Terbly

G9 Hybrid



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**19, 26 channels**
Beam angle	**2-27°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**268 × 430 × 231 mm**
GDTF fixture type	**78CCCF8B-AF0B-4E95-AAA3-B0…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

Standard	19 ch
Extended	26 ch

Standard

19 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 236–245 BO by All Wheel 246–248 Home Position Before Power Off 249–255 Home Position Off
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	128	0–127 narrow 128–254 normal 255–255 wide
9	Focus	128	
10	Focus1Distance	0	0–50 Safe 51–127 7m(Spot mode) 128–191 15m 192–255 20m
11	Focus1Adjust	128	
12	Color Wheel	0	0–10 Open (wheel slot 1) 11–19 Red (wheel slot 2) 20–28 Blue (wheel slot 3) 29–37 Green (wheel slot 4) 38–46 Magenta (wheel slot 5) 47–55 Yellow (wheel slot 6) 56–64 Cyan (wheel slot 7) 65–73 Pink (wheel slot 8) 74–82 Orange (wheel slot 9) 83–91 Aqua (wheel slot 10) 92–100 Purple (wheel slot 11) 101–109 CTO (wheel slot 12) 110–118 CTB (wheel slot 13) 119–127 UV (wheel slot 14) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<

Standard (continued)

Ch	Function	Default	DMX values
13	Gobo	0	0–10 Beam mode(Open) (wheel slot 1) 11–21 Spot mode(Open) (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 <<<
14	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
15	Gobo 2	0	0–21 Open (wheel slot 1) 22–28 FG1 (wheel slot 2) 29–35 FG2 (wheel slot 3) 36–42 FG3 (wheel slot 4) 43–49 FG4 (wheel slot 5) 50–56 FG5 (wheel slot 6) 57–63 FG6 (wheel slot 7) 64–70 FG7 (wheel slot 8) 71–77 FG8 (wheel slot 9) 78–84 FG9 (wheel slot 10) 85–91 FG10 (wheel slot 11) 92–98 FG11 (wheel slot 12) 99–105 FG12 (wheel slot 13) 106–112 FG1 Shake (wheel slot 2) 113–119 FG2 Shake (wheel slot 3) 120–126 FG3 Shake (wheel slot 4) 127–133 FG4 Shake (wheel slot 5) 134–140 FG5 Shake (wheel slot 6) 141–147 FG6 Shake (wheel slot 7) 148–154 FG7 Shake (wheel slot 8) 155–161 FG8 Shake (wheel slot 9) 162–168 FG9 Shake (wheel slot 10) 169–175 FG10 Shake (wheel slot 11) 176–182 FG11 Shake (wheel slot 12) 183–189 FG12 Shake (wheel slot 13) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 < 255–255 <<<
16	Prism	0	0–31 Open (wheel slot 1) 32–50 8 Prism (wheel slot 2) 51–69 Linear Prism (wheel slot 3) 70–88 10 Prism (wheel slot 4) 89–107 8+10 Prism (wheel slot 5) 108–127 10+Linear Prism (wheel slot 6) 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
17	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 <<<
18	Frost1	0	0–254 Open 255–255 100% Frost
19	Control1	0	0–19 Normal 20–29 Col any pos 30–39 Col/Gobo any pos 40–49 Lamp ON 50–79 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 6 220–239 Internal pro 7 240–255 Sound Control

Extended

26 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 236–245 BO by All Wheel 246–248 Home Position Before Power Off 249–255 Home Position Off
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

Extended (continued)

Ch	Function	Default	DMX values
9	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
10	Zoom Fine	128	Fine byte of Zoom
11	Focus	128	
12	Focus Fine	128	Fine byte of Focus
13	Focus1Distance	0	0–50 Safe 51–127 7m(Spot mode) 128–191 15m 192–255 20m
14	Focus1Adjust	128	
15	Color Wheel	0	0–10 Open (wheel slot 1) 11–19 Red (wheel slot 2) 20–28 Blue (wheel slot 3) 29–37 Green (wheel slot 4) 38–46 Magenta (wheel slot 5) 47–55 Yellow (wheel slot 6) 56–64 Cyan (wheel slot 7) 65–73 Pink (wheel slot 8) 74–82 Orange (wheel slot 9) 83–91 Aqua (wheel slot 10) 92–100 Purple (wheel slot 11) 101–109 CTO (wheel slot 12) 110–118 CTB (wheel slot 13) 119–127 UV (wheel slot 14) 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	Gobo	0	0–10 Beam mode(Open) (wheel slot 1) 11–21 Spot mode(Open) (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 <<<

Extended (continued)

Ch	Function	Default	DMX values
18	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 <<<
19	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
20	Gobo 2	0	0–21 Open (wheel slot 1) 22–28 FG1 (wheel slot 2) 29–35 FG2 (wheel slot 3) 36–42 FG3 (wheel slot 4) 43–49 FG4 (wheel slot 5) 50–56 FG5 (wheel slot 6) 57–63 FG6 (wheel slot 7) 64–70 FG7 (wheel slot 8) 71–77 FG8 (wheel slot 9) 78–84 FG9 (wheel slot 10) 85–91 FG10 (wheel slot 11) 92–98 FG11 (wheel slot 12) 99–105 FG12 (wheel slot 13) 106–112 FG1 Shake (wheel slot 2) 113–119 FG2 Shake (wheel slot 3) 120–126 FG3 Shake (wheel slot 4) 127–133 FG4 Shake (wheel slot 5) 134–140 FG5 Shake (wheel slot 6) 141–147 FG6 Shake (wheel slot 7) 148–154 FG7 Shake (wheel slot 8) 155–161 FG8 Shake (wheel slot 9) 162–168 FG9 Shake (wheel slot 10) 169–175 FG10 Shake (wheel slot 11) 176–182 FG11 Shake (wheel slot 12) 183–189 FG12 Shake (wheel slot 13) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
21	Gobo 2 Fine	0	Fine byte of Gobo 2

Extended (continued)

Ch	Function	Default	DMX values
22	Prism	0	0–31 Open (wheel slot 1) 32–50 8 Prism (wheel slot 2) 51–69 Linear Prism (wheel slot 3) 70–88 10 Prism (wheel slot 4) 89–107 8+10 Prism (wheel slot 5) 108–127 10+Linear Prism (wheel slot 6) 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
23	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 <<<
24	Prism Rotation Fine	0	Fine byte of Prism Rotation
25	Frost1	0	0–254 Open 255–255 100% Frost
26	Control1	0	0–19 Normal 20–29 Col any pos 30–39 Col/Gobo any pos 40–49 Lamp ON 50–79 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 6 220–239 Internal pro 7 240–255 Sound Control