SGM Light

G-1 Beam



Manufacturer	**SGM Light**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**12 channels**
Beam angle	**2.1°**
Pan range	**540°**
Tilt range	**240°**
Size (W × H × D)	**164 × 203 × 131 mm**
GDTF fixture type	**658BE65B-CFAA-4E2D-B9DC-7…**

Controls

Focus · Colour wheel · Strobe · Dimmer · Pan and tilt · Gobos

Safety-relevant functions

Fixture reset

DMX modes

Default 12CH — 12 ch

Default 12CH

12 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	12	0–7 Closed 8–12 Open 13–16 Open Black Out on Gobo Change slow 17–17 Open Black Out on Gobo Change fast 18–87 Strobe · Fast 5–0.17 Hz 88–88 Strobe · Slow 0.1 Hz 89–107 Pulse Up · Fast 5–0.358 Hz 108–108 Pulse Up · Slow 0.1 Hz 109–127 Pulse Down · Fast 5–0.358 Hz 128–128 Pulse Down · Slow 0.1 Hz 129–197 Strobe Random · Fast 5–0.171 Hz 198–198 Strobe Random · Slow 0.1 Hz 199–207 Double Strobe · Fast 5–0.644 Hz 208–208 Double Strobe · Slow 0.1 Hz 209–217 Triple Strobe · Fast 5–0.644 Hz 218–218 Triple Strobe · Slow 0.1 Hz 219–227 Fast 228–228 Slow 250–255 Open
2	Dimmer	0	
3	Macro	0	0–4 Disabled 5–9 Macro 1 (Pseudo Iris Open) 10–14 Macro 2 (Pseudo Iris Open/Close) 15–19 Macro 3 (Pseudo Iris Close) 20–24 Macro 4 (Pseudo Iris Random) 25–29 Macro 5 (Open <-> Smallest Aperture Switch) 30–34 Macro 6 (Cross) 35–39 Macro 7 (Cross Red Green) 40–44 Macro 8 (Square <-> Cross-hair) 45–49 Macro 9 (Random Gobo) 50–54 Macro 10 (Gobo switch only) 55–59 Macro 11 (Omni wheel <-> wheel) 60–64 Macro 12 (Triangle square <-> square) 65–69 Macro 13 (Dot Circle <-> cross-hair) 70–74 Macro 14 (Random position Effect Area 1) 75–79 Macro 15 (Random position Effect Area 2) 80–84 Macro 16 (Random Color) 85–89 Macro 14 (Random color and gobo) 90–149 Macro 18 - 29 N/A 150–154 Macro 30 (Open <-> To current Gobo) 155–159 Macro 31 (Aperture 1 <-> To current Gobo) 160–164 Macro 32 (Aperture 2 <-> To current Gobo) 165–169 Macro 33 (Aperture 3 <-> To current Gobo) 170–174 Macro 34 (Aperture 4 <-> To current Gobo) 175–179 Macro 35 (Aperture 5 <-> To current Gobo) 180–184 Macro 36 (Open <-> To current Gobo) 185–189 Macro 37 (Gobo 1 <-> To current Gobo) 190–194 Macro 38 (Gobo 2 <-> To current Gobo) 195–199 Macro 39 (Gobo 3 <-> To current Gobo) 200–204 Macro 40 (Gobo 4 <-> To current Gobo) 205–209 Macro 41 (Gobo 5 <-> To current Gobo) 210–214 Macro 42 (Gobo 6 <-> To current Gobo) 215–219 Macro 43 (Gobo 7 <-> To current Gobo) 220–224 Macro 44 (Gobo 8 <-> To current Gobo) 225–229 Macro 45 (Gobo 9 <-> To current Gobo) 230–234 Macro 46 (Gobo 10 <-> To current Gobo) 235–239 Macro 47 (Gobo 11 <-> To current Gobo) 240–244 Macro 48 (Gobo 12 <-> To current Gobo) 245–249 Macro 49 (Gobo 13 <-> To current Gobo) 250–254 Macro 50 (Gobo 14 <-> To current Gobo) 255–255 Disabled

Default 12CH (continued)

Ch	Function	Default	DMX values
4	Pan	128	0–126 -270 127–127 CCW slow 128–254 Center 255–255 270
5	Pan Fine	0	Fine byte of Pan
6	Tilt	128	0–127 -120 128–254 center 255–255 120
7	Tilt Fine	0	Fine byte of Tilt
8	Pan Mode	0	0–7 540 Mode 8–15 360 Mode 16–23 360 Shortest path Mode 24–31 Continuos Rotation Mode 32–39 360 North calibrated 40–143 Reserved 144–151 Store Pan/Tilt Pos 1 152–159 Store Pan/Tilt Pos 2 160–167 Store Pan/Tilt Pos 3 168–175 Store Pan/Tilt Pos 4 176–183 Store Pan/Tilt Pos 5 184–191 Store Pan/Tilt Pos 6 192–199 Store Pan/Tilt Pos 7 200–207 Store Pan/Tilt Pos 8 208–215 Store Pan/Tilt Pos 9 216–223 Sequential Stored Positions Fade 224–231 Sequential Stored Positions Snap 232–239 Random Stored Positions Fade 240–247 Random Stored Positions Snap 248–255 540 Mode

Default 12CH (continued)

Ch	Function	Default	DMX values
9	Gobo	0	0–4 Open (wheel slot 1) 5–8 Aperture 1 (wheel slot 2) 9–12 Aperture 2 (wheel slot 3) 13–16 Aperture 3 (wheel slot 4) 17–20 Aperture 4 (wheel slot 5) 21–24 Aperture 5 (wheel slot 6) 25–28 Open (wheel slot 7) 29–32 Gobo 1 (wheel slot 8) 33–36 Gobo 2 (wheel slot 9) 37–40 Gobo 3 (wheel slot 10) 41–44 Gobo 4 (wheel slot 11) 45–48 Gobo 5 (wheel slot 12) 49–52 Gobo 6 (wheel slot 13) 53–56 Gobo 7 (wheel slot 14) 57–60 Gobo 8 (wheel slot 15) 61–64 Gobo 9 (wheel slot 16) 65–68 Gobo 10 (wheel slot 17) 69–72 Gobo 11 (wheel slot 18) 73–76 Gobo 12 (wheel slot 19) 77–80 Gobo 13 (wheel slot 20) 81–84 Gobo 14 (wheel slot 21) 85–88 Open Shake S -> F (wheel slot 1) 89–92 Aperture 1 Shake S -> F (wheel slot 2) 93–96 Aperture 2 Shake S -> F (wheel slot 3) 97–100 Aperture 3 Shake S -> F (wheel slot 4) 101–104 Aperture 4 Shake S -> F (wheel slot 5) 105–108 Aperture 5 Shake S -> F (wheel slot 6) 109–112 Open Shake S -> F (wheel slot 7) 113–116 Gobo 1 Shake S -> F (wheel slot 8) 117–120 Gobo 2 Shake S -> F (wheel slot 9) 121–124 Gobo 3 Shake S -> F (wheel slot 10) 125–128 Gobo 4 Shake S -> F (wheel slot 11) 129–132 Gobo 5 Shake S -> F (wheel slot 12) 133–136 Gobo 6 Shake S -> F (wheel slot 13) 137–140 Gobo 7 Shake S -> F (wheel slot 14) 141–144 Gobo 8 Shake S -> F (wheel slot 15) 145–148 Gobo 9 Shake S -> F (wheel slot 16) 149–152 Gobo 10 Shake S -> F (wheel slot 17) 153–156 Gobo 11 Shake S -> F (wheel slot 18) 157–160 Gobo 12 Shake S -> F (wheel slot 19) 161–164 Gobo 13 Shake S -> F (wheel slot 20) 165–168 Gobo 14 Shake S -> F (wheel slot 21) 169–180 Effect Area 1 (wheel slot 22) 181–192 Effect Area 2 (wheel slot 23) 193–202 Effect Area 1 - Oscillate (wheel slot 24) 203–212 Effect Area 2 - Oscillate (wheel slot 25) 213–254 <<< 255–255 >>>

Default 12CH (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 Congo Blue (wheel slot 2) 10–14 Red (wheel slot 3) 15–19 Green (wheel slot 4) 20–24 Blue (wheel slot 5) 25–29 Orange (wheel slot 6) 30–34 Light Green (wheel slot 7) 35–39 Pink (wheel slot 8) 40–44 Light Blue CTB (wheel slot 9) 45–49 Lavender/Purple (wheel slot 10) 50–54 Fluorescent Green (wheel slot 11) 55–59 Magenta (wheel slot 12) 60–64 Cyan (wheel slot 13) 65–69 Yellow (wheel slot 14) 70–74 CTO 3000K (wheel slot 15) 75–79 Open (wheel slot 1) 80–80 Open / Congo Blue (wheel slot 1) 81–89 Congo Blue (wheel slot 2) 90–90 Congo Blue / Red (wheel slot 2) 91–99 Red (wheel slot 3) 100–100 Red / Green (wheel slot 3) 101–109 Green (wheel slot 4) 110–110 Green/ Blue (wheel slot 4) 111–119 Blue (wheel slot 5) 120–120 Blue / Orange (wheel slot 5) 121–129 Orange (wheel slot 6) 130–130 Orange / Light Green (wheel slot 6) 131–139 Light Green (wheel slot 7) 140–140 Light Green / Pink (wheel slot 7) 141–149 Pink (wheel slot 8) 150–150 Pink / Light Blue CTB (wheel slot 8) 151–159 Light Blue CTB (wheel slot 9) 160–160 Light Blue CTB / Lavender/Purple (wheel slot 9) 161–169 Lavender/Purple (wheel slot 10) 170–170 Lavender/Purple / Fluorescent Green (wheel slot 10) 171–179 Fluorescent Green (wheel slot 11) 180–180 Fluorescent Green /Magenta (wheel slot 11) 181–189 Magenta (wheel slot 12) 190–190 Magenta / Cyan (wheel slot 12) 191–199 Cyan (wheel slot 13) 200–200 Cyan /Yellow (wheel slot 13) 201–209 Yellow (wheel slot 14) 210–210 Yellow / CTO 3000K (wheel slot 14) 211–219 CTO 3000K (wheel slot 15) 220–220 CTO 3000K / Open (wheel slot 15) 221–225 Open (wheel slot 1) 226–238 Scroll <<< (wheel slot 1) 239–241 Stop (wheel slot 1) 242–255 Scroll >>> (wheel slot 1)
11	Focus	0	
12	Control1	0	0–4 No Function 5–9 Full Reset 10–14 Pan Reset 15–19 Tilt Reset 20–24 Gobo Wheel Reset 25–29 Color Wheel Reset 30–34 Focus Reset 35–255 Reserved