SGM Light

Giotto Spot 400



Manufacturer	**SGM Light**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**22 channels**
Beam angle	**9-24°**
Pan range	**540°**
Tilt range	**264°**
Size (W × H × D)	**230 × 417 × 217 mm**
GDTF fixture type	**66E30D74-62FB-4A65-ABFB-8B…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset · Built-in effect programmes

DMX modes

Default	22 ch

Default

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	Iris	255	
6	Color Wheel	0	0–15 Open (wheel slot 1) 16–24 Speed 2 25–27 White/Red (wheel slot 2) 28–31 Red (wheel slot 2) 32–47 Speed 3 48–49 Speed 4 50–55 Red/Yelow (wheel slot 3) 56–63 Yellow (wheel slot 3) 64–74 Speed 5 75–79 Yelow/Green (wheel slot 4) 80–83 Speed 6 84–95 Green (wheel slot 4) 96–99 Speed 7 100–111 Green/Cyan (wheel slot 5) 112–124 Cyan (wheel slot 5) 125–127 Cyan/Blue (wheel slot 6) 128–139 Speed 9 140–143 Blue (wheel slot 6) 144–149 Speed 10 150–159 Blue/Magenta (wheel slot 7) 160–167 Speed 11 168–174 Magenta (wheel slot 7) 175–175 Magenta/Azure (wheel slot 8) 176–191 Speed 12 192–195 Speed 13 196–200 Azure (wheel slot 8) 201–207 Azure/Orange (wheel slot 9) 208–223 Speed 14 224–225 Orange (wheel slot 9) 226–239 Orange/White (wheel slot 9) 240–255 Speed 16
7	Gobo	0	0–20 Open (wheel slot 1) 21–41 Gobo 1 (wheel slot 2) 42–62 Gobo 2 (wheel slot 3) 63–83 Gobo 3 (wheel slot 4) 84–104 Gobo 4 (wheel slot 5) 105–125 Gobo 5 (wheel slot 6) 126–146 Gobo 6 (wheel slot 7) 147–167 Gobo 7 (wheel slot 8) 168–189 Gobo 8 (wheel slot 9) 190–196 Speed 1 197–203 Speed 2 204–210 Speed 3 211–217 Speed 4 218–224 Speed 5 225–231 Speed 6 232–238 Speed 7 239–245 Speed 8 246–255 Gobo music change

Default (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	255	0–7 Closed 8–15 Shutter1Strobe · 1 Hz 1–1.57 Hz 16–23 Shutter1Strobe · 1_38 Hz 1.65–2.22 Hz 24–31 Shutter1Strobe · 1_6 Hz 2.3–2.86 Hz 32–39 Shutter1Strobe · 1_9 Hz 2.95–3.51 Hz 40–47 Shutter1Strobe · 2_3 Hz 3.59–4.16 Hz 48–55 Shutter1Strobe · 2_7 Hz 4.24–4.81 Hz 56–63 Shutter1Strobe · 3_4 Hz 4.89–5.46 Hz 64–71 Shutter1Strobe · 4 Hz 5.54–6.11 Hz 72–79 Shutter1Strobe · 5 Hz 6.19–6.76 Hz 80–87 Shutter1Strobe · 6 Hz 6.84–7.41 Hz 88–95 Shutter1Strobe · 7 Hz 7.49–8.05 Hz 96–103 Shutter1Strobe · 8 Hz 8.14–8.7 Hz 104–111 Shutter1Strobe · 9 Hz 8.78–9.35 Hz 112–119 Shutter1Strobe · 10 Hz 9.43–10 Hz 120–136 Bass Strobe 137–153 Music Strobe 154–170 Shutter1StrobeEffect · Autoshade Gobo 1–3.15 Hz 171–187 Shutter1StrobeEffect · Autoshade Color 3.28–5.43 ... 188–204 Shutter1StrobeEffect · Autoshade Color Gobo 5.57... 205–221 Shutter1StrobeEffect · Slow Gobo 7.85–10 Hz 222–255 Open
9	Dimmer	0	0–254 Closed 255–255 Open
10	Gobo1Select Spin	0	0–37 Min 38–74 >> 75–111 > 112–144 Stop 145–181 < 182–218 << 219–254 <<< 255–255 Max
11	Prism	0	0–84 Open (wheel slot 1) 85–170 5 - Facet (wheel slot 2) 171–255 4 - Facet (wheel slot 3)
12	Prism Rotation	130	0–54 >>> 55–110 >> 111–111 > 112–143 Stop 144–198 < 199–254 << 255–255 <<<<
13	Focus	128	
14	Zoom	255	
15	Gobo 2	0	0–27 Open (wheel slot 1) 28–55 Effect 1 (wheel slot 2) 56–83 Effect 2 (wheel slot 3) 84–111 Effect 3 (wheel slot 4) 112–139 Effect 4 (wheel slot 5) 140–167 Effect 5 (wheel slot 6) 168–195 CTO 3200 (wheel slot 7) 196–223 CTO 2500 (wheel slot 8) 224–255 Amber (wheel slot 9)
16	Frost1	0	0–254 Off 255–255 Full
17	Position MSpeed	0	0–3 Console 4–254 Slow 255–255 Fast

Default (continued)

Ch	Function	Default	DMX values
18	Lamp Control	100	0–9 NoFeature 1 10–60 Lamp off 61–129 No function 130–179 Lamp on 180–239 NoFeature 5 240–255 Global reset
19	Gobo1Pos Shake	0	0–47 Shake Off 48–60 Shake 1 61–73 Shake 2 74–86 Shake 3 87–99 Shake 4 100–112 Shake 5 113–125 Shake 6 126–138 Shake 7 139–151 Shake 8 152–164 Shake 9 165–177 Shake 10 178–190 Shake 11 191–203 Shake 12 204–216 Shake 13 217–229 Shake 14 230–242 Shake 15 243–255 Shake 16
20	Color1Mode	0	0–50 Full Color 51–101 Half Color 102–152 Soft Color 153–203 Soft Rainbow 204–255 Music
21	Gobo1Wheel Mode	0	0–127 Posision 128–255 Rotation
22	Effect	0	0–7 Macros Off 8–15 Macros 1 16–23 Macros 2 24–31 Macros 3 32–39 Macros 4 40–47 Macros 5 48–55 Iris Pulse Close 56–63 Iris Pulse Open 64–71 Iris Strobe 72–79 Macros 1 80–87 Macros 2 88–95 Macros 3 96–103 Macros 4 104–111 Shutter Random Strobe 112–119 Macros 1 120–127 Macros 2 128–135 Macros 3 136–255 Macros Off