Terbly

G14B IP



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**19, 28 channels**
Beam angle	**2.5°**
Pan range	**540°**
Tilt range	**260°**
Size (W × H × D)	**313 × 454 × 261 mm**
GDTF fixture type	**FADAF4BD-31E0-48DA-90AD-E…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

Standard	19 ch
Extended	28 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 speed 225–225 min speed 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 · maxRnd 10 Hz 224–255 Open 4
7	Dimmer	0	0–254 Closed 255–255 Open
8	Focus	128	
9	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 Yellow (wheel slot 5) 47–55 Magenta (wheel slot 6) 56–64 Cyan (wheel slot 7) 65–73 Orange (wheel slot 8) 74–82 Pink (wheel slot 9) 83–91 Dark Yellow (wheel slot 10) 92–100 Navy blue (wheel slot 11) 101–109 CTO (wheel slot 12) 110–118 CTB (wheel slot 13) 119–127 UV (wheel slot 14) 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–223 < 224–254 << 255–255 <<<
10	Cyan	0	
11	Magenta	0	
12	Yellow	0	

Standard (continued)

Ch	Function	Default	DMX values
13	Gobo	0	0–21 Open (wheel slot 1) 22–31 RG 1 (wheel slot 2) 32–41 RG 2 (wheel slot 3) 42–51 RG 3 (wheel slot 4) 52–61 RG 4 (wheel slot 5) 62–71 RG 5 (wheel slot 6) 72–81 RG 6 (wheel slot 7) 82–91 RG 7 (wheel slot 8) 92–101 RG 8 (wheel slot 9) 102–112 RG 1 Shake (wheel slot 1) 113–123 RG 2 Shake (wheel slot 2) 124–134 RG 3 Shake (wheel slot 3) 135–145 RG 4 Shake (wheel slot 4) 146–156 RG 5 Shake (wheel slot 5) 157–167 RG 6 Shake (wheel slot 6) 168–178 RG 7 Shake (wheel slot 7) 179–189 RG 8 Shake (wheel slot 8) 190–190 >>> 191–222 >> 223–223 > 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	0–7 Open (wheel slot 1) 8–14 FG 1 (wheel slot 2) 15–21 FG 2 (wheel slot 3) 22–28 FG 3 (wheel slot 4) 29–35 FG 4 (wheel slot 5) 36–42 FG 5 (wheel slot 6) 43–49 FG 6 (wheel slot 7) 50–56 FG 7 (wheel slot 8) 57–63 FG 8 (wheel slot 9) 64–70 FG 9 (wheel slot 10) 71–77 FG 10 (wheel slot 11) 78–84 FG 11 (wheel slot 12) 85–91 FG 12 (wheel slot 13) 92–98 FG 13 (wheel slot 14) 99–105 FG 1 Shake (wheel slot 2) 106–112 FG 2 Shake (wheel slot 3) 113–119 FG 3 Shake (wheel slot 4) 120–126 FG 4 Shake (wheel slot 5) 127–133 FG 5 Shake (wheel slot 6) 134–140 FG 6 Shake (wheel slot 7) 141–147 FG 7 Shake (wheel slot 8) 148–154 FG 8 Shake (wheel slot 9) 155–161 FG 9 Shake (wheel slot 10) 162–168 FG 10 Shake (wheel slot 11) 169–175 FG 11 Shake (wheel slot 12) 176–182 FG 12 Shake (wheel slot 13) 183–189 FG 13 Shake (wheel slot 14) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 < 255–255 <<<
16	Prism	0	0–31 Open 32–63 4 Linear Prism (wheel slot 1) 64–95 16 Prism (wheel slot 2) 96–127 4Linear +16 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
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 (wheel slot 1) 255–255 100% Frost (wheel slot 2)
19	Control1	0	0–19 Normal 20–29 Col any pos 30–39 Col/Gob any pos 40–59 Lamp on 60–79 Lamp off 80–84 Reset All 85–87 Reset Pan/Tilt 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

28 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 speed 225–225 min speed 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 · maxRnd 10 Hz 224–255 Open 4
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Focus	128	
10	Focus Fine	128	Fine byte of Focus

Extended (continued)

Ch	Function	Default	DMX values
11	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 Yellow (wheel slot 5) 47–55 Magenta (wheel slot 6) 56–64 Cyan (wheel slot 7) 65–73 Orange (wheel slot 8) 74–82 Pink (wheel slot 9) 83–91 Dark Yellow (wheel slot 10) 92–100 Navy blue (wheel slot 11) 101–109 CTO (wheel slot 12) 110–118 CTB (wheel slot 13) 119–127 UV (wheel slot 14) 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–223 < 224–254 << 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	Gobo	0	0–21 Open (wheel slot 1) 22–31 RG 1 (wheel slot 2) 32–41 RG 2 (wheel slot 3) 42–51 RG 3 (wheel slot 4) 52–61 RG 4 (wheel slot 5) 62–71 RG 5 (wheel slot 6) 72–81 RG 6 (wheel slot 7) 82–91 RG 7 (wheel slot 8) 92–101 RG 8 (wheel slot 9) 102–112 RG 1 Shake (wheel slot 1) 113–123 RG 2 Shake (wheel slot 2) 124–134 RG 3 Shake (wheel slot 3) 135–145 RG 4 Shake (wheel slot 4) 146–156 RG 5 Shake (wheel slot 5) 157–167 RG 6 Shake (wheel slot 6) 168–178 RG 7 Shake (wheel slot 7) 179–189 RG 8 Shake (wheel slot 8) 190–190 >>> 191–222 >> 223–223 > 224–224 < 225–254 << 255–255 <<<

Extended (continued)

Ch	Function	Default	DMX values
20	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 <<<
21	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
22	Gobo 2	0	0–7 Open (wheel slot 1) 8–14 FG 1 (wheel slot 2) 15–21 FG 2 (wheel slot 3) 22–28 FG 3 (wheel slot 4) 29–35 FG 4 (wheel slot 5) 36–42 FG 5 (wheel slot 6) 43–49 FG 6 (wheel slot 7) 50–56 FG 7 (wheel slot 8) 57–63 FG 8 (wheel slot 9) 64–70 FG 9 (wheel slot 10) 71–77 FG 10 (wheel slot 11) 78–84 FG 11 (wheel slot 12) 85–91 FG 12 (wheel slot 13) 92–98 FG 13 (wheel slot 14) 99–105 FG 1 Shake (wheel slot 2) 106–112 FG 2 Shake (wheel slot 3) 113–119 FG 3 Shake (wheel slot 4) 120–126 FG 4 Shake (wheel slot 5) 127–133 FG 5 Shake (wheel slot 6) 134–140 FG 6 Shake (wheel slot 7) 141–147 FG 7 Shake (wheel slot 8) 148–154 FG 8 Shake (wheel slot 9) 155–161 FG 9 Shake (wheel slot 10) 162–168 FG 10 Shake (wheel slot 11) 169–175 FG 11 Shake (wheel slot 12) 176–182 FG 12 Shake (wheel slot 13) 183–189 FG 13 Shake (wheel slot 14) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
23	Gobo 2 Fine	0	Fine byte of Gobo 2

Extended (continued)

Ch	Function	Default	DMX values
24	Prism	0	0–31 Open 32–63 4 Linear Prism (wheel slot 1) 64–95 16 Prism (wheel slot 2) 96–127 4Linear +16 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
25	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 <<<
26	Prism Rotation Fine	0	Fine byte of Prism Rotation
27	Frost1	0	0–254 Open (wheel slot 1) 255–255 100% Frost (wheel slot 2)
28	Control1	0	0–19 Normal 20–29 Col any pos 30–39 Col/Gob any pos 40–59 Lamp on 60–79 Lamp off 80–84 Reset All 85–87 Reset Pan/Tilt 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