shake (wheel slot 10) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
18	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
19	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism 1 (wheel slot 2)
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	Frost1	0	0–254 Open (wheel slot 1) 255–255 Light Frost (wheel slot 2)

Standard (continued)

Ch	Function	Default	DMX values
22	Control1	0	0–19 Normal 20–29 Col any pos 30–39 Col/Gobo any pos 40–42 Display Off 43–45 Display ON 46–48 Fan Auto 49–51 Fan High 52–54 Fan Silent 55–57 Fan Studio 58–60 Fan Mute 61–63 Gamma=2'0 64–66 Gamma=2'2 67–69 Gamma=2'4 70–72 Gamma=2'6 73–75 Gamma=2'8 80–84 Reset All 85–87 Reset P/T 88–90 Reset Colors 91–93 Reset Gobos 94–96 Reset Zoom 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

31 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	0–62 Closed 63–63 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 · max Rnd 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 Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architecural 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	0–50 Safe 51–100 5m 101–150 7m 151–200 10m 201–255 15m
15	Focus1Adjust	128	
16	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Green (wheel slot 3) 48–63 Blue (wheel slot 4) 64–79 Orange (wheel slot 5) 80–95 HMG6 (wheel slot 6) 96–111 CTO (wheel slot 7) 112–127 CTB (wheel slot 8) 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	Color Wheel 2	0	0–15 Open (wheel slot 1) 16–31 Magenta (wheel slot 2) 32–47 Blue (wheel slot 3) 48–63 Spring Green (wheel slot 4) 64–79 Light Yellow (wheel slot 5) 80–95 Pink (wheel slot 6) 96–111 Cyan (wheel slot 7) 112–127 Amber (wheel slot 8) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
19	Color Wheel 2 Fine	0	Fine byte of Color Wheel 2

Extended (continued)

Ch	Function	Default	DMX values
20	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 <<<
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 <<<
22	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
23	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) 70–79 FG7 (wheel slot 8) 80–89 FG8 (wheel slot 9) 90–99 FG9 (wheel slot 10) 100–109 FG1 Shake (wheel slot 2) 110–119 FG2 Shake (wheel slot 3) 120–129 FG3 Shake (wheel slot 4) 130–139 FG4 Shake (wheel slot 5) 140–149 FG5 Shake (wheel slot 6) 150–159 FG6 Shake (wheel slot 7) 160–169 FG7 Shake (wheel slot 8) 170–179 FG8 Shake (wheel slot 9) 180–189 FG9 Shake (wheel slot 10) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
24	Gobo 2 Fine	0	Fine byte of Gobo 2

Extended (continued)

Ch	Function	Default	DMX values
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	Iris Fine	0	Fine byte of Iris
27	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism 1 (wheel slot 2)
28	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 <<<
29	Prism Rotation Fine	0	Fine byte of Prism Rotation
30	Frost1	0	0–254 Open (wheel slot 1) 255–255 Light Frost (wheel slot 2)
31	Control1	0	0–19 Normal 20–29 Col any pos 30–39 Col/Gobo any pos 40–42 Display Off 43–45 Display ON 46–48 Fan Auto 49–51 Fan High 52–54 Fan Silent 55–57 Fan Studio 58–60 Fan Mute 61–63 Gamma=2'0 64–66 Gamma=2'2 67–69 Gamma=2'4 70–72 Gamma=2'6 73–75 Gamma=2'8 80–84 Reset All 85–87 Reset P/T 88–90 Reset Colors 91–93 Reset Gobos 94–96 Reset Zoom 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