Terbly

PT230B



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**14, 18 channels**
Beam angle	**3°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**215 × 305 × 225 mm**
GDTF fixture type	**8BE56522-E80F-4D3D-A5E4-24…**

Controls

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

DMX modes

Standard	14 ch
Extended	18 ch

Standard

14 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–10 Open (wheel slot 1) 11–21 Red (wheel slot 2) 22–32 Blue (wheel slot 3) 33–43 Green (wheel slot 4) 44–54 Yellow (wheel slot 5) 55–65 Magenta (wheel slot 6) 66–76 Pink (wheel slot 7) 77–87 Orange (wheel slot 8) 88–98 Light Blue (wheel slot 9) 99–109 Purple (wheel slot 10) 110–120 Dark Blue (wheel slot 11) 121–127 UV (wheel slot 12) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
2	Gobo	0	0–9 Open (wheel slot 1) 10–19 RG1 (wheel slot 2) 20–29 RG2 (wheel slot 3) 30–39 RG3 (wheel slot 4) 40–49 RG4 (wheel slot 5) 50–59 RG5 (wheel slot 6) 60–69 RG6 (wheel slot 7) 70–79 RG7 (wheel slot 8) 80–89 RG8 (wheel slot 9) 90–104 RG1 Shake (wheel slot 2) 105–119 RG2 Shake (wheel slot 3) 120–134 RG3 Shake (wheel slot 4) 135–149 RG4 Shake (wheel slot 5) 150–164 RG5 Shake (wheel slot 6) 165–179 RG6 Shake (wheel slot 7) 180–194 RG7 Shake (wheel slot 8) 195–209 RG8 Shake (wheel slot 9) 210–210 > 211–254 >> 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	Prism	0	0–3 Open (wheel slot 1) 4–4 3Pris >>> (wheel slot 2) 5–62 3Pris >> (wheel slot 2) 63–63 3Pris > (wheel slot 2) 64–67 Stop (wheel slot 2) 68–68 3Pris < (wheel slot 2) 69–126 3Pris << (wheel slot 2) 127–127 3Pris <<< (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
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	Focus	128	
9	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
10	Dimmer	0	0–254 Closed 255–255 Open
11	Frost1	0	0–254 Open (wheel slot 1) 255–255 Frost (wheel slot 2)

Standard (continued)

Ch	Function	Default	DMX values
12	Control1	0	0–19 Normal 20–29 Color any pos 30–39 Color/Gobo any pos 40–59 Lamp On 60–79 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 6 220–239 Program 7 240–255 Sound
13	Pan Fine	0	Fine byte of Pan
14	Tilt Fine	0	Fine byte of Tilt

Extended

18 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	Color Wheel	0	0–10 Open (wheel slot 1) 11–21 Red (wheel slot 2) 22–32 Blue (wheel slot 3) 33–43 Green (wheel slot 4) 44–54 Yellow (wheel slot 5) 55–65 Magenta (wheel slot 6) 66–76 Pink (wheel slot 7) 77–87 Orange (wheel slot 8) 88–98 Light Blue (wheel slot 9) 99–109 Purple (wheel slot 10) 110–120 Dark Blue (wheel slot 11) 121–127 UV (wheel slot 12) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
7	Color Wheel Fine	0	Fine byte of Color Wheel

Extended (continued)

Ch	Function	Default	DMX values
8	Gobo	0	0–9 Open (wheel slot 1) 10–19 RG1 (wheel slot 2) 20–29 RG2 (wheel slot 3) 30–39 RG3 (wheel slot 4) 40–49 RG4 (wheel slot 5) 50–59 RG5 (wheel slot 6) 60–69 RG6 (wheel slot 7) 70–79 RG7 (wheel slot 8) 80–89 RG8 (wheel slot 9) 90–104 RG1 Shake (wheel slot 2) 105–119 RG2 Shake (wheel slot 3) 120–134 RG3 Shake (wheel slot 4) 135–149 RG4 Shake (wheel slot 5) 150–164 RG5 Shake (wheel slot 6) 165–179 RG6 Shake (wheel slot 7) 180–194 RG7 Shake (wheel slot 8) 195–209 RG8 Shake (wheel slot 9) 210–210 > 211–254 >> 255–255 >>>
9	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 <<<
10	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
11	Prism	0	0–3 Open (wheel slot 1) 4–4 3Pris >>> (wheel slot 2) 5–62 3Pris >> (wheel slot 2) 63–63 3Pris > (wheel slot 2) 64–67 Stop (wheel slot 2) 68–68 3Pris < (wheel slot 2) 69–126 3Pris << (wheel slot 2) 127–127 3Pris <<< (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
12	Focus	128	
13	Focus Fine	128	Fine byte of Focus

Extended (continued)

Ch	Function	Default	DMX values
14	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
15	Dimmer	0	0–254 Closed 255–255 Open
16	Dimmer Fine	0	Fine byte of Dimmer
17	Frost1	0	0–254 Open (wheel slot 1) 255–255 Frost (wheel slot 2)
18	Control1	0	0–19 Normal 20–29 Color any pos 30–39 Color/Gobo any pos 40–59 Lamp On 60–79 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 6 220–239 Program 7 240–255 Sound