SGM Light

P-3 Wash



Manufacturer	**SGM Light**
Type	**Strobe**
DMX modes	**2**
DMX footprint	**16, 21 channels**
Beam angle	**31.5°**
Heads / cells	**3**
Size (W × H × D)	**287 × 196 × 122 mm**
GDTF fixture type	**027D22FC-9A52-11EE-AA9C-52…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Dimmer · Pixel control

Safety-relevant functions

Built-in effect programmes

DMX modes

16 Channel Standard (Default)	16 ch
21 Channel Studio	21 ch

16 Channel Standard (Default)

16 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Strobe Duration	0	0–0 Min 1–254 Min > Max 255–255 Max
3	Strobe Rate	0	0–0 Min 1–254 Min > Max 255–255 Max
4	Effect	0	0–5 No Func - Custom 6–10 Flicker - Effect 11–15 Random Strobe Panels - Effect 16–20 Random Strobe - Effect 21–25 Flicker Colors - Effect 26–30 Random Strobe Panels - Effect 31–35 Spikes Colors - Effect 36–40 Spikes Panel - Effect 41–45 Pre-Red - Effect 46–50 Pre-Green - Effect 51–55 Pre-Blue - Effect 56–60 RGB-Flicker - Effect 61–65 Lightning - Effect 66–70 Roll Effect RGB - Effect 71–75 Fire - Effect 76–80 Ice - Effect 81–85 Magenta Red Blue - Effect 86–90 Random Color Fade Pixel - Effect 91–95 Halogen Attack - Effect 96–100 Halogen Decay - Effect 101–255 No Function - Custom
5	Color Macro2	0	
6	C TC	0	0–0 5600K - CTC 1–4 RAW - CTC 5–14 2000K - CTC 15–24 2200K - CTC 25–34 2400K - CTC 35–44 2600K - CTC 45–54 2800K - CTC 55–64 3000K - CTC 65–74 3200K - CTC 75–84 3400K - CTC 85–94 3600K - CTC 95–104 3800K - CTC 105–114 4000K - CTC 115–124 4200K - CTC 125–134 4400K - CTC 135–144 4600K - CTC 145–154 4800K - CTC 155–164 5000K - CTC 165–174 5200K - CTC 175–184 5400K - CTC 185–194 5600K - CTC 195–204 5800K - CTC 205–214 6100K - CTC 215–224 6300K - CTC 225–234 6500K - CTC 235–244 7500K - CTC 245–254 8800K - CTC 255–255 10000K - CTC

16 Channel Standard (Default) (continued)

Ch	Function	Default	DMX values
7	Color Control	0	0–127 SGM Standard - Custom 128–255 SGM VersaPath - Custom
8	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
11	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
12	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
14	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
16	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

21 Channel Studio

21 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–0 Min 1–254 Min > Max 255–255 Max

21 Channel Studio (continued)

Ch	Function	Default	DMX values
4	Strobe Rate	0	0–5 No Func - Custom 6–10 Flicker - Effect 11–15 Random Strobe Panels - Effect 16–20 Random Strobe - Effect 21–25 Flicker Colors - Effect 26–30 Random Strobe Panels - Effect 31–35 Spikes Colors - Effect 36–40 Spikes Panel - Effect 41–45 Pre-Red - Effect 46–50 Pre-Green - Effect 51–55 Pre-Blue - Effect 56–60 RGB-Flicker - Effect 61–65 Lightning - Effect 66–70 Roll Effect RGB - Effect 71–75 Fire - Effect 76–80 Ice - Effect 81–85 Magenta Red Blue - Effect 86–90 Random Color Fade Pixel - Effect 91–95 Halogen Attack - Effect 96–100 Halogen Decay - Effect 101–255 No Function - Custom
5	Effect	0	0–5 No Func - Custom 6–10 Flicker - Effect 11–15 Random Strobe Panels - Effect 16–20 Random Strobe - Effect 21–25 Flicker Colors - Effect 26–30 Random Strobe Panels - Effect 31–35 Spikes Colors - Effect 36–40 Spikes Panel - Effect 41–45 Pre-Red - Effect 46–50 Pre-Green - Effect 51–55 Pre-Blue - Effect 56–60 RGB-Flicker - Effect 61–65 Lightning - Effect 66–70 Roll Effect RGB - Effect 71–75 Fire - Effect 76–80 Ice - Effect 81–85 Magenta Red Blue - Effect 86–90 Random Color Fade Pixel - Effect 91–95 Halogen Attack - Effect 96–100 Halogen Decay - Effect 101–255 No Function - Custom
6	Color Macro2	0	
7	Color1Mode	0	0–4 CTC RGB 5–9 xy (CIE 1931) 10–14 CTC RGBW 15–19 HSI 20–24 CMY 25–29 CTC RGB+W 30–255 RESERVED
8	Color Control	0	0–4 NEUTRAL 5–125 MINUS GREEN 126–134 NEUTRAL 135–255 PLUS GREEN
9	Dimmer Curve	0	0–4 SMOOTH GAMMA 5–9 SMOOTH LINEAR 10–14 HALOGEN GAMMA 15–19 HALOGEN LINEAR 20–24 FAST GAMMA 25–29 FAST LINEAR 30–255 RESERVED

21 Channel Studio (continued)

Ch	Function	Default	DMX values
10	C TC	0	0–0 5600K - CTC 1–4 RAW - CTC 5–14 2000K - CTC 15–24 2200K - CTC 25–34 2400K - CTC 35–44 2600K - CTC 45–54 2800K - CTC 55–64 3000K - CTC 65–74 3200K - CTC 75–84 3400K - CTC 85–94 3600K - CTC 95–104 3800K - CTC 105–114 4000K - CTC 115–124 4200K - CTC 125–134 4400K - CTC 135–144 4600K - CTC 145–154 4800K - CTC 155–164 5000K - CTC 165–174 5200K - CTC 175–184 5400K - CTC 185–194 5600K - CTC 195–204 5800K - CTC 205–214 6100K - CTC 215–224 6300K - CTC 225–234 6500K - CTC 235–244 7500K - CTC 245–254 8800K - CTC 255–255 10000K - CTC
11	Color Control	0	0–127 SGM Standard - Custom 128–255 SGM VersaPath - Custom
12	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Red Fine	255	Fine byte of Red
14	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Green Fine	255	Fine byte of Green
16	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
17	Blue Fine	255	Fine byte of Blue
18	White	255	0–0 Min 1–254 Min > Max 255–255 Max
19	White Fine	255	Fine byte of White
20	L EDFrequency	0	0–4 Default (24 4kHz) 5–255 2 44Hz > 22 22Hz - Custom
21	Fans	0	0–4 DEFAULT 5–255 Manual Speed Control - Custom