Terbly

GLW190Z



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**4, 17, 21, 35 channels**
Beam angle	**8-72°**
Pan range	**540°**
Tilt range	**260°**
Heads / cells	**4**
Size (W × H × D)	**268 × 196 × 266 mm**
GDTF fixture type	**5FAE6FAA-6934-4031-B3D2-3F…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Service functions · Built-in effect programmes

DMX modes

Pixel	4 ch
Basic	17 ch
Extended	21 ch
Standard	35 ch

Pixel

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	

Basic

17 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	0–224 max 225–225 min 226–235 BO by Movement 236–255 no function
4	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 1–24.2 Hz 223–223 Random · maxRnd 25 Hz 224–255 Open 4
5	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default
7	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	0	

Basic (continued)

Ch	Function	Default	DMX values
12	Color Wheel	0	0–4 No function (wheel slot 1) 5–9 2700K (wheel slot 2) 10–14 3200K (wheel slot 3) 15–19 4300K (wheel slot 4) 20–24 5600K (wheel slot 5) 25–29 6500K (wheel slot 6) 30–34 8000K (wheel slot 7) 35–39 Red (wheel slot 8) 40–44 Green (wheel slot 9) 45–49 Blue (wheel slot 10) 50–54 Natural White (wheel slot 11) 55–59 Full White (wheel slot 12) 60–64 Yellow (wheel slot 13) 65–69 Magenta (wheel slot 14) 70–74 Cyan (wheel slot 15) 75–79 Salmon (wheel slot 16) 80–84 Turquoise (wheel slot 17) 85–89 Light Green (wheel slot 18) 90–94 Steel Blue (wheel slot 19) 95–99 Orange (wheel slot 20) 100–104 Straw (wheel slot 21) 105–109 Pale Lavander (wheel slot 22) 110–114 Pink (wheel slot 29) 115–119 Red/White (wheel slot 24) 120–124 Green/Red (wheel slot 25) 125–129 Blue/Red (wheel slot 26) 130–134 White/Red (wheel slot 27) 135–139 White/Pink (wheel slot 28) 140–144 White/Turquoise (wheel slot 29) 145–255 Small Red/White (wheel slot 30)
13	Effect	0	0–15 Safe 16–25 Chase 1 26–35 Chase 2 36–45 Chase 3 46–55 Chase 4 56–65 Chase 5 66–75 Chase 6 76–85 Chase 7 86–95 Chase 8 96–105 Chase 9 106–115 Chase 10 116–125 CHase 11 126–135 Chase 12 136–145 CHase 13 146–155 Chase 14 156–165 Chase 15 166–175 Chase 16 176–185 Chase 17 186–195 Chase 18 196–205 Chase 19 206–215 Chase 20 216–225 Chase 21 226–235 Chase 22 236–245 Chase 23 246–255 Chase 24
14	Effect Speed	0	0–0 >>> 1–124 >> 125–125 > 126–130 Stop 131–131 < 132–254 < 255–255 <<<

Basic (continued)

Ch	Function	Default	DMX values
15	Effects1Fade	0	
16	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance
17	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 91–93 Srore white balance enabled 94–96 NoFeature 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 Music Control

Extended

21 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 no function
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 1–24.2 Hz 223–223 Random · maxRnd 25 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 Architectural 81–100 Theatre 101–255 Default
10	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
11	Zoom Fine	128	Fine byte of Zoom

Extended (continued)

Ch	Function	Default	DMX values
12	Color Wheel	0	0–4 No function (wheel slot 1) 5–9 2700K (wheel slot 2) 10–14 3200K (wheel slot 3) 15–19 4300K (wheel slot 4) 20–24 5600K (wheel slot 5) 25–29 6500K (wheel slot 6) 30–34 8000K (wheel slot 7) 35–39 Red (wheel slot 8) 40–44 Green (wheel slot 9) 45–49 Blue (wheel slot 10) 50–54 Natural White (wheel slot 11) 55–59 Full White (wheel slot 12) 60–64 Yellow (wheel slot 13) 65–69 Magenta (wheel slot 14) 70–74 Cyan (wheel slot 15) 75–79 Salmon (wheel slot 16) 80–84 Turquoise (wheel slot 17) 85–89 Light Green (wheel slot 18) 90–94 Steel Blue (wheel slot 19) 95–99 Orange (wheel slot 20) 100–104 Straw (wheel slot 21) 105–109 Pale Lavander (wheel slot 22) 110–114 Pink (wheel slot 29) 115–119 Red/White (wheel slot 24) 120–124 Green/Red (wheel slot 25) 125–129 Blue/Red (wheel slot 26) 130–134 White/Red (wheel slot 27) 135–139 White/Pink (wheel slot 28) 140–144 White/Turquoise (wheel slot 29) 145–255 Small Red/White (wheel slot 30)
13	Effect	0	0–15 Safe 16–25 Chase 1 26–35 Chase 2 36–45 Chase 3 46–55 Chase 4 56–65 Chase 5 66–75 Chase 6 76–85 Chase 7 86–95 Chase 8 96–105 Chase 9 106–115 Chase 10 116–125 CHase 11 126–135 Chase 12 136–145 CHase 13 146–155 Chase 14 156–165 Chase 15 166–175 Chase 16 176–185 Chase 17 186–195 Chase 18 196–205 Chase 19 206–215 Chase 20 216–225 Chase 21 226–235 Chase 22 236–245 Chase 23 246–255 Chase 24
14	Effect Speed	0	0–0 >>> 1–124 >> 125–125 > 126–130 Stop 131–131 < 132–254 < 255–255 <<<

Extended (continued)

Ch	Function	Default	DMX values
15	Effects1Fade	0	
16	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance
17	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 91–93 Srore white balance enabled 94–96 NoFeature 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 Music Control
18	Red	255	
19	Green	255	
20	Blue	255	
21	White	0	

Standard

35 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 no function
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 1–24.2 Hz 223–223 Random · maxRnd 25 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 Architectural 81–100 Theatre 101–255 Default

Standard (continued)

Ch	Function	Default	DMX values
9	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Color Wheel	0	0–4 No function (wheel slot 1) 5–9 2700K (wheel slot 2) 10–14 3200K (wheel slot 3) 15–19 4300K (wheel slot 4) 20–24 5600K (wheel slot 5) 25–29 6500K (wheel slot 6) 30–34 8000K (wheel slot 7) 35–39 Red (wheel slot 8) 40–44 Green (wheel slot 9) 45–49 Blue (wheel slot 10) 50–54 Natural White (wheel slot 11) 55–59 Full White (wheel slot 12) 60–64 Yellow (wheel slot 13) 65–69 Magenta (wheel slot 14) 70–74 Cyan (wheel slot 15) 75–79 Salmon (wheel slot 16) 80–84 Turquoise (wheel slot 17) 85–89 Light Green (wheel slot 18) 90–94 Steel Blue (wheel slot 19) 95–99 Orange (wheel slot 20) 100–104 Straw (wheel slot 21) 105–109 Pale Lavander (wheel slot 22) 110–114 Pink (wheel slot 29) 115–119 Red/White (wheel slot 24) 120–124 Green/Red (wheel slot 25) 125–129 Blue/Red (wheel slot 26) 130–134 White/Red (wheel slot 27) 135–139 White/Pink (wheel slot 28) 140–144 White/Turquoise (wheel slot 29) 145–255 Small Red/White (wheel slot 30)

Standard (continued)

Ch	Function	Default	DMX values
19	Effect	0	0–15 Safe 16–25 Chase 1 26–35 Chase 2 36–45 Chase 3 46–55 Chase 4 56–65 Chase 5 66–75 Chase 6 76–85 Chase 7 86–95 Chase 8 96–105 Chase 9 106–115 Chase 10 116–125 CHase 11 126–135 Chase 12 136–145 CHase 13 146–155 Chase 14 156–165 Chase 15 166–175 Chase 16 176–185 Chase 17 186–195 Chase 18 196–205 Chase 19 206–215 Chase 20 216–225 Chase 21 226–235 Chase 22 236–245 Chase 23 246–255 Chase 24
20	Effect Speed	0	0–0 >>> 1–124 >> 125–125 > 126–130 Stop 131–131 < 132–254 << 255–255 <<<
21	Effects1Fade	0	
22	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance
23	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 91–93 Srore white balance enabled 94–96 NoFeature 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 Music Control
24	Red	255	
25	Green	255	
26	Blue	255	
27	White	0	
28	Red	255	
29	Green	255	
30	Blue	255	

Standard (continued)

Ch	Function	Default	DMX values
31	White	0	
32	Red	255	
33	Green	255	
34	Blue	255	
35	White	0	