Terbly

G10 Hybrid



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**18, 25 channels**
Beam angle	**1.9-25°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**310 × 532 × 276 mm**
GDTF fixture type	**838CECA1-F0E7-4D03-AD48-31…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

Standard	18 ch
Extended	25 ch

Standard

18 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–7 Open (wheel slot 1) 8–19 Red (wheel slot 2) 20–31 Green (wheel slot 3) 32–43 Blue (wheel slot 4) 44–55 Yellow (wheel slot 5) 56–67 Magenta (wheel slot 6) 68–79 Orange (wheel slot 7) 80–91 Azury (wheel slot 8) 92–103 CTO (wheel slot 9) 104–115 CTB (wheel slot 10) 116–127 UV (wheel slot 11) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
2	Gobo	0	0–10 Beam mode (wheel slot 1) 11–21 Spot mode (wheel slot 2) 22–31 RG1 (wheel slot 3) 32–41 RG2 (wheel slot 4) 42–51 RG3 (wheel slot 5) 52–61 RG4 (wheel slot 6) 62–71 RG5 (wheel slot 7) 72–81 RG6 (wheel slot 8) 82–91 RG7 (wheel slot 9) 92–101 RG8 (wheel slot 10) 102–112 RG1 Shake (wheel slot 3) 113–123 RG2 Shake (wheel slot 4) 124–134 RG3 Shake (wheel slot 5) 135–145 RG4 Shake (wheel slot 6) 146–156 RG5 Shake (wheel slot 7) 157–167 RG6 Shake (wheel slot 8) 168–178 RG7 Shake (wheel slot 9) 179–189 RG8 Shake (wheel slot 10) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
3	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
4	Gobo 2	0	0–7 Open (wheel slot 1) 8–14 FG1 (wheel slot 2) 15–21 FG2 (wheel slot 3) 22–28 FG3 (wheel slot 4) 29–35 FG4 (wheel slot 5) 36–42 FG5 (wheel slot 6) 43–49 FG6 (wheel slot 7) 50–56 FG7 (wheel slot 8) 57–63 FG8 (wheel slot 9) 64–70 FG9 (wheel slot 10) 71–77 FG10 (wheel slot 11) 78–84 FG11 (wheel slot 12) 85–91 FG12 (wheel slot 13) 92–98 FG13 (wheel slot 14) 99–105 FG1 Shake (wheel slot 2) 106–112 FG2 Shake (wheel slot 3) 113–119 FG3 Shake (wheel slot 4) 120–126 FG4 Shake (wheel slot 5) 127–133 FG5 Shake (wheel slot 6) 134–140 FG6 Shake (wheel slot 7) 141–147 FG7 Shake (wheel slot 8) 148–154 FG8 Shake (wheel slot 9) 155–161 FG9 Shake (wheel slot 10) 162–168 FG10 Shake (wheel slot 11) 169–175 FG11 Shake (wheel slot 12) 176–182 FG12 Shake (wheel slot 13) 183–189 FG13 Shake (wheel slot 14) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 < 255–255 <<<
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	Prism	0	0–31 Open (wheel slot 1) 32–79 8 Prism (wheel slot 2) 80–127 4 Linear 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

Standard (continued)

Ch	Function	Default	DMX values
9	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 <<<
10	Focus	127	
11	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
12	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
13	Dimmer	0	0–254 Closed 255–255 Open
14	Frost1	0	0–127 Open 128–255 Frost
15	Focus1Distance	0	0–50 Safe 51–150 15m 151–255 20m
16	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 PT 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
17	Pan Fine	0	Fine byte of Pan
18	Tilt Fine	0	Fine byte of Tilt

Extended

25 channels

Ch	Function	Default	DMX values

Extended (continued)

Ch	Function	Default	DMX values
1	Color Wheel	0	0–7 Open (wheel slot 1) 8–19 Red (wheel slot 2) 20–31 Green (wheel slot 3) 32–43 Blue (wheel slot 4) 44–55 Yellow (wheel slot 5) 56–67 Magenta (wheel slot 6) 68–79 Orange (wheel slot 7) 80–91 Azury (wheel slot 8) 92–103 CTO (wheel slot 9) 104–115 CTB (wheel slot 10) 116–127 UV (wheel slot 11) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 < 255–255 <<<
2	Color Wheel Fine	0	Fine byte of Color Wheel
3	Gobo	0	0–10 Beam mode (wheel slot 1) 11–21 Spot mode (wheel slot 2) 22–31 RG1 (wheel slot 3) 32–41 RG2 (wheel slot 4) 42–51 RG3 (wheel slot 5) 52–61 RG4 (wheel slot 6) 62–71 RG5 (wheel slot 7) 72–81 RG6 (wheel slot 8) 82–91 RG7 (wheel slot 9) 92–101 RG8 (wheel slot 10) 102–112 RG1 Shake (wheel slot 3) 113–123 RG2 Shake (wheel slot 4) 124–134 RG3 Shake (wheel slot 5) 135–145 RG4 Shake (wheel slot 6) 146–156 RG5 Shake (wheel slot 7) 157–167 RG6 Shake (wheel slot 8) 168–178 RG7 Shake (wheel slot 9) 179–189 RG8 Shake (wheel slot 10) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 < 255–255 <<<
4	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 <<<
5	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extended (continued)

Ch	Function	Default	DMX values
6	Gobo 2	0	0–7 Open (wheel slot 1) 8–14 FG1 (wheel slot 2) 15–21 FG2 (wheel slot 3) 22–28 FG3 (wheel slot 4) 29–35 FG4 (wheel slot 5) 36–42 FG5 (wheel slot 6) 43–49 FG6 (wheel slot 7) 50–56 FG7 (wheel slot 8) 57–63 FG8 (wheel slot 9) 64–70 FG9 (wheel slot 10) 71–77 FG10 (wheel slot 11) 78–84 FG11 (wheel slot 12) 85–91 FG12 (wheel slot 13) 92–98 FG13 (wheel slot 14) 99–105 FG1 Shake (wheel slot 2) 106–112 FG2 Shake (wheel slot 3) 113–119 FG3 Shake (wheel slot 4) 120–126 FG4 Shake (wheel slot 5) 127–133 FG5 Shake (wheel slot 6) 134–140 FG6 Shake (wheel slot 7) 141–147 FG7 Shake (wheel slot 8) 148–154 FG8 Shake (wheel slot 9) 155–161 FG9 Shake (wheel slot 10) 162–168 FG10 Shake (wheel slot 11) 169–175 FG11 Shake (wheel slot 12) 176–182 FG12 Shake (wheel slot 13) 183–189 FG13 Shake (wheel slot 14) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
7	Gobo 2 Fine	0	Fine byte of Gobo 2
8	Pan	128	
9	Tilt	128	
10	Position MSpeed	0	0–224 max 225–225 min 226–235 BO by movement 236–255 BO by all wheel
11	Prism	0	0–31 Open (wheel slot 1) 32–79 8 Prism (wheel slot 2) 80–127 4 Linear 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
12	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 <<<
13	Prism Rotation Fine	0	Fine byte of Prism Rotation
14	Focus	127	
15	Focus Fine	127	Fine byte of Focus
16	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
17	Zoom Fine	127	Fine byte of Zoom
18	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
19	Dimmer	0	0–254 Closed 255–255 Open
20	Dimmer Fine	0	Fine byte of Dimmer
21	Frost1	0	0–127 Open 128–255 Frost
22	Focus1Distance	0	0–50 Safe 51–150 15m 151–255 20m
23	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 PT 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
24	Pan Fine	128	Fine byte of Pan
25	Tilt Fine	128	Fine byte of Tilt