Terbly

G550B IP



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**24, 34 channels**
Beam angle	**1.7°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**338 × 489 × 292 mm**
GDTF fixture type	**D76D41A6-3E01-4C97-BD52-D…**

Controls

Focus · Frost · Prism · Prism rotation · CMY colour mixing · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

DMX modes

Standard	24 ch
Extended	34 ch

Standard

24 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 0–24.2 Hz 223–223 Random · max Rnd 25 Hz 224–255 Open 4
7	Dimmer	0	0–254 Closed 255–255 Open
8	Focus	127	
9	Color Wheel	0	0–15 Open (wheel slot 1) 16–22 Deep Red (wheel slot 2) 23–29 Blue (wheel slot 3) 30–36 Green (wheel slot 4) 37–43 Yellow (wheel slot 5) 44–50 Magenta (wheel slot 6) 51–57 Orange (wheel slot 7) 58–64 Pink (wheel slot 8) 65–71 Kelly Green (wheel slot 9) 72–78 Cyan (wheel slot 10) 79–85 Amber (wheel slot 11) 86–92 Light Yellow (wheel slot 12) 93–99 HMG6 (wheel slot 13) 100–106 Red (wheel slot 14) 107–113 CTB (wheel slot 15) 114–120 CTO (wheel slot 16) 121–127 UV (wheel slot 17) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
10	Cyan	0	
11	Magenta	0	
12	Yellow	0	

Standard (continued)

Ch	Function	Default	DMX values
13	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
14	Color Mix MSpeed	0	
15	Gobo	0	0–10 Beam Open (wheel slot 1) 11–21 Spot Open (wheel slot 1) 22–31 RG1 (wheel slot 2) 32–41 RG2 (wheel slot 3) 42–51 RG3 (wheel slot 4) 52–61 RG4 (wheel slot 5) 62–71 RG5 (wheel slot 6) 72–81 RG6 (wheel slot 7) 82–91 RG7 (wheel slot 8) 92–101 RG8 (wheel slot 9) 102–112 RG1 Shake (wheel slot 2) 113–123 RG2 Shake (wheel slot 3) 124–134 RG3 Shake (wheel slot 4) 135–145 RG4 Shake (wheel slot 5) 146–156 RG5 Shake (wheel slot 6) 157–167 RG6 Shake (wheel slot 7) 168–178 RG7 Shake (wheel slot 8) 179–189 RG8 Shake (wheel slot 9) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 < 255–255 <<<

Standard (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 2	0	0–4 Beam Open (wheel slot 1) 5–9 FG1 (wheel slot 2) 10–14 FG2 (wheel slot 3) 15–19 FG3 (wheel slot 4) 20–24 FG4 (wheel slot 5) 25–29 FG5 (wheel slot 6) 30–34 FG6 (wheel slot 7) 35–39 FG7 (wheel slot 8) 40–44 FG8 (wheel slot 9) 45–49 FG9 (wheel slot 10) 50–54 FG10 (wheel slot 11) 55–59 FG11 (wheel slot 12) 60–64 FG12 (wheel slot 13) 65–69 FG13 (wheel slot 14) 70–74 FG14 (wheel slot 15) 75–79 FG15 (wheel slot 16) 80–84 FG16 (wheel slot 17) 85–87 FG17 (wheel slot 18) 88–93 FG1 Shake (wheel slot 2) 94–99 FG2 Shake (wheel slot 3) 100–105 FG3 Shake (wheel slot 4) 106–111 FG4 Shake (wheel slot 5) 112–117 FG5 Shake (wheel slot 6) 118–123 FG6 Shake (wheel slot 7) 124–129 FG7 Shake (wheel slot 8) 130–135 FG8 Shake (wheel slot 9) 136–141 FG9 Shake (wheel slot 10) 142–147 FG10 Shake (wheel slot 11) 148–153 FG11 Shake (wheel slot 12) 154–159 FG12 Shake (wheel slot 13) 160–165 FG13 Shake (wheel slot 14) 166–171 FG14 Shake (wheel slot 15) 172–177 FG15 Shake (wheel slot 16) 178–183 FG16 Shake (wheel slot 17) 184–189 FG17 Shake (wheel slot 18) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<

Standard (continued)

Ch	Function	Default	DMX values
18	Prism	0	0–63 Open (wheel slot 1) 64–95 Beam expander (wheel slot 1) 96–127 32 Prism (wheel slot 3) 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
19	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 <<<
20	Prism	0	0–63 Open (wheel slot 1) 64–127 32 Prism (wheel slot 3) 128–255 Reserved
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	Frost1	0	0–127 Open (wheel slot 1) 128–255 100% Frost1 (wheel slot 2)
23	Frost2	0	0–127 Open (wheel slot 1) 128–255 100% Frost2 (wheel slot 2)

Standard (continued)

Ch	Function	Default	DMX values
24	Control1	0	0–39 Normal 40–49 Lamp On 50–59 Lamp Off 60–66 Lamp Power 370W 67–73 Lamp Power 430W 74–79 Lamp Power 560W 80–84 All Motor Reset 85–87 Pan / Tilt Reset 88–90 Color Mix Reset 91–93 Gobo System Reset 94–96 Shutter / Dimmer Reset 97–99 Other Motor Reset 100–119 Internal Program 1 120–139 Internal Program 2 140–159 Internal Program 3 160–179 Internal Program 4 180–199 Internal Program 5 200–219 Internal Program 6 220–239 Internal Program 7 240–241 Cmy Normal(default) 242–243 Cmy Fast 244–246 Home Position Before Power Off 247–249 Home Position Off 250–251 Display Off 252–255 Display On

Extended

34 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 0–24.2 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
9	Focus	127	
10	Focus Fine	127	Fine byte of Focus

Extended (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–15 Open (wheel slot 1) 16–22 Deep Red (wheel slot 2) 23–29 Blue (wheel slot 3) 30–36 Green (wheel slot 4) 37–43 Yellow (wheel slot 5) 44–50 Magenta (wheel slot 6) 51–57 Orange (wheel slot 7) 58–64 Pink (wheel slot 8) 65–71 Kelly Green (wheel slot 9) 72–78 Cyan (wheel slot 10) 79–85 Amber (wheel slot 11) 86–92 Light Yellow (wheel slot 12) 93–99 HMG6 (wheel slot 13) 100–106 Red (wheel slot 14) 107–113 CTB (wheel slot 15) 114–120 CTO (wheel slot 16) 121–127 UV (wheel slot 17) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
12	Color Wheel Fine	0	Fine byte of Color Wheel
13	Cyan	0	
14	Cyan Fine	0	Fine byte of Cyan
15	Magenta	0	
16	Magenta Fine	0	Fine byte of Magenta
17	Yellow	0	
18	Yellow Fine	0	Fine byte of Yellow
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

Extended (continued)

Ch	Function	Default	DMX values
20	Color Mix MSpeed	0	
21	Gobo	0	0–10 Beam Open (wheel slot 1) 11–21 Spot Open (wheel slot 1) 22–31 RG1 (wheel slot 2) 32–41 RG2 (wheel slot 3) 42–51 RG3 (wheel slot 4) 52–61 RG4 (wheel slot 5) 62–71 RG5 (wheel slot 6) 72–81 RG6 (wheel slot 7) 82–91 RG7 (wheel slot 8) 92–101 RG8 (wheel slot 9) 102–112 RG1 Shake (wheel slot 2) 113–123 RG2 Shake (wheel slot 3) 124–134 RG3 Shake (wheel slot 4) 135–145 RG4 Shake (wheel slot 5) 146–156 RG5 Shake (wheel slot 6) 157–167 RG6 Shake (wheel slot 7) 168–178 RG7 Shake (wheel slot 8) 179–189 RG8 Shake (wheel slot 9) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
22	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 <<<
23	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extended (continued)

Ch	Function	Default	DMX values
24	Gobo 2	0	0–4 Beam Open (wheel slot 1) 5–9 FG1 (wheel slot 2) 10–14 FG2 (wheel slot 3) 15–19 FG3 (wheel slot 4) 20–24 FG4 (wheel slot 5) 25–29 FG5 (wheel slot 6) 30–34 FG6 (wheel slot 7) 35–39 FG7 (wheel slot 8) 40–44 FG8 (wheel slot 9) 45–49 FG9 (wheel slot 10) 50–54 FG10 (wheel slot 11) 55–59 FG11 (wheel slot 12) 60–64 FG12 (wheel slot 13) 65–69 FG13 (wheel slot 14) 70–74 FG14 (wheel slot 15) 75–79 FG15 (wheel slot 16) 80–84 FG16 (wheel slot 17) 85–87 FG17 (wheel slot 18) 88–93 FG1 Shake (wheel slot 2) 94–99 FG2 Shake (wheel slot 3) 100–105 FG3 Shake (wheel slot 4) 106–111 FG4 Shake (wheel slot 5) 112–117 FG5 Shake (wheel slot 6) 118–123 FG6 Shake (wheel slot 7) 124–129 FG7 Shake (wheel slot 8) 130–135 FG8 Shake (wheel slot 9) 136–141 FG9 Shake (wheel slot 10) 142–147 FG10 Shake (wheel slot 11) 148–153 FG11 Shake (wheel slot 12) 154–159 FG12 Shake (wheel slot 13) 160–165 FG13 Shake (wheel slot 14) 166–171 FG14 Shake (wheel slot 15) 172–177 FG15 Shake (wheel slot 16) 178–183 FG16 Shake (wheel slot 17) 184–189 FG17 Shake (wheel slot 18) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
25	Gobo 2 Fine	0	Fine byte of Gobo 2
26	Prism	0	0–63 Open (wheel slot 1) 64–95 Beam expander (wheel slot 1) 96–127 32 Prism (wheel slot 3) 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

Extended (continued)

Ch	Function	Default	DMX values
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	Prism Rotation Fine	0	Fine byte of Prism Rotation
29	Prism	0	0–63 Open (wheel slot 1) 64–127 32 Prism (wheel slot 3) 128–255 Reserved
30	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 <<<
31	Prism Rotation Fine	0	Fine byte of Prism Rotation
32	Frost1	0	0–127 Open (wheel slot 1) 128–255 100% Frost1 (wheel slot 2)
33	Frost2	0	0–127 Open (wheel slot 1) 128–255 100% Frost2 (wheel slot 2)
34	Control1	0	0–39 Normal 40–49 Lamp On 50–59 Lamp Off 60–66 Lamp Power 370W 67–73 Lamp Power 430W 74–79 Lamp Power 560W 80–84 All Motor Reset 85–87 Pan / Tilt Reset 88–90 Color Mix Reset 91–93 Gobo System Reset 94–96 Shutter / Dimmer Reset 97–99 Other Motor Reset 100–119 Internal Program 1 120–139 Internal Program 2 140–159 Internal Program 3 160–179 Internal Program 4 180–199 Internal Program 5 200–219 Internal Program 6 220–239 Internal Program 7 240–241 Cmy Normal(default) 242–243 Cmy Fast 244–246 Home Position Before Power Off 247–249 Home Position Off 250–251 Display Off 252–255 Display On