Terbly

GFS1200 IP



Manufacturer	**Terbly**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**25, 33 channels**
Beam angle	**3.5-35°**
Pan range	**540°**
Tilt range	**263°**
Size (W × H × D)	**462 × 645 × 293 mm**
GDTF fixture type	**04AF983F-C3D8-4957-A86A-20…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions · Strobe

DMX modes

Standard	25 ch
Extended	33 ch

Standard

25 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Shutter / Strobe	0	0–31 Open 32–63 Close 64–94 Strobe Slow 95–95 Strobe Fast 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Slow 223–223 Random Strobe Fast 224–255 Open
6	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
7	Dimmer Fine	0	Fine byte of Dimmer
8	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 0_1s 123–123 0_2s 124–124 0_3s 125–125 0_4s 126–126 0_5s 127–127 0_6s 128–128 0_7s 129–129 0_8s 130–130 0_9s 131–131 1s 132–132 1_5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
9	Zoom	127	0–127 Narrow 128–254 Normal 255–255 Wide
10	Zoom Fine	255	Fine byte of Zoom
11	Focus	127	
12	Focus Fine	255	Fine byte of Focus

Standard (continued)

Ch	Function	Default	DMX values
13	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
14	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
15	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
16	C TO	0	0–254 Open 255–255 Max
17	C RIMode	0	0–62 CRI 0 % 63–126 CRI 25 % 127–190 CRI 50 % 191–254 CRI 75 % 255–255 CRI 100 %
18	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) 70–77 RG7 (wheel slot 8) 78–93 RG1 Shake (wheel slot 2) 94–109 RG2 Shake (wheel slot 3) 110–125 RG3 Shake (wheel slot 4) 126–141 RG4 Shake (wheel slot 5) 142–157 RG5 Shake (wheel slot 6) 158–173 RG6 Shake (wheel slot 7) 174–189 RG7 Shake (wheel slot 8) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
19	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 <<<
20	Iris	0	
21	Frost1	0	0–126 Open 127–254 Light Frost 255–255 Wash Frost
22	Follow Spot Mode	0	
23	Position Effect Fade	0	

Standard (continued)

Ch	Function	Default	DMX values
24	Position Effect Rate	0	
25	Control1	0	0–9 Idle 10–14 Automatic 15–19 Intensity Limit 90% 20–24 Intensity Limit 70% 25–30 Intensity Limit 60% 31–39 Idle 40–44 Fan Mute 45–49 Fan Studio 50–59 Fan Low 60–69 Fan High 70–79 Fan Auto(default) 80–84 Fixture Reset 85–87 Pan Tilt 88–90 Color 91–93 Idle 94–96 Focus Zoom 97–168 Other Features 169–170 CMY Smooth 171–172 CMY Fast 173–174 Hibernation Off 175–176 Hibernation On 177–178 Sun Protection On 179–180 Sun Protection Off 181–182 Pan Tilt Smooth 183–184 Pan Tilt Fast 185–186 Pan Tilt Break Smooth 187–188 Pan Tilt Break Fast 189–200 Idle 201–210 Linear 211–220 Square 221–230 Inverse Square 231–240 S Curve 241–249 Idle 250–251 Display Off 252–253 Display On 254–255 Idle

Extended

33 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	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

Extended (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	0	0–31 Open 32–63 Close 64–94 Strobe Slow 95–95 Strobe Fast 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Slow 223–223 Random Strobe Fast 224–255 Open
7	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Dimmer Fine	0	Fine byte of Dimmer
9	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 0_1s 123–123 0_2s 124–124 0_3s 125–125 0_4s 126–126 0_5s 127–127 0_6s 128–128 0_7s 129–129 0_8s 130–130 0_9s 131–131 1s 132–132 1_5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
10	Zoom	127	0–127 Narrow 128–254 Normal 255–255 Wide
11	Zoom Fine	255	Fine byte of Zoom
12	Focus	127	
13	Focus Fine	255	Fine byte of Focus
14	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
15	Cyan Fine	0	Fine byte of Cyan

Extended (continued)

Ch	Function	Default	DMX values
16	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
17	Magenta Fine	0	Fine byte of Magenta
18	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
19	Yellow Fine	0	Fine byte of Yellow
20	C TO	0	0–254 Open 255–255 Max
21	C TO Fine	0	Fine byte of C TO
22	C RIMode	0	0–62 CRI 0 % 63–126 CRI 25 % 127–190 CRI 50 % 191–254 CRI 75 % 255–255 CRI 100 %
23	C RIMode Fine	0	Fine byte of C RIMode
24	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) 70–77 RG7 (wheel slot 8) 78–93 RG1 Shake (wheel slot 2) 94–109 RG2 Shake (wheel slot 3) 110–125 RG3 Shake (wheel slot 4) 126–141 RG4 Shake (wheel slot 5) 142–157 RG5 Shake (wheel slot 6) 158–173 RG6 Shake (wheel slot 7) 174–189 RG7 Shake (wheel slot 8) 190–190 >>> 191–220 >> 221–221 > 222–223 Stop 224–224 < 225–254 << 255–255 <<<
25	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 <<<
26	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
27	Iris	0	
28	Iris Fine	0	Fine byte of Iris
29	Frost1	0	0–126 Open 127–254 Light Frost 255–255 Wash Frost

Extended (continued)

Ch	Function	Default	DMX values
30	Follow Spot Mode	0	
31	Position Effect Fade	0	
32	Position Effect Rate	0	
33	Control1	0	0–9 Idle 10–14 Automatic 15–19 Intensity Limit 90% 20–24 Intensity Limit 70% 25–30 Intensity Limit 60% 31–39 Idle 40–44 Fan Mute 45–49 Fan Studio 50–59 Fan Low 60–69 Fan High 70–79 Fan Auto(default) 80–84 Fixture Reset 85–87 Pan Tilt 88–90 Color 91–93 Idle 94–96 Focus Zoom 97–168 Other Features 169–170 CMY Smooth 171–172 CMY Fast 173–174 Hibernation Off 175–176 Hibernation On 177–178 Sun Protection On 179–180 Sun Protection Off 181–182 Pan Tilt Smooth 183–184 Pan Tilt Fast 185–186 Pan Tilt Break Smooth 187–188 Pan Tilt Break Fast 189–200 Idle 201–210 Linear 211–220 Square 221–230 Inverse Square 231–240 S Curve 241–249 Idle 250–251 Display Off 252–253 Display On 254–255 Idle