Terbly

SLZ IP



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**28, 41 channels**
Beam angle	**0.8-23°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**284 × 511 × 246 mm**
GDTF fixture type	**96C100E8-8BEB-4E2D-ACC6-17…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Standard	28 ch
Extended	41 ch

Standard

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 225–225 min 226–235 BO by Movement 236–255 BO by all Wheel
6	Shutter / Strobe	63	0–62 Closed 63–63 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 · max Rnd 10 Hz 224–255 Open 4
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architecural 81–100 Theatre 101–255 Default to Unit Setting
9	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
10	Focus	127	
11	Focus1Distance	0	0–100 Safe 101–150 7m 151–200 10m 201–255 15m

Standard (continued)

Ch	Function	Default	DMX values
12	Color Wheel	0	0–5 Open (wheel slot 1) 6–9 Red (wheel slot 2) 10–13 Green (wheel slot 3) 14–17 Yellow (wheel slot 4) 18–21 Magenta (wheel slot 5) 22–25 Orange (wheel slot 6) 26–29 Cyan II (wheel slot 7) 30–33 Pink (wheel slot 8) 34–37 Cyan (wheel slot 9) 38–41 Green III (wheel slot 10) 42–45 Yellow Green (wheel slot 11) 46–49 Green II (wheel slot 12) 50–53 Red Orange (wheel slot 13) 54–57 Wine Pink (wheel slot 14) 58–61 Deep Yellow (wheel slot 15) 62–65 Blue II (wheel slot 16) 66–69 Red Amber (wheel slot 17) 70–73 Blue (wheel slot 18) 74–77 Amber (wheel slot 19) 78–81 Light Yellow (wheel slot 20) 82–85 Kelly Green (wheel slot 21) 86–89 Light Blue (wheel slot 22) 90–93 HCRI (wheel slot 23) 94–97 CTB (wheel slot 24) 98–101 CTO (wheel slot 25) 102–127 QUAD Color (wheel slot 26) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
13	Cyan	0	
14	Magenta	0	
15	Yellow	0	
16	C TO	0	

Standard (continued)

Ch	Function	Default	DMX values
17	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
18	Color Mix MSpeed	0	
19	Gobo	0	0–9 Open (wheel slot 1) 10–16 RG1 (wheel slot 2) 17–23 RG2 (wheel slot 3) 24–30 RG3 (wheel slot 4) 31–37 RG4 (wheel slot 5) 38–44 RG5 (wheel slot 6) 45–51 RG6 (wheel slot 7) 52–58 RG7 (wheel slot 8) 59–65 RG8 (wheel slot 9) 66–72 RG9 (wheel slot 10) 73–79 RG10 (wheel slot 11) 80–86 RG11 (wheel slot 12) 87–93 RG12 (wheel slot 13) 94–101 RG1 Shake (wheel slot 2) 102–109 RG2 Shake (wheel slot 3) 110–117 RG3 Shake (wheel slot 4) 118–125 RG4 Shake (wheel slot 5) 126–133 RG5 Shake (wheel slot 6) 134–141 RG6 Shake (wheel slot 7) 142–149 RG7 Shake (wheel slot 8) 150–157 RG8 Shake (wheel slot 9) 158–165 RG9 Shake (wheel slot 10) 166–173 RG10 Shake (wheel slot 11) 174–181 RG11 Shake (wheel slot 12) 182–189 RG12 Shake (wheel slot 13) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<

Standard (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	Gobo1Wheel Mode	0	0–127 Fix Gobo mode 128–255 Animation mode

Standard (continued)

Ch	Function	Default	DMX values
22	Gobo 2	0	0–21 Open (wheel slot 1) 22–25 FG1 (wheel slot 2) 26–29 FG2 (wheel slot 3) 30–33 FG3 (wheel slot 4) 34–37 FG4 (wheel slot 5) 38–41 FG5 (wheel slot 6) 42–45 FG6 (wheel slot 7) 46–49 FG7 (wheel slot 8) 50–53 FG8 (wheel slot 9) 54–57 FG9 (wheel slot 10) 58–61 FG10 (wheel slot 11) 62–65 FG11 (wheel slot 12) 66–69 FG12 (wheel slot 13) 70–73 FG13 (wheel slot 14) 74–77 FG14 (wheel slot 15) 78–81 FG15 (wheel slot 16) 82–85 FG16 (wheel slot 17) 86–89 FG17 (wheel slot 18) 90–93 FG18 (wheel slot 19) 94–97 FG19 (wheel slot 20) 98–101 FG20 (wheel slot 21) 102–105 FG21 (wheel slot 22) 106–109 FG22 (wheel slot 23) 110–113 FG23 (wheel slot 24) 114–117 FG24 (wheel slot 25) 118–120 FG1 Shake (wheel slot 2) 121–123 FG2 Shake (wheel slot 3) 124–126 FG3 Shake (wheel slot 4) 127–129 FG4 Shake (wheel slot 5) 130–132 FG5 Shake (wheel slot 6) 133–135 FG6 Shake (wheel slot 7) 136–138 FG7 Shake (wheel slot 8) 139–141 FG8 Shake (wheel slot 9) 142–144 FG9 Shake (wheel slot 10) 145–147 FG10 Shake (wheel slot 11) 148–150 FG11 Shake (wheel slot 12) 151–153 FG12 Shake (wheel slot 13) 154–156 FG13 Shake (wheel slot 14) 157–159 FG14 Shake (wheel slot 15) 160–162 FG15 Shake (wheel slot 16) 163–165 FG16 Shake (wheel slot 17) 166–168 FG17 Shake (wheel slot 18) 169–171 FG18 Shake (wheel slot 19) 172–174 FG19 Shake (wheel slot 20) 175–177 FG20 Shake (wheel slot 21) 178–180 FG21 Shake (wheel slot 22) 181–183 FG22 Shake (wheel slot 23) 184–186 FG23 Shake (wheel slot 24) 187–188 FG24 Shake (wheel slot 25) 189–189 Max Index 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<

Standard (continued)

Ch	Function	Default	DMX values
23	Prism	0	0–9 Open (wheel slot 1) 10–27 Prism 1 (wheel slot 2) 28–45 Prism 2 (wheel slot 3) 46–63 Prism 3 (wheel slot 4) 64–81 Prism 4 (wheel slot 5) 82–99 Frost1 100–117 Prism 1 Shake 118–135 Prism 2 Shake 136–153 Prism 3 Shake 154–189 Prism 4 Shake 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
24	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 <<<
25	Prism	0	0–9 Open (wheel slot 1) 10–27 Prism 1 (wheel slot 5) 28–45 Prism 2 (wheel slot 6) 46–63 Prism 3 (wheel slot 7) 64–81 Prism 4 (wheel slot 8) 82–99 Frost2 100–117 Prism 1 Shake 118–135 Prism 2 Shake 136–153 Prism 3 Shake 154–189 Prism 4 Shake 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
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	Zoom Mode	0	0–254 Beam mode 255–255 Spot mode

Standard (continued)

Ch	Function	Default	DMX values
28	Control1	0	0–19 Normal 20–29 Col any pos 30–75 Col/Gobo any pos 80–84 Reset All 85–87 Reset P/T 88–90 Reset Colors 91–93 Reset Gobos 94–96 Reset Zoom 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 6 220–243 Internal pro 7 244–246 Home Position Before Power Off 247–249 Home Position Off 250–251 Display Off 252–255 Display On

Extended

41 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	0–62 Closed 63–63 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 · max Rnd 10 Hz 224–255 Open 4
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architecural 81–100 Theatre 101–255 Default to Unit Setting
10	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
11	Zoom Fine	127	Fine byte of Zoom
12	Focus	127	

Extended (continued)

Ch	Function	Default	DMX values
13	Focus Fine	127	Fine byte of Focus
14	Focus1Distance	0	0–100 Safe 101–150 7m 151–200 10m 201–255 15m
15	Focus1Adjust	0	
16	Color Wheel	0	0–5 Open (wheel slot 1) 6–9 Red (wheel slot 2) 10–13 Green (wheel slot 3) 14–17 Yellow (wheel slot 4) 18–21 Magenta (wheel slot 5) 22–25 Orange (wheel slot 6) 26–29 Cyan II (wheel slot 7) 30–33 Pink (wheel slot 8) 34–37 Cyan (wheel slot 9) 38–41 Green III (wheel slot 10) 42–45 Yellow Green (wheel slot 11) 46–49 Green II (wheel slot 12) 50–53 Red Orange (wheel slot 13) 54–57 Wine Pink (wheel slot 14) 58–61 Deep Yellow (wheel slot 15) 62–65 Blue II (wheel slot 16) 66–69 Red Amber (wheel slot 17) 70–73 Blue (wheel slot 18) 74–77 Amber (wheel slot 19) 78–81 Light Yellow (wheel slot 20) 82–85 Kelly Green (wheel slot 21) 86–89 Light Blue (wheel slot 22) 90–93 HCRI (wheel slot 23) 94–97 CTB (wheel slot 24) 98–101 CTO (wheel slot 25) 102–127 QUAD Color (wheel slot 26) 128–128 >>> 129–188 >> 189–189 > 190–193 Stop 194–194 < 195–254 << 255–255 <<<
17	Color Wheel Fine	0	Fine byte of Color Wheel
18	Cyan	0	
19	Cyan Fine	0	Fine byte of Cyan
20	Magenta	0	
21	Magenta Fine	0	Fine byte of Magenta
22	Yellow	0	
23	Yellow Fine	0	Fine byte of Yellow
24	C TO	0	
25	C TO Fine	0	Fine byte of C TO

Extended (continued)

Ch	Function	Default	DMX values
26	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
27	Color Mix MSpeed	0	
28	Gobo	0	0–9 Open (wheel slot 1) 10–16 RG1 (wheel slot 2) 17–23 RG2 (wheel slot 3) 24–30 RG3 (wheel slot 4) 31–37 RG4 (wheel slot 5) 38–44 RG5 (wheel slot 6) 45–51 RG6 (wheel slot 7) 52–58 RG7 (wheel slot 8) 59–65 RG8 (wheel slot 9) 66–72 RG9 (wheel slot 10) 73–79 RG10 (wheel slot 11) 80–86 RG11 (wheel slot 12) 87–93 RG12 (wheel slot 13) 94–101 RG1 Shake (wheel slot 2) 102–109 RG2 Shake (wheel slot 3) 110–117 RG3 Shake (wheel slot 4) 118–125 RG4 Shake (wheel slot 5) 126–133 RG5 Shake (wheel slot 6) 134–141 RG6 Shake (wheel slot 7) 142–149 RG7 Shake (wheel slot 8) 150–157 RG8 Shake (wheel slot 9) 158–165 RG9 Shake (wheel slot 10) 166–173 RG10 Shake (wheel slot 11) 174–181 RG11 Shake (wheel slot 12) 182–189 RG12 Shake (wheel slot 13) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<

Extended (continued)

Ch	Function	Default	DMX values
29	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 <<<
30	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
31	Gobo1Wheel Mode	0	0–127 Fix Gobo mode 128–255 Animation mode

Extended (continued)

Ch	Function	Default	DMX values
32	Gobo 2	0	0–21 Open (wheel slot 1) 22–25 FG1 (wheel slot 2) 26–29 FG2 (wheel slot 3) 30–33 FG3 (wheel slot 4) 34–37 FG4 (wheel slot 5) 38–41 FG5 (wheel slot 6) 42–45 FG6 (wheel slot 7) 46–49 FG7 (wheel slot 8) 50–53 FG8 (wheel slot 9) 54–57 FG9 (wheel slot 10) 58–61 FG10 (wheel slot 11) 62–65 FG11 (wheel slot 12) 66–69 FG12 (wheel slot 13) 70–73 FG13 (wheel slot 14) 74–77 FG14 (wheel slot 15) 78–81 FG15 (wheel slot 16) 82–85 FG16 (wheel slot 17) 86–89 FG17 (wheel slot 18) 90–93 FG18 (wheel slot 19) 94–97 FG19 (wheel slot 20) 98–101 FG20 (wheel slot 21) 102–105 FG21 (wheel slot 22) 106–109 FG22 (wheel slot 23) 110–113 FG23 (wheel slot 24) 114–117 FG24 (wheel slot 25) 118–120 FG1 Shake (wheel slot 2) 121–123 FG2 Shake (wheel slot 3) 124–126 FG3 Shake (wheel slot 4) 127–129 FG4 Shake (wheel slot 5) 130–132 FG5 Shake (wheel slot 6) 133–135 FG6 Shake (wheel slot 7) 136–138 FG7 Shake (wheel slot 8) 139–141 FG8 Shake (wheel slot 9) 142–144 FG9 Shake (wheel slot 10) 145–147 FG10 Shake (wheel slot 11) 148–150 FG11 Shake (wheel slot 12) 151–153 FG12 Shake (wheel slot 13) 154–156 FG13 Shake (wheel slot 14) 157–159 FG14 Shake (wheel slot 15) 160–162 FG15 Shake (wheel slot 16) 163–165 FG16 Shake (wheel slot 17) 166–168 FG17 Shake (wheel slot 18) 169–171 FG18 Shake (wheel slot 19) 172–174 FG19 Shake (wheel slot 20) 175–177 FG20 Shake (wheel slot 21) 178–180 FG21 Shake (wheel slot 22) 181–183 FG22 Shake (wheel slot 23) 184–186 FG23 Shake (wheel slot 24) 187–188 FG24 Shake (wheel slot 25) 189–189 Max Index 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 < 255–255 <<<
33	Gobo 2 Fine	0	Fine byte of Gobo 2

Extended (continued)

Ch	Function	Default	DMX values
34	Prism	0	0–9 Open (wheel slot 1) 10–27 Prism 1 (wheel slot 2) 28–45 Prism 2 (wheel slot 3) 46–63 Prism 3 (wheel slot 4) 64–81 Prism 4 (wheel slot 5) 82–99 Frost1 100–117 Prism 1 Shake 118–135 Prism 2 Shake 136–153 Prism 3 Shake 154–189 Prism 4 Shake 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 < 255–255 <<<
35	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 <<<
36	Prism Rotation Fine	0	Fine byte of Prism Rotation
37	Prism	0	0–9 Open (wheel slot 1) 10–27 Prism 1 (wheel slot 5) 28–45 Prism 2 (wheel slot 6) 46–63 Prism 3 (wheel slot 7) 64–81 Prism 4 (wheel slot 8) 82–99 Frost2 100–117 Prism 1 Shake 118–135 Prism 2 Shake 136–153 Prism 3 Shake 154–189 Prism 4 Shake 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 < 255–255 <<<
38	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 <<<
39	Prism Rotation Fine	0	Fine byte of Prism Rotation
40	Zoom Mode	0	0–254 Beam mode 255–255 Spot mode

Extended (continued)

Ch	Function	Default	DMX values
41	Control1	0	0–19 Normal 20–29 Col any pos 30–75 Col/Gobo any pos 80–84 Reset All 85–87 Reset P/T 88–90 Reset Colors 91–93 Reset Gobos 94–96 Reset Zoom 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 6 220–243 Internal pro 7 244–246 Home Position Before Power Off 247–249 Home Position Off 250–251 Display Off 252–255 Display On