Terbly

G9B



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 22 channels**
Beam angle	**2°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**256 × 349 × 234 mm**
GDTF fixture type	**9703ED26-36C7-4DF3-9CEE-B2…**

Controls

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

DMX modes

Standard	16 ch
Extended	22 ch

Standard

16 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 128–158 min Pulse 159–159 max Pulse 160–191 Open 192–222 Random · min Rnd 1–9.71 Hz 223–223 Random · maxRnd 10 Hz 224–255 Open
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 Light Blue (wheel slot 7) 65–73 Orange (wheel slot 8) 74–82 Pink (wheel slot 9) 83–91 Dark Yellow (wheel slot 10) 92–100 Dark Blue (wheel slot 11) 101–109 UV (wheel slot 12) 110–118 CTO (wheel slot 13) 119–127 CTB (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
10	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) 90–99 RG1 Shake (wheel slot 2) 100–109 RG2 Shake (wheel slot 3) 110–119 RG3 Shake (wheel slot 4) 120–129 RG4 Shake (wheel slot 5) 130–139 RG5 Shake (wheel slot 6) 140–149 RG6 Shake (wheel slot 7) 150–159 RG7 Shake (wheel slot 8) 160–169 RG8 Shake (wheel slot 9) 170–170 >>> 171–208 >> 209–209 > 210–215 Stop 216–216 < 217–254 < 255–255 <<<
11	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
12	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 FG7 Shake (wheel slot 7) 148–154 FG8 Shake (wheel slot 8) 155–161 FG9 Shake (wheel slot 9) 162–168 FG10 Shake (wheel slot 10) 169–175 FG11 Shake (wheel slot 11) 176–182 FG12 Shake (wheel slot 12) 183–189 FG13 Shake (wheel slot 13) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
13	Prism	0	0–31 Open 32–63 5 Prism (wheel slot 1) 64–95 32 Prism (wheel slot 2) 96–127 5+32 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
14	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 <<<

Standard (continued)

Ch	Function	Default	DMX values
15	Frost1	0	0–254 Open 255–255 Frost
16	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

Extended

22 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 128–158 min Pulse 159–159 max Pulse 160–191 Open 192–222 Random · min Rnd 1–9.71 Hz 223–223 Random · maxRnd 10 Hz 224–255 Open
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 Light Blue (wheel slot 7) 65–73 Orange (wheel slot 8) 74–82 Pink (wheel slot 9) 83–91 Dark Yellow (wheel slot 10) 92–100 Dark Blue (wheel slot 11) 101–109 UV (wheel slot 12) 110–118 CTO (wheel slot 13) 119–127 CTB (wheel slot 14) 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) 10–19 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) 90–99 RG1 Shake (wheel slot 2) 100–109 RG2 Shake (wheel slot 3) 110–119 RG3 Shake (wheel slot 4) 120–129 RG4 Shake (wheel slot 5) 130–139 RG5 Shake (wheel slot 6) 140–149 RG6 Shake (wheel slot 7) 150–159 RG7 Shake (wheel slot 8) 160–169 RG8 Shake (wheel slot 9) 170–170 >>> 171–208 >> 209–209 > 210–215 Stop 216–216 < 217–254 << 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 <<<
15	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extended (continued)

Ch	Function	Default	DMX values
16	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 FG7 Shake (wheel slot 7) 148–154 FG8 Shake (wheel slot 8) 155–161 FG9 Shake (wheel slot 9) 162–168 FG10 Shake (wheel slot 10) 169–175 FG11 Shake (wheel slot 11) 176–182 FG12 Shake (wheel slot 12) 183–189 FG13 Shake (wheel slot 13) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
17	Gobo 2 Fine	0	Fine byte of Gobo 2
18	Prism	0	0–31 Open 32–63 5 Prism (wheel slot 1) 64–95 32 Prism (wheel slot 2) 96–127 5+32 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
19	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 <<<

Extended (continued)

Ch	Function	Default	DMX values
20	Prism Rotation Fine	0	Fine byte of Prism Rotation
21	Frost1	0	0–254 Open 255–255 Frost
22	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