SGM Light

Q-8



Manufacturer	**SGM Light**
Type	**Blinder**
DMX modes	**8**
DMX footprint	**10, 12, 27, 34, 36, 41, 52 channels**
Beam angle	**25°**
Heads / cells	**5**
Size (W × H × D)	**520 × 166 × 320 mm**
GDTF fixture type	**71CE7798-00A8-46F0-8852-829…**

Controls

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

Safety-relevant functions

Service functions · Strobe

DMX modes

10 Channel Strobe	10 ch
12 Channel RGB Only	12 ch
12 Channel Simplified	12 ch
27 Channel Standard	27 ch
34 Channel Standard +	34 ch
36 Channel Studio	36 ch
41 Channel Extended	41 ch
52 Channel Extended +	52 ch

10 Channel Strobe

10 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	8	0–7 Closed 8–15 Open 16–150 Fast 151–174 Slow 175–175 Fast 176–198 Slow 199–199 Fast 200–243 Slow 244–244 Fast 245–255 Open
2	Dimmer	0	
3	C TC	0	0–0 5600K 1–4 RAW 5–254 2000K 255–255 10000K
4	Red	255	
5	Green	255	
6	Blue	255	
7	Dimmer	0	
8	Strobe Duration	0	0–254 Short 255–255 Long
9	Strobe Rate	0	0–254 Slow 255–255 Fast
10	Shutter4Strobe Effect	0	0–5 No Effect 6–42 Halogen Attack 43–85 Halogen Decay 86–128 Halogen Attack Decay 129–171 Random 172–214 Lightning 215–255 Spikes

12 Channel RGB Only

12 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Red	255	
5	Green	255	
6	Blue	255	
7	Red	255	
8	Green	255	
9	Blue	255	
10	Red	255	
11	Green	255	
12	Blue	255	

12 Channel Simplified

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

12 Channel Simplified (continued)

Ch	Function	Default	DMX values
2	Strobe Duration	0	0–254 Short 255–255 Long
3	Strobe Rate	0	0–254 Slow 255–255 Fast
4	Shutter1Strobe Effect	0	0–5 No Effect 6–10 Flicker 11–15 Random Pixel 16–20 Random Strobe 21–25 Flicker Individual Color 26–30 Random Strobe Color 31–35 Random Spike Color 36–40 Random Spike Pixel 41–45 Pre-Red 46–50 Pre-Green 51–55 Pre-Blue 56–60 RGB Flicker 61–65 Lightning 66–70 Circle RGB 71–75 Fire 76–80 Ice 81–85 Magenta-Red-Blue 86–90 Random Color Fade Pixel 91–95 Circle CW 96–100 Circle CCW 101–105 Scroll Down 106–110 Scroll Up 111–115 Scroll Up-Down 116–120 Effect Pixel 1-4 121–121 1-0-0-0 122–122 0-1-0-0 123–123 1-1-0-0 124–124 0-0-1-0 125–125 1-0-1-0 126–126 0-1-1-0 127–127 1-1-1-0 128–128 0-0-0-1 129–129 1-0-0-1 130–130 0-1-0-1 131–131 1-1-0-1 132–132 0-0-1-1 133–133 1-0-1-1 134–134 0-1-1-1 135–135 1-1-1-1 136–136 0-0-0-0 137–250 Reserved 251–255 No Effect
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	255	
9	Dimmer	0	
10	Strobe Duration	0	0–254 Short 255–255 Long
11	Strobe Rate	0	0–254 Slow 255–255 Fast

12 Channel Simplified (continued)

Ch	Function	Default	DMX values
12	Shutter2Strobe Effect	0	0–9 No Effect 10–19 Random Pixel 20–29 Strobe Turn Off Panel 30–39 Random Strobe 40–49 Random Strobe Turn Off Panel 50–59 Flicker 60–69 Lightning 70–79 Spikes 80–89 Random Blind 90–99 Halogen Decay 100–109 Halogen Attack Decay 110–119 Halogen Attack 120–129 Random Pixel Pulse 130–139 Random Intensity Strobe 140–149 Square Pix CCW 150–159 Square Pix CCW Decay 160–169 Square Pix CCW Attack 170–179 Square Pix CCW Attack Decay 180–189 Square Pix CW 190–199 Square Pix CW Decay 200–209 Square Pix CW Attack 210–219 Square Pix CW Attack Decay 220–220 1-0-0-0 221–221 0-1-0-0 222–222 1-1-0-0 223–223 0-0-1-0 224–224 1-0-1-0 225–225 0-1-1-0 226–226 1-1-1-0 227–227 0-0-0-1 228–228 1-0-0-1 229–229 0-1-0-1 230–230 1-1-0-1 231–231 0-0-1-1 232–232 1-0-1-1 233–233 0-1-1-1 234–234 1-1-1-1 235–235 0-0-0-0 236–250 Reserved 251–255 No Effect

27 Channel Standard

27 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Strobe Duration	0	0–254 Short 255–255 Long
3	Strobe Rate	0	0–254 Slow 255–255 Fast

27 Channel Standard (continued)

Ch	Function	Default	DMX values
4	Shutter1Strobe Effect	0	0–5 No Effect 6–10 Flicker 11–15 Random Pixel 16–20 Random Strobe 21–25 Flicker Individual Color 26–30 Random Strobe Color 31–35 Random Spike Color 36–40 Random Spike Pixel 41–45 Pre-Red 46–50 Pre-Green 51–55 Pre-Blue 56–60 RGB Flicker 61–65 Lightning 66–70 Circle RGB 71–75 Fire 76–80 Ice 81–85 Magenta-Red-Blue 86–90 Random Color Fade Pixel 91–95 Circle CW 96–100 Circle CCW 101–105 Scroll Down 106–110 Scroll Up 111–115 Scroll Up-Down 116–120 Effect Pixel 1-4 121–121 1-0-0-0 122–122 0-1-0-0 123–123 1-1-0-0 124–124 0-0-1-0 125–125 1-0-1-0 126–126 0-1-1-0 127–127 1-1-1-0 128–128 0-0-0-1 129–129 1-0-0-1 130–130 0-1-0-1 131–131 1-1-0-1 132–132 0-0-1-1 133–133 1-0-1-1 134–134 0-1-1-1 135–135 1-1-1-1 136–136 0-0-0-0 137–250 Reserved 251–255 No Effect

27 Channel Standard (continued)

Ch	Function	Default	DMX values
5	Color Macro1	0	0–4 Open 5–9 Congo 10–14 Red 15–19 Green 20–24 Blue 25–29 Orange 30–34 Light Green 35–39 Pink 40–44 Light Blue 45–49 Purple 50–54 Neon Green 55–59 Magenta 60–64 Cyan 65–69 Yellow 70–74 CTC 75–78 Color Scroll CCW (Fast) 79–79 Color Scroll CCW (Slow) 80–83 Color Scroll CW (Slow) 84–84 Color Scroll CW (Fast) 85–89 Random Color 90–180 Color Filter Emulation 181–199 Minus Green 200–200 Neutral 201–219 Plus Green 220–224 DualSource Macro 1 225–229 DualSource Macro 2 230–234 DualSource Macro 3 235–239 DualSource Macro 4 240–244 DualSource Macro 5 245–249 DualSource Macro 6 250–254 DualSource Macro 7 255–255 Open
6	C TC	0	0–0 5600K 1–4 RAW 5–254 2000K 255–255 10000K
7	Color Calibration Mode	0	0–127 SGM Standard 128–255 SGM Versapath
8	Red	255	
9	Green	255	
10	Blue	255	
11	Red	255	
12	Green	255	
13	Blue	255	
14	Red	255	
15	Green	255	
16	Blue	255	
17	Red	255	
18	Green	255	
19	Blue	255	
20	Dimmer	0	
21	Strobe Duration	0	0–254 Short 255–255 Long
22	Strobe Rate	0	0–254 Slow 255–255 Fast

27 Channel Standard (continued)

Ch	Function	Default	DMX values
23	Shutter2Strobe Effect	0	0–9 No Effect 10–19 Random Pixel 20–29 Strobe Turn Off Panel 30–39 Random Strobe 40–49 Random Strobe Turn Off Panel 50–59 Flicker 60–69 Lightning 70–79 Spikes 80–89 Random Blind 90–99 Halogen Decay 100–109 Halogen Attack Decay 110–119 Halogen Attack 120–129 Random Pixel Pulse 130–139 Random Intensity Strobe 140–149 Square Pix CCW 150–159 Square Pix CCW Decay 160–169 Square Pix CCW Attack 170–179 Square Pix CCW Attack Decay 180–189 Square Pix CW 190–199 Square Pix CW Decay 200–209 Square Pix CW Attack 210–219 Square Pix CW Attack Decay 220–220 1-0-0-0 221–221 0-1-0-0 222–222 1-1-0-0 223–223 0-0-1-0 224–224 1-0-1-0 225–225 0-1-1-0 226–226 1-1-1-0 227–227 0-0-0-1 228–228 1-0-0-1 229–229 0-1-0-1 230–230 1-1-0-1 231–231 0-0-1-1 232–232 1-0-1-1 233–233 0-1-1-1 234–234 1-1-1-1 235–235 0-0-0-0 236–250 Reserved 251–255 No Effect
24	Dimmer	255	
25	Dimmer	255	
26	Dimmer	255	
27	Dimmer	255	

34 Channel Standard +

34 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Strobe Duration	0	0–254 Short 255–255 Long
3	Strobe Rate	0	0–254 Slow 255–255 Fast

34 Channel Standard + (continued)

Ch	Function	Default	DMX values
4	Shutter1Strobe Effect	0	0–5 No Effect 6–10 Flicker 11–15 Random Pixel 16–20 Random Strobe 21–25 Flicker Individual Color 26–30 Random Strobe Color 31–35 Random Spike Color 36–40 Random Spike Pixel 41–45 Pre-Red 46–50 Pre-Green 51–55 Pre-Blue 56–60 RGB Flicker 61–65 Lightning 66–70 Circle RGB 71–75 Fire 76–80 Ice 81–85 Magenta-Red-Blue 86–90 Random Color Fade Pixel 91–95 Circle CW 96–100 Circle CCW 101–105 Scroll Down 106–110 Scroll Up 111–115 Scroll Up-Down 116–120 Effect Pixel 1-4 121–121 1-0-0-0 122–122 0-1-0-0 123–123 1-1-0-0 124–124 0-0-1-0 125–125 1-0-1-0 126–126 0-1-1-0 127–127 1-1-1-0 128–128 0-0-0-1 129–129 1-0-0-1 130–130 0-1-0-1 131–131 1-1-0-1 132–132 0-0-1-1 133–133 1-0-1-1 134–134 0-1-1-1 135–135 1-1-1-1 136–136 0-0-0-0 137–250 Reserved 251–255 No Effect

34 Channel Standard + (continued)

Ch	Function	Default	DMX values
5	Color Macro1	0	0–4 Open 5–9 Congo 10–14 Red 15–19 Green 20–24 Blue 25–29 Orange 30–34 Light Green 35–39 Pink 40–44 Light Blue 45–49 Purple 50–54 Neon Green 55–59 Magenta 60–64 Cyan 65–69 Yellow 70–74 CTC 75–78 Color Scroll CCW (Fast) 79–79 Color Scroll CCW (Slow) 80–83 Color Scroll CW (Slow) 84–84 Color Scroll CW (Fast) 85–89 Random Color 90–180 Color Filter Emulation 181–199 Minus Green 200–200 Neutral 201–219 Plus Green 220–224 DualSource Macro 1 225–229 DualSource Macro 2 230–234 DualSource Macro 3 235–239 DualSource Macro 4 240–244 DualSource Macro 5 245–249 DualSource Macro 6 250–254 DualSource Macro 7 255–255 Open
6	C TC	0	0–0 5600K 1–4 RAW 5–254 2000K 255–255 10000K
7	Color Calibration Mode	0	0–127 SGM Standard 128–255 SGM Versapath
8	Red	255	
9	Green	255	
10	Blue	255	
11	Red	255	
12	Green	255	
13	Blue	255	
14	Red	255	
15	Green	255	
16	Blue	255	
17	Red	255	
18	Green	255	
19	Blue	255	
20	Red	255	
21	Green	255	
22	Blue	255	
23	Dimmer	0	

34 Channel Standard + (continued)

Ch	Function	Default	DMX values
24	Strobe Duration	0	0–254 Short 255–255 Long
25	Strobe Rate	0	0–254 Slow 255–255 Fast
26	Shutter3Strobe Effect	0	0–9 Strobe 10–19 Random Pixel 20–29 Strobe Turn Off Panel 30–39 Random Strobe 40–49 Random Strobe Turn Off Panel 50–59 Flicker 60–69 Lightning 70–79 Spikes 80–89 Random Blind 90–99 Halogen Decay 100–109 Halogen Attack Decay 110–119 Halogen Attack 120–129 Random Pixel Pulse 130–139 Random Intensity Strobe 140–219 Reserved 220–220 1-0 221–221 0-1 222–222 1-1 223–223 0-0 224–250 Reserved 251–255 No Effect
27	Dimmer	0	
28	Strobe Duration	0	0–254 Short 255–255 Long
29	Strobe Rate	0	0–254 Slow 255–255 Fast
30	Shutter3Strobe Effect	0	0–9 Strobe 10–19 Random Pixel 20–29 Strobe Turn Off Panel 30–39 Random Strobe 40–49 Random Strobe Turn Off Panel 50–59 Flicker 60–69 Lightning 70–79 Spikes 80–89 Random Blind 90–99 Halogen Decay 100–109 Halogen Attack Decay 110–119 Halogen Attack 120–129 Random Pixel Pulse 130–139 Random Intensity Strobe 140–219 Reserved 220–220 1-0 221–221 0-1 222–222 1-1 223–223 0-0 224–250 Reserved 251–255 No Effect
31	Dimmer	255	
32	Dimmer	255	
33	Dimmer	255	
34	Dimmer	255	

36 Channel Studio

36 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–254 Short 255–255 Long
4	Strobe Rate	0	0–254 Slow 255–255 Fast
5	Shutter1Strobe Effect	0	0–5 No Effect 6–10 Flicker 11–15 Random Pixel 16–20 Random Strobe 21–25 Flicker Individual Color 26–30 Random Strobe Color 31–35 Random Spike Color 36–40 Random Spike Pixel 41–45 Pre-Red 46–50 Pre-Green 51–55 Pre-Blue 56–60 RGB Flicker 61–65 Lightning 66–70 Circle RGB 71–75 Fire 76–80 Ice 81–85 Magenta-Red-Blue 86–90 Random Color Fade Pixel 91–95 Circle CW 96–100 Circle CCW 101–105 Scroll Down 106–110 Scroll Up 111–115 Scroll Up-Down 116–120 Effect Pixel 1-4 121–121 1-0-0-0 122–122 0-1-0-0 123–123 1-1-0-0 124–124 0-0-1-0 125–125 1-0-1-0 126–126 0-1-1-0 127–127 1-1-1-0 128–128 0-0-0-1 129–129 1-0-0-1 130–130 0-1-0-1 131–131 1-1-0-1 132–132 0-0-1-1 133–133 1-0-1-1 134–134 0-1-1-1 135–135 1-1-1-1 136–136 0-0-0-0 137–250 Reserved 251–255 No Effect

36 Channel Studio (continued)

Ch	Function	Default	DMX values
6	Color Macro1	0	0–4 Open 5–9 Congo 10–14 Red 15–19 Green 20–24 Blue 25–29 Orange 30–34 Light Green 35–39 Pink 40–44 Light Blue 45–49 Purple 50–54 Neon Green 55–59 Magenta 60–64 Cyan 65–69 Yellow 70–74 CTC 75–78 Color Scroll CCW (Fast) 79–79 Color Scroll CCW (Slow) 80–83 Color Scroll CW (Slow) 84–84 Color Scroll CW (Fast) 85–89 Random Color 90–180 Color Filter Emulation 181–219 Reserved 220–224 DualSource Macro 1 225–229 DualSource Macro 2 230–234 DualSource Macro 3 235–239 DualSource Macro 4 240–244 DualSource Macro 5 245–249 DualSource Macro 6 250–254 DualSource Macro 7 255–255 Open
7	Color Mix Mode	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 Corrected 5–9 Smooth Linear 10–14 Halogen Gamma Corrected 15–19 Halogen Linear 20–24 Fast Gamma Corrected 25–29 Fast Linear 30–34 Ext - Smooth Gamma Corrected 35–39 Ext - Smooth Linear 40–44 Ext - Halogen Gamma Corrected 45–49 Ext - Halogen Linear 50–54 Ext - Fast Gamma Corrected 55–59 Ext - Fast Linear 60–255 Reserved
10	C TC	0	0–0 5600K 1–4 RAW 5–254 2000K 255–255 10000K
11	Color Calibration Mode	0	0–127 SGM Standard 128–255 SGM Versapath
12	Red	255	

36 Channel Studio (continued)

Ch	Function	Default	DMX values
13	Red Fine	255	Fine byte of Red
14	Green	255	
15	Green Fine	255	Fine byte of Green
16	Blue	255	
17	Blue Fine	255	Fine byte of Blue
18	White	255	
19	White Fine	255	Fine byte of White
20	L EDFrequency	0	0–4 Default 5–254 Min 255–255 Max
21	Function	0	0–9 Not Active 10–19 Mode 1 20–29 Mode 2 30–39 Mode 3 40–49 Mode 4 50–59 Mode 5 60–69 Mode 6 70–79 Mode 7 80–255 Not Active
22	Dimmer	0	
23	Dimmer Fine	0	Fine byte of Dimmer
24	Strobe Duration	0	0–254 Short 255–255 Long
25	Strobe Rate	0	0–254 Slow 255–255 Fast
26	Shutter3Strobe Effect	0	0–9 Strobe 10–19 Random Pixel 20–29 Strobe Turn Off Panel 30–39 Random Strobe 40–49 Random Strobe Turn Off Panel 50–59 Flicker 60–69 Lightning 70–79 Spikes 80–89 Random Blind 90–99 Halogen Decay 100–109 Halogen Attack Decay 110–119 Halogen Attack 120–129 Random Pixel Pulse 130–139 Random Intensity Strobe 140–219 Reserved 220–220 1-0 221–221 0-1 222–222 1-1 223–223 0-0 224–250 Reserved 251–255 No Effect
27	Dimmer	0	
28	Dimmer Fine	0	Fine byte of Dimmer
29	Strobe Duration	0	0–254 Short 255–255 Long
30	Strobe Rate	0	0–254 Slow 255–255 Fast

36 Channel Studio (continued)

Ch	Function	Default	DMX values
31	Shutter3Strobe Effect	0	0–9 Strobe 10–19 Random Pixel 20–29 Strobe Turn Off Panel 30–39 Random Strobe 40–49 Random Strobe Turn Off Panel 50–59 Flicker 60–69 Lightning 70–79 Spikes 80–89 Random Blind 90–99 Halogen Decay 100–109 Halogen Attack Decay 110–119 Halogen Attack 120–129 Random Pixel Pulse 130–139 Random Intensity Strobe 140–219 Reserved 220–220 1-0 221–221 0-1 222–222 1-1 223–223 0-0 224–250 Reserved 251–255 No Effect
32	Dimmer	255	
33	Dimmer	255	
34	Dimmer	255	
35	Dimmer	255	
36	Fans	0	0–4 Default 5–254 Min 255–255 Max

41 Channel Extended

41 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–254 Short 255–255 Long
4	Strobe Rate	0	0–254 Slow 255–255 Fast

41 Channel Extended (continued)

Ch	Function	Default	DMX values
5	Shutter1Strobe Effect	0	0–5 No Effect 6–10 Flicker 11–15 Random Pixel 16–20 Random Strobe 21–25 Flicker Individual Color 26–30 Random Strobe Color 31–35 Random Spike Color 36–40 Random Spike Pixel 41–45 Pre-Red 46–50 Pre-Green 51–55 Pre-Blue 56–60 RGB Flicker 61–65 Lightning 66–70 Circle RGB 71–75 Fire 76–80 Ice 81–85 Magenta-Red-Blue 86–90 Random Color Fade Pixel 91–95 Circle CW 96–100 Circle CCW 101–105 Scroll Down 106–110 Scroll Up 111–115 Scroll Up-Down 116–120 Effect Pixel 1-4 121–121 1-0-0-0 122–122 0-1-0-0 123–123 1-1-0-0 124–124 0-0-1-0 125–125 1-0-1-0 126–126 0-1-1-0 127–127 1-1-1-0 128–128 0-0-0-1 129–129 1-0-0-1 130–130 0-1-0-1 131–131 1-1-0-1 132–132 0-0-1-1 133–133 1-0-1-1 134–134 0-1-1-1 135–135 1-1-1-1 136–136 0-0-0-0 137–250 Reserved 251–255 No Effect
6	Red	255	
7	Green	255	
8	Blue	255	
9	White	255	
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	255	
14	Red	255	
15	Green	255	
16	Blue	255	
17	White	255	
18	Red	255	
19	Green	255	
20	Blue	255	

41 Channel Extended (continued)

Ch	Function	Default	DMX values
21	White	255	
22	Red	255	
23	Green	255	
24	Blue	255	
25	White	255	
26	L EDFrequency	0	0–4 Default 5–254 Min 255–255 Max
27	Dimmer Curve	0	0–4 Smooth Gamma Corrected 5–9 Smooth Linear 10–14 Halogen Gamma Corrected 15–19 Halogen Linear 20–24 Fast Gamma Corrected 25–29 Fast Linear 30–34 Ext - Smooth Gamma Corrected 35–39 Ext - Smooth Linear 40–44 Ext - Halogen Gamma Corrected 45–49 Ext - Halogen Linear 50–54 Ext - Fast Gamma Corrected 55–59 Ext - Fast Linear 60–255 Reserved
28	Dimmer	0	
29	Dimmer Fine	0	Fine byte of Dimmer
30	Strobe Duration	0	0–254 Short 255–255 Long
31	Strobe Rate	0	0–254 Slow 255–255 Fast
32	Shutter3Strobe Effect	0	0–9 Strobe 10–19 Random Pixel 20–29 Strobe Turn Off Panel 30–39 Random Strobe 40–49 Random Strobe Turn Off Panel 50–59 Flicker 60–69 Lightning 70–79 Spikes 80–89 Random Blind 90–99 Halogen Decay 100–109 Halogen Attack Decay 110–119 Halogen Attack 120–129 Random Pixel Pulse 130–139 Random Intensity Strobe 140–219 Reserved 220–220 1-0 221–221 0-1 222–222 1-1 223–223 0-0 224–250 Reserved 251–255 No Effect
33	Dimmer	0	
34	Dimmer Fine	0	Fine byte of Dimmer
35	Strobe Duration	0	0–254 Short 255–255 Long
36	Strobe Rate	0	0–254 Slow 255–255 Fast

41 Channel Extended (continued)

Ch	Function	Default	DMX values
37	Shutter3Strobe Effect	0	0–9 Strobe 10–19 Random Pixel 20–29 Strobe Turn Off Panel 30–39 Random Strobe 40–49 Random Strobe Turn Off Panel 50–59 Flicker 60–69 Lightning 70–79 Spikes 80–89 Random Blind 90–99 Halogen Decay 100–109 Halogen Attack Decay 110–119 Halogen Attack 120–129 Random Pixel Pulse 130–139 Random Intensity Strobe 140–219 Reserved 220–220 1-0 221–221 0-1 222–222 1-1 223–223 0-0 224–250 Reserved 251–255 No Effect
38	Dimmer	255	
39	Dimmer	255	
40	Dimmer	255	
41	Dimmer	255	

52 Channel Extended +

52 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–254 Short 255–255 Long
4	Strobe Rate	0	0–254 Slow 255–255 Fast

52 Channel Extended + (continued)

Ch	Function	Default	DMX values
5	Shutter1Strobe Effect	0	0–5 No Effect 6–10 Flicker 11–15 Random Pixel 16–20 Random Strobe 21–25 Flicker Individual Color 26–30 Random Strobe Color 31–35 Random Spike Color 36–40 Random Spike Pixel 41–45 Pre-Red 46–50 Pre-Green 51–55 Pre-Blue 56–60 RGB Flicker 61–65 Lightning 66–70 Circle RGB 71–75 Fire 76–80 Ice 81–85 Magenta-Red-Blue 86–90 Random Color Fade Pixel 91–95 Circle CW 96–100 Circle CCW 101–105 Scroll Down 106–110 Scroll Up 111–115 Scroll Up-Down 116–120 Effect Pixel 1-4 121–121 1-0-0-0 122–122 0-1-0-0 123–123 1-1-0-0 124–124 0-0-1-0 125–125 1-0-1-0 126–126 0-1-1-0 127–127 1-1-1-0 128–128 0-0-0-1 129–129 1-0-0-1 130–130 0-1-0-1 131–131 1-1-0-1 132–132 0-0-1-1 133–133 1-0-1-1 134–134 0-1-1-1 135–135 1-1-1-1 136–136 0-0-0-0 137–250 Reserved 251–255 No Effect

52 Channel Extended + (continued)

Ch	Function	Default	DMX values
6	Color Macro1	0	0–4 Open 5–9 Congo 10–14 Red 15–19 Green 20–24 Blue 25–29 Orange 30–34 Light Green 35–39 Pink 40–44 Light Blue 45–49 Purple 50–54 Neon Green 55–59 Magenta 60–64 Cyan 65–69 Yellow 70–74 CTC 75–78 Color Scroll CCW (Fast) 79–79 Color Scroll CCW (Slow) 80–83 Color Scroll CW (Slow) 84–84 Color Scroll CW (Fast) 85–89 Random Color 90–180 Color Filter Emulation 181–199 Minus Green 200–200 Neutral 201–219 Plus Green 220–224 DualSource Macro 1 225–229 DualSource Macro 2 230–234 DualSource Macro 3 235–239 DualSource Macro 4 240–244 DualSource Macro 5 245–249 DualSource Macro 6 250–254 DualSource Macro 7 255–255 Open
7	C TC	0	0–0 5600K 1–4 RAW 5–254 2000K 255–255 10000K
8	Color Calibration Mode	0	0–127 SGM Standard 128–255 SGM Versapath
9	Red	255	
10	Green	255	
11	Blue	255	
12	Red	255	
13	Red Fine	255	Fine byte of Red
14	Green	255	
15	Green Fine	255	Fine byte of Green
16	Blue	255	
17	Blue Fine	255	Fine byte of Blue
18	Red	255	
19	Red Fine	255	Fine byte of Red
20	Green	255	
21	Green Fine	255	Fine byte of Green
22	Blue	255	
23	Blue Fine	255	Fine byte of Blue
24	Red	255	
25	Red Fine	255	Fine byte of Red

52 Channel Extended + (continued)

Ch	Function	Default	DMX values
26	Green	255	
27	Green Fine	255	Fine byte of Green
28	Blue	255	
29	Blue Fine	255	Fine byte of Blue
30	Red	255	
31	Red Fine	255	Fine byte of Red
32	Green	255	
33	Green Fine	255	Fine byte of Green
34	Blue	255	
35	Blue Fine	255	Fine byte of Blue
36	L EDFrequency	0	0–4 Default 5–254 Min 255–255 Max
37	Dimmer Curve	0	0–4 Smooth Gamma Corrected 5–9 Smooth Linear 10–14 Halogen Gamma Corrected 15–19 Halogen Linear 20–24 Fast Gamma Corrected 25–29 Fast Linear 30–34 Ext - Smooth Gamma Corrected 35–39 Ext - Smooth Linear 40–44 Ext - Halogen Gamma Corrected 45–49 Ext - Halogen Linear 50–54 Ext - Fast Gamma Corrected 55–59 Ext - Fast Linear 60–255 Reserved
38	Dimmer	0	
39	Dimmer Fine	0	Fine byte of Dimmer
40	Strobe Duration	0	0–254 Short 255–255 Long
41	Strobe Rate	0	0–254 Slow 255–255 Fast
42	Shutter3Strobe Effect	0	0–9 Strobe 10–19 Random Pixel 20–29 Strobe Turn Off Panel 30–39 Random Strobe 40–49 Random Strobe Turn Off Panel 50–59 Flicker 60–69 Lightning 70–79 Spikes 80–89 Random Blind 90–99 Halogen Decay 100–109 Halogen Attack Decay 110–119 Halogen Attack 120–129 Random Pixel Pulse 130–139 Random Intensity Strobe 140–219 Reserved 220–220 1-0 221–221 0-1 222–222 1-1 223–223 0-0 224–250 Reserved 251–255 No Effect
43	Dimmer	0	
44	Dimmer Fine	0	Fine byte of Dimmer

52 Channel Extended + (continued)

Ch	Function	Default	DMX values
45	Strobe Duration	0	0–254 Short 255–255 Long
46	Strobe Rate	0	0–254 Slow 255–255 Fast
47	Shutter3Strobe Effect	0	0–9 Strobe 10–19 Random Pixel 20–29 Strobe Turn Off Panel 30–39 Random Strobe 40–49 Random Strobe Turn Off Panel 50–59 Flicker 60–69 Lightning 70–79 Spikes 80–89 Random Blind 90–99 Halogen Decay 100–109 Halogen Attack Decay 110–119 Halogen Attack 120–129 Random Pixel Pulse 130–139 Random Intensity Strobe 140–219 Reserved 220–220 1-0 221–221 0-1 222–222 1-1 223–223 0-0 224–250 Reserved 251–255 No Effect
48	Dimmer	255	
49	Dimmer	255	
50	Dimmer	255	
51	Dimmer	255	
52	Fans	0	0–4 Default 5–254 Min 255–255 Max