Terbly

PT230B-YL



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**14, 19 channels**
Beam angle	**3°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**256 × 349 × 234 mm**
GDTF fixture type	**BF00D6DD-0FB8-4AF8-8809-99…**

Controls

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

DMX modes

Standard	14 ch
Extended	19 ch

Standard

14 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	0–31 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	0–6 Open (wheel slot 1) 7–17 Red (wheel slot 2) 18–28 Blue (wheel slot 3) 29–39 Green (wheel slot 4) 40–50 Yellow (wheel slot 5) 51–61 Magenta (wheel slot 6) 62–72 Orange (wheel slot 7) 73–83 Pink (wheel slot 8) 84–94 Kelly Green (wheel slot 9) 95–105 Cyan (wheel slot 10) 106–116 Amber (wheel slot 11) 117–127 Light Yellow (wheel slot 12) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<

Standard (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–9 Open (wheel slot 1) 10–14 FG1 (wheel slot 2) 15–19 FG2 (wheel slot 3) 20–24 FG3 (wheel slot 4) 25–29 FG4 (wheel slot 5) 30–34 FG5 (wheel slot 6) 35–39 FG6 (wheel slot 7) 40–44 FG7 (wheel slot 8) 45–49 FG8 (wheel slot 9) 50–54 FG9 (wheel slot 10) 55–59 FG10 (wheel slot 11) 60–64 FG11 (wheel slot 12) 65–69 FG12 (wheel slot 13) 70–74 FG13 (wheel slot 14) 75–79 FG14 (wheel slot 15) 80–84 FG15 (wheel slot 16) 85–91 FG1 (wheel slot 2) 92–98 FG2 (wheel slot 3) 99–105 FG3 (wheel slot 4) 106–112 FG4 (wheel slot 5) 113–119 FG5 (wheel slot 6) 120–126 FG6 (wheel slot 7) 127–133 FG7 (wheel slot 8) 134–140 FG8 (wheel slot 9) 141–147 FG9 (wheel slot 10) 148–154 FG10 (wheel slot 11) 155–161 FG11 (wheel slot 12) 162–168 FG12 (wheel slot 13) 169–175 FG13 (wheel slot 14) 176–182 FG14 (wheel slot 15) 183–189 FG15 (wheel slot 16) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 < 255–255 <<<
11	Prism	0	0–31 Open (wheel slot 1) 32–127 8 Prism (wheel slot 2) 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
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	Frost1	0	0–254 Open 255–255 Frost
14	Control1	0	0–19 Normal 20–29 Color any pos 30–39 Color/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 Program 1 120–139 Program 2 140–159 Program 3 160–179 Program 4 180–199 Program 5 200–219 Program 6 220–249 Program 7 250–251 Display Off 252–255 Display On

Extended

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 236–255 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

Extended (continued)

Ch	Function	Default	DMX values
9	Focus	128	
10	Focus Fine	128	Fine byte of Focus
11	Color Wheel	0	0–6 Open (wheel slot 1) 7–17 Red (wheel slot 2) 18–28 Blue (wheel slot 3) 29–39 Green (wheel slot 4) 40–50 Yellow (wheel slot 5) 51–61 Magenta (wheel slot 6) 62–72 Orange (wheel slot 7) 73–83 Pink (wheel slot 8) 84–94 Kelly Green (wheel slot 9) 95–105 Cyan (wheel slot 10) 106–116 Amber (wheel slot 11) 117–127 Light Yellow (wheel slot 12) 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	Gobo	0	0–9 Open (wheel slot 1) 10–14 FG1 (wheel slot 2) 15–19 FG2 (wheel slot 3) 20–24 FG3 (wheel slot 4) 25–29 FG4 (wheel slot 5) 30–34 FG5 (wheel slot 6) 35–39 FG6 (wheel slot 7) 40–44 FG7 (wheel slot 8) 45–49 FG8 (wheel slot 9) 50–54 FG9 (wheel slot 10) 55–59 FG10 (wheel slot 11) 60–64 FG11 (wheel slot 12) 65–69 FG12 (wheel slot 13) 70–74 FG13 (wheel slot 14) 75–79 FG14 (wheel slot 15) 80–84 FG15 (wheel slot 16) 85–91 FG1 (wheel slot 2) 92–98 FG2 (wheel slot 3) 99–105 FG3 (wheel slot 4) 106–112 FG4 (wheel slot 5) 113–119 FG5 (wheel slot 6) 120–126 FG6 (wheel slot 7) 127–133 FG7 (wheel slot 8) 134–140 FG8 (wheel slot 9) 141–147 FG9 (wheel slot 10) 148–154 FG10 (wheel slot 11) 155–161 FG11 (wheel slot 12) 162–168 FG12 (wheel slot 13) 169–175 FG13 (wheel slot 14) 176–182 FG14 (wheel slot 15) 183–189 FG15 (wheel slot 16) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
14	Gobo Fine	0	Fine byte of Gobo

Extended (continued)

Ch	Function	Default	DMX values
15	Prism	0	0–31 Open (wheel slot 1) 32–127 8 Prism (wheel slot 2) 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
16	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 <<<
17	Prism Rotation Fine	0	Fine byte of Prism Rotation
18	Frost1	0	0–254 Open 255–255 Frost
19	Control1	0	0–19 Normal 20–29 Color any pos 30–39 Color/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 Program 1 120–139 Program 2 140–159 Program 3 160–179 Program 4 180–199 Program 5 200–219 Program 6 220–249 Program 7 250–251 Display Off 252–255 Display On