SGM Light

P-3 Vision



Manufacturer	**SGM Light**
Type	**Effect light**
DMX modes	**9**
DMX footprint	**7, 13, 16, 26, 34, 36, 94, 115, 128 channels**
Beam angle	**31.5°**
Heads / cells	**33**
Size (W × H × D)	**287 × 196 × 122 mm**
GDTF fixture type	**769FC33A-9A02-11EE-AA9C-52…**

Controls

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

Safety-relevant functions

Built-in effect programmes

DMX modes

7 Channel RGB	7 ch
13 Channel CTC	13 ch
16 Channel Simplified (RAW)	16 ch
26 Channel Standard (Default)	26 ch
34 Channel Studio	34 ch
36 Channel Standard (Default)	36 ch
94 Channel RGB	94 ch
115 Channel Extended	115 ch
128 Channel Extended Plus	128 ch

7 Channel RGB

7 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Function	0	0–0 Min 1–254 Min > Max 255–255 Max

13 Channel CTC

13 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	12	0–7 Closed - Shutter Closed 8–15 Open - Shutter Open 16–151 Strobe F > S - Strobe 152–175 Pulse Open S > F - Strobe Pulse Open 176–199 Pulse Closed S > F - Strobe Pulse Closed 200–244 Strobe Random S > F - Strobe Random 245–255 Open - Shutter Open
2	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

13 Channel CTC (continued)

Ch	Function	Default	DMX values
3	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
4	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Shutter / Strobe 2	12	0–7 Closed - Shutter Closed 8–15 Open - Shutter Open 16–151 Strobe F > S - Strobe 152–175 Pulse Open S > F - Strobe Pulse Open 176–199 Pulse Closed S > F - Strobe Pulse Closed 200–244 Strobe Random S > F - Strobe Random 245–255 Open - Shutter Open
8	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

13 Channel CTC (continued)

Ch	Function	Default	DMX values
9	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
10	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
11	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
12	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Function	0	0–0 Min 1–254 Min > Max 255–255 Max

16 Channel Simplified (RAW)

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

16 Channel Simplified (RAW) (continued)

Ch	Function	Default	DMX values
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	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
8	White	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
10	Strobe Duration	0	0–0 Min 1–254 Min > Max 255–255 Max
11	Strobe Rate	0	0–0 Min 1–254 Min > Max 255–255 Max

16 Channel Simplified (RAW) (continued)

Ch	Function	Default	DMX values
12	Effect 2	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
13	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
14	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
16	Function	0	0–0 Min 1–254 Min > Max 255–255 Max

26 Channel Standard (Default)

26 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

26 Channel Standard (Default) (continued)

Ch	Function	Default	DMX values
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 Macro1Rate	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Color Macro2	0	
7	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
8	Color Control	0	0–127 SGM Standard - Custom 128–255 SGM VersaPath - Custom
9	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Green	255	0–0 Min 1–254 Min > Max 255–255 Max

26 Channel Standard (Default) (continued)

Ch	Function	Default	DMX values
11	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
12	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
14	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
16	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
17	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
18	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
19	Strobe Duration	0	0–0 Min 1–254 Min > Max 255–255 Max
20	Strobe Rate	0	0–0 Min 1–254 Min > Max 255–255 Max
21	Effect 2	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

26 Channel Standard (Default) (continued)

Ch	Function	Default	DMX values
22	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
23	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
24	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
25	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
26	Function	0	0–0 Min 1–254 Min > Max 255–255 Max

34 Channel Studio

34 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
4	Strobe Rate	0	0–0 Min 1–254 Min > Max 255–255 Max

34 Channel Studio (continued)

Ch	Function	Default	DMX values
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 Macro1Rate	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Color Macro2	0	
8	Color Mix Mode	0	0–4 CTC RGB - Color 5–9 XY Control - Color 10–14 CTC RGBW - Color 15–19 HSI - Color 20–24 CMY - Color 25–29 CTC RGB+W - Color 30–255 No Func - Custom
9	Tint	0	0–4 Neutral - Color 5–125 Minus Green - Color 126–134 Neutral - Color 135–255 Plus Green - Color
10	Dimmer Curve	0	0–4 Smooth Gamma Corrected - Custom 5–9 Smooth Linear - Custom 10–14 Halogen Gamma Corrected - Custom 15–19 Halogen Linear - Custom 20–24 Fast Gamma Corrected - Custom 25–29 Fast Linear - Custom 30–255 Reserved - Custom

34 Channel Studio (continued)

Ch	Function	Default	DMX values
11	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
12	Color Control	0	0–127 SGM Standard - Custom 128–255 SGM VersaPath - Custom
13	Red	255	
14	Red Fine	255	Fine byte of Red
15	Green	255	
16	Green Fine	255	Fine byte of Green
17	Blue	255	
18	Blue Fine	255	Fine byte of Blue
19	White	255	
20	White Fine	255	Fine byte of White
21	L EDFrequency	0	0–4 Default (24 4kHz) - Custom 5–255 2 44Hz > 22 22Hz - Custom
22	Dimmer	0	
23	Dimmer Fine	0	Fine byte of Dimmer
24	Strobe Duration	0	0–0 Min 1–254 Min > Max 255–255 Max
25	Strobe Rate	0	0–0 Min 1–254 Min > Max 255–255 Max

34 Channel Studio (continued)

Ch	Function	Default	DMX values
26	Effect 2	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
27	Tint	0	0–4 Neutral - Color 5–125 Minus Green - Color 126–134 Neutral - Color 135–255 Plus Green - Color
28	Dimmer Curve	0	0–4 Smooth Gamma Corrected - Custom 5–9 Smooth Linear - Custom 10–14 Halogen Gamma Corrected - Custom 15–19 Halogen Linear - Custom 20–24 Fast Gamma Corrected - Custom 25–29 Fast Linear - Custom 30–255 Reserved - Custom
29	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

34 Channel Studio (continued)

Ch	Function	Default	DMX values
30	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
31	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
32	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
33	Fans	0	0–4 Default - Custom 5–255 Manual Speed Control - Custom
34	Function	0	0–0 Min 1–254 Min > Max 255–255 Max

36 Channel Standard (Default)

36 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
4	Strobe Rate	0	0–0 Min 1–254 Min > Max 255–255 Max
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 Macro1Rate	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Color Macro2	0	

36 Channel Standard (Default) (continued)

Ch	Function	Default	DMX values
8	Dimmer Curve	0	0–4 Smooth Gamma Corrected - Custom 5–9 Smooth Linear - Custom 10–14 Halogen Gamma Corrected - Custom 15–19 Halogen Linear - Custom 20–24 Fast Gamma Corrected - Custom 25–29 Fast Linear - Custom 30–255 Reserved - Custom
9	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
10	Color Control	0	0–127 SGM Standard - Custom 128–255 SGM VersaPath - Custom
11	Color RGBRed	0	0–0 Min 1–254 Min > Max 255–255 Max
12	Color RGBGreen	0	0–0 Min 1–254 Min > Max 255–255 Max
13	Color RGBBlue	0	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
17	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

36 Channel Standard (Default) (continued)

Ch	Function	Default	DMX values
18	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
19	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
20	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
21	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
22	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
23	Dimmer	0	
24	Dimmer Fine	0	Fine byte of Dimmer
25	Strobe Duration	0	0–0 Min 1–254 Min > Max 255–255 Max
26	Strobe Rate	0	0–0 Min 1–254 Min > Max 255–255 Max
27	Effect 2	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
28	Dimmer Curve	0	0–4 Smooth Gamma Corrected - Custom 5–9 Smooth Linear - Custom 10–14 Halogen Gamma Corrected - Custom 15–19 Halogen Linear - Custom 20–24 Fast Gamma Corrected - Custom 25–29 Fast Linear - Custom 30–255 Reserved - Custom

36 Channel Standard (Default) (continued)

Ch	Function	Default	DMX values
29	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
30	Color RGBRed	0	0–0 Min 1–254 Min > Max 255–255 Max
31	Color RGBGreen	0	0–0 Min 1–254 Min > Max 255–255 Max
32	Color RGBBlue	0	0–0 Min 1–254 Min > Max 255–255 Max
33	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
34	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
35	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
36	Function	0	0–0 Min 1–254 Min > Max 255–255 Max

94 Channel RGB

94 channels

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

94 Channel RGB (continued)

Ch	Function	Default	DMX values
5	Green	255	
6	Blue	255	
7	Red	255	
8	Green	255	
9	Blue	255	
10	Red	255	
11	Green	255	
12	Blue	255	
13	Red	255	
14	Green	255	
15	Blue	255	
16	Red	255	
17	Green	255	
18	Blue	255	
19	Red	255	
20	Green	255	
21	Blue	255	
22	Red	255	
23	Green	255	
24	Blue	255	
25	Red	255	
26	Green	255	
27	Blue	255	
28	Red	255	
29	Green	255	
30	Blue	255	
31	Red	255	
32	Green	255	
33	Blue	255	
34	Red	255	
35	Green	255	
36	Blue	255	
37	Red	255	
38	Green	255	
39	Blue	255	
40	Red	255	
41	Green	255	
42	Blue	255	
43	Red	255	
44	Green	255	
45	Blue	255	
46	Red	255	
47	Green	255	
48	Blue	255	
49	Red	255	

94 Channel RGB (continued)

Ch	Function	Default	DMX values
50	Green	255	
51	Blue	255	
52	Red	255	
53	Green	255	
54	Blue	255	
55	Red	255	
56	Green	255	
57	Blue	255	
58	Red	255	
59	Green	255	
60	Blue	255	
61	Red	255	
62	Green	255	
63	Blue	255	
64	Red	255	
65	Green	255	
66	Blue	255	
67	Red	255	
68	Green	255	
69	Blue	255	
70	Red	255	
71	Green	255	
72	Blue	255	
73	Red	255	
74	Green	255	
75	Blue	255	
76	Red	255	
77	Green	255	
78	Blue	255	
79	Red	255	
80	Green	255	
81	Blue	255	
82	Red	255	
83	Green	255	
84	Blue	255	
85	Red	255	
86	Green	255	
87	Blue	255	
88	Red	255	
89	Green	255	
90	Blue	255	
91	Red	255	
92	Green	255	
93	Blue	255	
94	Function	0	

115 Channel Extended

115 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	
4	Strobe Rate	0	
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 Macro1Rate	0	
7	Color Macro2	0	
8	C TC	0	
9	Color Control	0	
10	Color RGBRed	0	
11	Color RGBGreen	0	
12	Color RGBBlue	0	
13	Red	255	
14	Green	255	
15	Blue	255	
16	Red	255	
17	Green	255	
18	Blue	255	
19	Red	255	
20	Green	255	
21	Blue	255	
22	Dimmer	0	
23	Dimmer Fine	0	Fine byte of Dimmer
24	Strobe Duration	0	
25	Strobe Rate	0	

115 Channel Extended (continued)

Ch	Function	Default	DMX values
26	Effect 2	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
27	C TC	0	
28	Color RGBRed	0	
29	Color RGBGreen	0	
30	Color RGBBlue	0	
31	Red	255	
32	Green	255	
33	Blue	255	
34	Red	255	
35	Green	255	
36	Blue	255	
37	Red	255	
38	Green	255	
39	Blue	255	
40	Red	255	
41	Green	255	
42	Blue	255	
43	Red	255	
44	Green	255	
45	Blue	255	
46	Red	255	
47	Green	255	
48	Blue	255	
49	Red	255	
50	Green	255	
51	Blue	255	
52	Red	255	
53	Green	255	
54	Blue	255	
55	Red	255	
56	Green	255	

115 Channel Extended (continued)

Ch	Function	Default	DMX values
57	Blue	255	
58	Red	255	
59	Green	255	
60	Blue	255	
61	Red	255	
62	Green	255	
63	Blue	255	
64	Red	255	
65	Green	255	
66	Blue	255	
67	Red	255	
68	Green	255	
69	Blue	255	
70	Red	255	
71	Green	255	
72	Blue	255	
73	Red	255	
74	Green	255	
75	Blue	255	
76	Red	255	
77	Green	255	
78	Blue	255	
79	Red	255	
80	Green	255	
81	Blue	255	
82	Red	255	
83	Green	255	
84	Blue	255	
85	Red	255	
86	Green	255	
87	Blue	255	
88	Red	255	
89	Green	255	
90	Blue	255	
91	Red	255	
92	Green	255	
93	Blue	255	
94	Red	255	
95	Green	255	
96	Blue	255	
97	Red	255	
98	Green	255	
99	Blue	255	
100	Red	255	
101	Green	255	

115 Channel Extended (continued)

Ch	Function	Default	DMX values
102	Blue	255	
103	Red	255	
104	Green	255	
105	Blue	255	
106	Red	255	
107	Green	255	
108	Blue	255	
109	Red	255	
110	Green	255	
111	Blue	255	
112	Red	255	
113	Green	255	
114	Blue	255	
115	Function	0	

128 Channel Extended Plus

128 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	
4	Strobe Rate	0	
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 Macro1Rate	0	
7	Color Macro2	0	
8	Dimmer Curve	0	
9	C TC	0	
10	Color Control	0	
11	Color RGBRed	0	
12	Color RGBGreen	0	
13	Color RGBBlue	0	

128 Channel Extended Plus (continued)

Ch	Function	Default	DMX values
14	Red	255	
15	Red Fine	255	Fine byte of Red
16	Green	255	
17	Green Fine	255	Fine byte of Green
18	Blue	255	
19	Blue Fine	255	Fine byte of Blue
20	Red	255	
21	Red Fine	255	Fine byte of Red
22	Green	255	
23	Green Fine	255	Fine byte of Green
24	Blue	255	
25	Blue Fine	255	Fine byte of Blue
26	Red	255	
27	Red Fine	255	Fine byte of Red
28	Green	255	
29	Green Fine	255	Fine byte of Green
30	Blue	255	
31	Blue Fine	255	Fine byte of Blue
32	L EDFrequency	0	
33	Dimmer	0	
34	Dimmer Fine	0	Fine byte of Dimmer
35	Strobe Duration	0	
36	Strobe Rate	0	
37	Effect 2	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
38	Dimmer Curve	0	
39	C TC	0	
40	Color RGBRed	0	
41	Color RGBGreen	0	
42	Color RGBBlue	0	
43	Red	255	
44	Green	255	

128 Channel Extended Plus (continued)

Ch	Function	Default	DMX values
45	Blue	255	
46	Red	255	
47	Green	255	
48	Blue	255	
49	Red	255	
50	Green	255	
51	Blue	255	
52	Red	255	
53	Green	255	
54	Blue	255	
55	Red	255	
56	Green	255	
57	Blue	255	
58	Red	255	
59	Green	255	
60	Blue	255	
61	Red	255	
62	Green	255	
63	Blue	255	
64	Red	255	
65	Green	255	
66	Blue	255	
67	Red	255	
68	Green	255	
69	Blue	255	
70	Red	255	
71	Green	255	
72	Blue	255	
73	Red	255	
74	Green	255	
75	Blue	255	
76	Red	255	
77	Green	255	
78	Blue	255	
79	Red	255	
80	Green	255	
81	Blue	255	
82	Red	255	
83	Green	255	
84	Blue	255	
85	Red	255	
86	Green	255	
87	Blue	255	
88	Red	255	
89	Green	255	

128 Channel Extended Plus (continued)

Ch	Function	Default	DMX values
90	Blue	255	
91	Red	255	
92	Green	255	
93	Blue	255	
94	Red	255	
95	Green	255	
96	Blue	255	
97	Red	255	
98	Green	255	
99	Blue	255	
100	Red	255	
101	Green	255	
102	Blue	255	
103	Red	255	
104	Green	255	
105	Blue	255	
106	Red	255	
107	Green	255	
108	Blue	255	
109	Red	255	
110	Green	255	
111	Blue	255	
112	Red	255	
113	Green	255	
114	Blue	255	
115	Red	255	
116	Green	255	
117	Blue	255	
118	Red	255	
119	Green	255	
120	Blue	255	
121	Red	255	
122	Green	255	
123	Blue	255	
124	Red	255	
125	Green	255	
126	Blue	255	
127	Fans	0	
128	Function	0	