Terbly

G25B IP



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**26, 33 channels**
Beam angle	**1.9°**
Pan range	**540°**
Tilt range	**260°**
Size (W × H × D)	**324 × 554 × 293 mm**
GDTF fixture type	**A3DE21ED-CA18-4D7A-815F-0F…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

Standard	26 ch
Extended	33 ch

Standard

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
9	Focus	128	
10	Color Wheel	0	0–15 Open (wheel slot 1) 16–22 Red (wheel slot 2) 23–29 Blue (wheel slot 3) 30–36 Green (wheel slot 4) 37–43 Yellow (wheel slot 5) 44–50 Manenta (wheel slot 6) 51–57 Orange (wheel slot 7) 58–64 Pink (wheel slot 8) 65–71 KellyGreen (wheel slot 9) 72–78 Cyan (wheel slot 10) 79–85 Amber (wheel slot 11) 86–92 LightYellow (wheel slot 12) 93–99 HMG6 (wheel slot 13) 100–106 QuadColor (wheel slot 14) 107–113 CTB (wheel slot 15) 114–120 CTO (wheel slot 16) 121–127 UV (wheel slot 17) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
11	Color Wheel Fine	0	Fine byte of Color Wheel
12	Cyan	0	
13	Magenta	0	
14	Yellow	0	

Standard (continued)

Ch	Function	Default	DMX values
15	Color Macro1	0	0–31 Safe 32–39 Macro 1 40–47 Macro 2 48–55 Macro 3 56–63 Macro 4 64–71 Macro 5 72–79 Macro 6 80–87 Macro 7 88–95 Macro 8 96–103 Macro 9 104–111 Macro 10 112–119 Macro 11 120–127 Macro 12 128–135 Macro 13 136–143 Macro 14 144–151 Macro 15 152–159 Macro 16 160–167 Macro 17 168–175 Macro 18 176–183 Macro 19 184–191 Macro 20 192–199 Macro 21 200–207 Macro 22 208–215 Macro 23 216–223 Macro 24 224–231 Macro 25 232–239 Macro 26 240–247 Macro 27 248–255 Random CMY
16	Color Mix MSpeed	0	
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 <<<

Standard (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 2	0	0–9 Open (wheel slot 1) 10–13 FG1 (wheel slot 2) 14–17 FG2 (wheel slot 3) 18–21 FG3 (wheel slot 4) 22–25 FG4 (wheel slot 5) 26–29 FG5 (wheel slot 6) 30–33 FG6 (wheel slot 7) 34–37 FG7 (wheel slot 8) 38–41 FG8 (wheel slot 9) 42–45 FG9 (wheel slot 10) 46–49 FG10 (wheel slot 11) 50–53 FG11 (wheel slot 12) 54–57 FG12 (wheel slot 13) 58–61 FG13 (wheel slot 14) 62–65 FG14 (wheel slot 15) 66–69 FG15 (wheel slot 16) 70–73 FG16 (wheel slot 17) 74–77 FG17 (wheel slot 18) 78–81 FG18 (wheel slot 19) 82–87 FG1 Shake (wheel slot 2) 88–93 FG2 Shake (wheel slot 3) 94–99 FG3 Shake (wheel slot 4) 100–105 FG4 Shake (wheel slot 5) 106–111 FG5 Shake (wheel slot 6) 112–117 FG6 Shake (wheel slot 7) 118–123 FG7 Shake (wheel slot 8) 124–129 FG8 Shake (wheel slot 9) 130–135 FG9 Shake (wheel slot 10) 136–141 FG10 Shake (wheel slot 11) 142–147 FG11 Shake (wheel slot 12) 148–153 FG12 Shake (wheel slot 13) 154–159 FG13 Shake (wheel slot 14) 160–165 FG14 Shake (wheel slot 15) 166–171 FG15 Shake (wheel slot 16) 172–177 FG16 Shake (wheel slot 17) 178–183 FG17 Shake (wheel slot 18) 184–189 FG18 Shake (wheel slot 19) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<

Standard (continued)

Ch	Function	Default	DMX values
20	Prism	0	0–63 Open (wheel slot 1) 64–95 8 Prism (wheel slot 2) 96–127 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
21	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 <<<
22	Prism	0	0–63 Open (wheel slot 1) 64–95 16 Prism (wheel slot 2) 96–127 4 Linear Prism (wheel slot 3) 128–255 Reserved
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	Frost1	0	0–127 Open (wheel slot 1) 128–255 100% Frost1 (wheel slot 2)
25	Frost2	0	0–127 Open (wheel slot 1) 128–255 100% Frost2 (wheel slot 2)

Standard (continued)

Ch	Function	Default	DMX values
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 7 240–241 Home Position Before Power Off 242–255 Home Position Off

Extended

33 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
9	Focus	128	

Extended (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–15 Open (wheel slot 1) 16–22 Red (wheel slot 2) 23–29 Blue (wheel slot 3) 30–36 Green (wheel slot 4) 37–43 Yellow (wheel slot 5) 44–50 Manenta (wheel slot 6) 51–57 Orange (wheel slot 7) 58–64 Pink (wheel slot 8) 65–71 KellyGreen (wheel slot 9) 72–78 Cyan (wheel slot 10) 79–85 Amber (wheel slot 11) 86–92 LightYellow (wheel slot 12) 93–99 HMG6 (wheel slot 13) 100–106 QuadColor (wheel slot 14) 107–113 CTB (wheel slot 15) 114–120 CTO (wheel slot 16) 121–127 UV (wheel slot 17) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
11	Color Wheel Fine	0	Fine byte of Color Wheel
12	Cyan	0	
13	Cyan Fine	0	Fine byte of Cyan
14	Magenta	0	
15	Magenta Fine	0	Fine byte of Magenta
16	Yellow	0	
17	Yellow Fine	0	Fine byte of Yellow
18	Color Macro1	0	0–31 Safe 32–39 Macro 1 40–47 Macro 2 48–55 Macro 3 56–63 Macro 4 64–71 Macro 5 72–79 Macro 6 80–87 Macro 7 88–95 Macro 8 96–103 Macro 9 104–111 Macro 10 112–119 Macro 11 120–127 Macro 12 128–135 Macro 13 136–143 Macro 14 144–151 Macro 15 152–159 Macro 16 160–167 Macro 17 168–175 Macro 18 176–183 Macro 19 184–191 Macro 20 192–199 Macro 21 200–207 Macro 22 208–215 Macro 23 216–223 Macro 24 224–231 Macro 25 232–239 Macro 26 240–247 Macro 27 248–255 Random CMY

Extended (continued)

Ch	Function	Default	DMX values
19	Color Mix MSpeed	0	
20	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 <<<
21	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 <<<
22	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extended (continued)

Ch	Function	Default	DMX values
23	Gobo 2	0	0–9 Open (wheel slot 1) 10–13 FG1 (wheel slot 2) 14–17 FG2 (wheel slot 3) 18–21 FG3 (wheel slot 4) 22–25 FG4 (wheel slot 5) 26–29 FG5 (wheel slot 6) 30–33 FG6 (wheel slot 7) 34–37 FG7 (wheel slot 8) 38–41 FG8 (wheel slot 9) 42–45 FG9 (wheel slot 10) 46–49 FG10 (wheel slot 11) 50–53 FG11 (wheel slot 12) 54–57 FG12 (wheel slot 13) 58–61 FG13 (wheel slot 14) 62–65 FG14 (wheel slot 15) 66–69 FG15 (wheel slot 16) 70–73 FG16 (wheel slot 17) 74–77 FG17 (wheel slot 18) 78–81 FG18 (wheel slot 19) 82–87 FG1 Shake (wheel slot 2) 88–93 FG2 Shake (wheel slot 3) 94–99 FG3 Shake (wheel slot 4) 100–105 FG4 Shake (wheel slot 5) 106–111 FG5 Shake (wheel slot 6) 112–117 FG6 Shake (wheel slot 7) 118–123 FG7 Shake (wheel slot 8) 124–129 FG8 Shake (wheel slot 9) 130–135 FG9 Shake (wheel slot 10) 136–141 FG10 Shake (wheel slot 11) 142–147 FG11 Shake (wheel slot 12) 148–153 FG12 Shake (wheel slot 13) 154–159 FG13 Shake (wheel slot 14) 160–165 FG14 Shake (wheel slot 15) 166–171 FG15 Shake (wheel slot 16) 172–177 FG16 Shake (wheel slot 17) 178–183 FG17 Shake (wheel slot 18) 184–189 FG18 Shake (wheel slot 19) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
24	Gobo 2 Fine	0	Fine byte of Gobo 2

Extended (continued)

Ch	Function	Default	DMX values
25	Prism	0	0–63 Open (wheel slot 1) 64–95 8 Prism (wheel slot 2) 96–127 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
26	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 <<<
27	Prism Rotation Fine	0	Fine byte of Prism Rotation
28	Prism	0	0–63 Open (wheel slot 1) 64–95 16 Prism (wheel slot 2) 96–127 4 Linear Prism (wheel slot 3) 128–255 Reserved
29	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 <<<
30	Prism Rotation Fine	0	Fine byte of Prism Rotation
31	Frost1	0	0–127 Open (wheel slot 1) 128–255 100% Frost1 (wheel slot 2)
32	Frost2	0	0–127 Open (wheel slot 1) 128–255 100% Frost2 (wheel slot 2)

Extended (continued)

Ch	Function	Default	DMX values
33	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 7 240–241 Home Position Before Power Off 242–255 Home Position Off