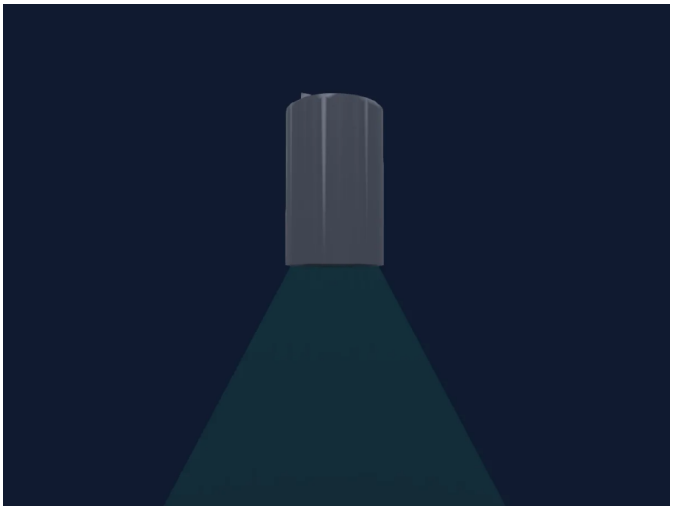
ROXX

FLEX



Manufacturer	**ROXX**
Type	**Effect light**
DMX modes	**14**
DMX footprint	**3, 6, 7, 8, 9, 10, 11, 19, 20, 21, 23, 28, 29, 80 channels**
Beam angle	**2.7-110°**
Heads / cells	**2**
Size (W × H × D)	**120 × 202 × 120 mm**
GDTF fixture type	**74C0A6FF-B97F-460A-A0F2-74…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions · Built-in effect programmes

DMX modes

3CH CCT	3 ch
6CH RGB	6 ch
7CH DIRECT	7 ch
8CH Color Macro	8 ch
9CH RGB	9 ch
10CH RGB	10 ch
11CH DIRECT	11 ch
19CH RGB	19 ch
20CH DIRECT	20 ch
21CH RGB	21 ch
23CH DIRECT	23 ch
28CH Pattern	28 ch
29CH PATTERN	29 ch
80CH Pixel	80 ch

3CH CCT

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	0	0–4 Default (5600K) 5–63 2000K 64–103 3200K 104–152 4000K 153–181 5000K 182–201 5600K 202–225 6000K 226–254 6500K 255–255 10000K
3	Tint	128	1–127 Magenta->Neutral 128–128 Neutral 129–255 Neutral->Green

6CH RGB

6 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Red	0	
5	Green	0	
6	Blue	0	

7CH DIRECT

7 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Color Add GY	0	
5	Red	0	
6	Green	0	
7	Blue	0	

8CH Color Macro

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

8CH Color Macro (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
3	Color Macro1	0	
4	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)
5	Dimmer	0	

8CH Color Macro (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
7	Color Macro1	0	
8	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)

9CH RGB

9 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	Red	0	
8	Green	0	
9	Blue	0	

10CH RGB

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

10CH RGB (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
3	Red	255	
4	Green	255	
5	Blue	255	
6	Dimmer	0	

10CH RGB (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
8	Red	255	
9	Green	255	
10	Blue	255	

11CH DIRECT

11 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	Color Add GY	0	
8	Color Add GY Fine	0	Fine byte of Color Add GY
9	Red	0	
10	Green	0	
11	Blue	0	

19CH RGB

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
3	Red	255	
4	Green	255	
5	Blue	255	
6	C TC	0	0–4 Default (5600K) 5–63 2000K 64–103 3200K 104–152 4000K 153–181 5000K 182–201 5600K 202–225 6000K 226–254 6500K 255–255 10000K
7	Color Macro1	0	
8	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)
9	Dimmer	0	

19CH RGB (continued)

Ch	Function	Default	DMX values
10	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
11	Red	255	
12	Green	255	
13	Blue	255	
14	C TC	0	0–4 Default (5600K) 5–63 2000K 64–103 3200K 104–152 4000K 153–181 5000K 182–201 5600K 202–225 6000K 226–254 6500K 255–255 10000K
15	Color Macro1	0	
16	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)

19CH RGB (continued)

Ch	Function	Default	DMX values
17	Effect	0	0–5 No Effect - Stop Program 6–11 7 Color Fade 12–17 7 Color Jump 18–23 15 Color Fade 24–29 15 Color Jump 30–35 Police Red + Blue 36–41 Police Blue 42–47 Candle Light 48–53 Fireworks 54–59 Red Carpet 60–65 Welding 66–71 7 Color Fade 72–77 7 Color Jump 78–83 15 Color Fade 84–89 15 Color Jump 90–95 7 Color Chase / Fade 96–101 7 Color Chase / Jump 102–107 15 Color Chase / Fade 108–113 15 Color Chase / Jump 114–119 Rainbow 120–125 Random Pixel Strobe - 10000K 126–131 Pixel Strobe - Random Color 132–137 Candle Light 138–143 Fire 144–149 Ice 150–155 Fireworks 156–161 Red Carpet 162–167 Welding 168–173 7 Color Fade / Uniform 174–179 7 Color Fade / Offset 180–185 7 Color Fade / Rainbow 186–191 7 Color Jump / Uniform 192–197 7 Color Jump / Offset 198–203 15 Color Fade / Uniform 204–209 15 Color Fade / Offset 210–215 15 Color Fade / Rainbow 216–221 15 Color Jump / Uniform 222–227 15 Color Jump / Offset 228–233 Fireworks 234–239 Red Carpet 240–245 Welding 246–255 Reserved
18	Effect Speed	0	0–5 Auto Program Stop 6–126 Forward (CW) - Fast to Slow 127–127 Stop 128–255 Backward (CCW) - Slow to Fast

19CH RGB (continued)

Ch	Function	Default	DMX values
19	Control1	0	30–34 Battery Runtime Off 35–39 Battery Runtime 8h 40–44 Battery Runtime 12h 45–49 Battery Runtime 16h 50–54 Battery Runtime 20h 55–64 Battery Runtime 24h 65–69 Display Backlight On 70–79 Display Backlight Off 80–84 DMX Fail - Blackout 85–89 DMX Fail - Hold 90–99 DMX Fail - Emergency Light 100–104 AC Fail - Hold 105–109 AC Fail - Blackout 110–119 AC Fail - Emergency Light 120–124 Linear Dimmer Curve 125–129 Exponential Dimmer Curve 130–134 Logarithmic Dimmer Curve 135–144 S-Curve Dimmer Curve 145–149 LED Dimmer Response 150–159 Halogen Dimmer Response 160–164 800Hz LED Frequency 165–169 1200Hz LED Frequency 170–174 2000Hz LED Frequency 175–179 3600Hz LED Frequency 180–184 12kHz LED Frequency 185–194 25kHz LED Frequency 195–199 Full Calibration 200–204 CCT Calibration 205–209 Factory Reset 210–244 User Reset (3s) 245–255 Snapshot (3s)

20CH DIRECT

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

20CH DIRECT (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
3	Red	255	
4	Green	255	
5	Blue	255	
6	Color Add GY	255	
7	C TC	0	0–4 Default (5600K) 5–63 2000K 64–103 3200K 104–152 4000K 153–181 5000K 182–201 5600K 202–225 6000K 226–254 6500K 255–255 10000K
8	Color Macro1	0	
9	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)
10	Dimmer	0	

20CH DIRECT (continued)

Ch	Function	Default	DMX values
11	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
12	Red	255	
13	Green	255	
14	Blue	255	
15	C TC	0	0–4 Default (5600K) 5–63 2000K 64–103 3200K 104–152 4000K 153–181 5000K 182–201 5600K 202–225 6000K 226–254 6500K 255–255 10000K
16	Color Macro1	0	
17	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)

20CH DIRECT (continued)

Ch	Function	Default	DMX values
18	Effect	0	0–5 No Effect - Stop Program 6–11 7 Color Fade 12–17 7 Color Jump 18–23 15 Color Fade 24–29 15 Color Jump 30–35 Police Red + Blue 36–41 Police Blue 42–47 Candle Light 48–53 Fireworks 54–59 Red Carpet 60–65 Welding 66–71 7 Color Fade 72–77 7 Color Jump 78–83 15 Color Fade 84–89 15 Color Jump 90–95 7 Color Chase / Fade 96–101 7 Color Chase / Jump 102–107 15 Color Chase / Fade 108–113 15 Color Chase / Jump 114–119 Rainbow 120–125 Random Pixel Strobe - 10000K 126–131 Pixel Strobe - Random Color 132–137 Candle Light 138–143 Fire 144–149 Ice 150–155 Fireworks 156–161 Red Carpet 162–167 Welding 168–173 7 Color Fade / Uniform 174–179 7 Color Fade / Offset 180–185 7 Color Fade / Rainbow 186–191 7 Color Jump / Uniform 192–197 7 Color Jump / Offset 198–203 15 Color Fade / Uniform 204–209 15 Color Fade / Offset 210–215 15 Color Fade / Rainbow 216–221 15 Color Jump / Uniform 222–227 15 Color Jump / Offset 228–233 Fireworks 234–239 Red Carpet 240–245 Welding 246–255 Reserved
19	Effect Speed	0	0–5 Auto Program Stop 6–126 Forward (CW) - Fast to Slow 127–127 Stop 128–255 Backward (CCW) - Slow to Fast

20CH DIRECT (continued)

Ch	Function	Default	DMX values
20	Control1	0	30–34 Battery Runtime Off 35–39 Battery Runtime 8h 40–44 Battery Runtime 12h 45–49 Battery Runtime 16h 50–54 Battery Runtime 20h 55–64 Battery Runtime 24h 65–69 Display Backlight On 70–79 Display Backlight Off 80–84 DMX Fail - Blackout 85–89 DMX Fail - Hold 90–99 DMX Fail - Emergency Light 100–104 AC Fail - Hold 105–109 AC Fail - Blackout 110–119 AC Fail - Emergency Light 120–124 Linear Dimmer Curve 125–129 Exponential Dimmer Curve 130–134 Logarithmic Dimmer Curve 135–144 S-Curve Dimmer Curve 145–149 LED Dimmer Response 150–159 Halogen Dimmer Response 160–164 800Hz LED Frequency 165–169 1200Hz LED Frequency 170–174 2000Hz LED Frequency 175–179 3600Hz LED Frequency 180–184 12kHz LED Frequency 185–194 25kHz LED Frequency 195–199 Full Calibration 200–204 CCT Calibration 205–209 Factory Reset 210–244 User Reset (3s) 245–255 Snapshot (3s)

21CH RGB

21 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

21CH RGB (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	C TC	0	0–4 Default (5600K) 5–63 2000K 64–103 3200K 104–152 4000K 153–181 5000K 182–201 5600K 202–225 6000K 226–254 6500K 255–255 10000K
11	Color Macro1	0	
12	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)
13	Dimmer	0	

21CH RGB (continued)

Ch	Function	Default	DMX values
14	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
15	Red	255	
16	Green	255	
17	Blue	255	
18	C TC	0	0–4 Default (5600K) 5–63 2000K 64–103 3200K 104–152 4000K 153–181 5000K 182–201 5600K 202–225 6000K 226–254 6500K 255–255 10000K
19	Color Macro1	0	
20	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)

21CH RGB (continued)

Ch	Function	Default	DMX values
21	Control1	0	30–34 Battery Runtime Off 35–39 Battery Runtime 8h 40–44 Battery Runtime 12h 45–49 Battery Runtime 16h 50–54 Battery Runtime 20h 55–64 Battery Runtime 24h 65–69 Display Backlight On 70–79 Display Backlight Off 80–84 DMX Fail - Blackout 85–89 DMX Fail - Hold 90–99 DMX Fail - Emergency Light 100–104 AC Fail - Hold 105–109 AC Fail - Blackout 110–119 AC Fail - Emergency Light 120–124 Linear Dimmer Curve 125–129 Exponential Dimmer Curve 130–134 Logarithmic Dimmer Curve 135–144 S-Curve Dimmer Curve 145–149 LED Dimmer Response 150–159 Halogen Dimmer Response 160–164 800Hz LED Frequency 165–169 1200Hz LED Frequency 170–174 2000Hz LED Frequency 175–179 3600Hz LED Frequency 180–184 12kHz LED Frequency 185–194 25kHz LED Frequency 195–199 Full Calibration 200–204 CCT Calibration 205–209 Factory Reset 210–244 User Reset (3s) 245–255 Snapshot (3s)

23CH DIRECT

23 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

23CH DIRECT (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add GY	255	
11	Color Add GY Fine	255	Fine byte of Color Add GY
12	C TC	0	0–4 Default (5600K) 5–63 2000K 64–103 3200K 104–152 4000K 153–181 5000K 182–201 5600K 202–225 6000K 226–254 6500K 255–255 10000K
13	Color Macro1	0	
14	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)
15	Dimmer	0	

23CH DIRECT (continued)

Ch	Function	Default	DMX values
16	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
17	Red	255	
18	Green	255	
19	Blue	255	
20	C TC	0	0–4 Default (5600K) 5–63 2000K 64–103 3200K 104–152 4000K 153–181 5000K 182–201 5600K 202–225 6000K 226–254 6500K 255–255 10000K
21	Color Macro1	0	
22	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)

23CH DIRECT (continued)

Ch	Function	Default	DMX values
23	Control1	0	30–34 Battery Runtime Off 35–39 Battery Runtime 8h 40–44 Battery Runtime 12h 45–49 Battery Runtime 16h 50–54 Battery Runtime 20h 55–64 Battery Runtime 24h 65–69 Display Backlight On 70–79 Display Backlight Off 80–84 DMX Fail - Blackout 85–89 DMX Fail - Hold 90–99 DMX Fail - Emergency Light 100–104 AC Fail - Hold 105–109 AC Fail - Blackout 110–119 AC Fail - Emergency Light 120–124 Linear Dimmer Curve 125–129 Exponential Dimmer Curve 130–134 Logarithmic Dimmer Curve 135–144 S-Curve Dimmer Curve 145–149 LED Dimmer Response 150–159 Halogen Dimmer Response 160–164 800Hz LED Frequency 165–169 1200Hz LED Frequency 170–174 2000Hz LED Frequency 175–179 3600Hz LED Frequency 180–184 12kHz LED Frequency 185–194 25kHz LED Frequency 195–199 Full Calibration 200–204 CCT Calibration 205–209 Factory Reset 210–244 User Reset (3s) 245–255 Snapshot (3s)

28CH Pattern

28 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

28CH Pattern (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
3	Red	255	
4	Green	255	
5	Blue	255	
6	C TC	0	0–4 Default (5600K) 5–63 2000K 64–103 3200K 104–152 4000K 153–181 5000K 182–201 5600K 202–225 6000K 226–254 6500K 255–255 10000K
7	Color Macro1	0	
8	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)
9	Dimmer	0	

28CH Pattern (continued)

Ch	Function	Default	DMX values
10	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
11	Red	255	
12	Green	255	
13	Blue	255	
14	C TC	0	0–4 Default (5600K) 5–63 2000K 64–103 3200K 104–152 4000K 153–181 5000K 182–201 5600K 202–225 6000K 226–254 6500K 255–255 10000K
15	Color Macro1	0	
16	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)

28CH Pattern (continued)

Ch	Function	Default	DMX values
17	Effect	0	0–5 No Effect 6–17 Effect Pattern 01 18–29 Effect Pattern 02 30–41 Effect Pattern 03 42–54 Effect Pattern 04 55–67 Effect Pattern 05 68–79 Effect Pattern 06 80–91 Effect Pattern 07 92–103 Effect Pattern 08 104–115 Effect Pattern 09 116–127 Effect Pattern 10 128–139 Effect Pattern 11 140–151 Effect Pattern 12 152–163 Effect Pattern 13 164–175 Effect Pattern 14 176–187 Effect Pattern 15 188–199 Effect Pattern 16 200–211 Effect Pattern 17 212–223 Effect Pattern 18 224–235 Effect Pattern 19 236–255 Effect Pattern 20
18	Effect Speed	0	0–5 Pattern Stop 6–125 Forward (CW) - Fast to Slow 126–127 Stop 128–255 Backward (CCW) - Slow to Fast
19	Effects1Fade	0	
20	Background Dimmer	0	
21	Background Shutter	20	
22	Background RED	255	
23	Background Green	255	
24	Background Blue	255	
25	Background CTC	0	0–4 Default (5600K) 5–63 2000K 64–103 3200K 104–152 4000K 153–181 5000K 182–201 5600K 202–225 6000K 226–254 6500K 255–255 10000K
26	Background Macro	0	
27	Background Macro Ratecolor Ma	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)

28CH Pattern (continued)

Ch	Function	Default	DMX values
28	Control1	0	30–34 Battery Runtime Off 35–39 Battery Runtime 8h 40–44 Battery Runtime 12h 45–49 Battery Runtime 16h 50–54 Battery Runtime 20h 55–64 Battery Runtime 24h 65–69 Display Backlight On 70–79 Display Backlight Off 80–84 DMX Fail - Blackout 85–89 DMX Fail - Hold 90–99 DMX Fail - Emergency Light 100–104 AC Fail - Hold 105–109 AC Fail - Blackout 110–119 AC Fail - Emergency Light 120–124 Linear Dimmer Curve 125–129 Exponential Dimmer Curve 130–134 Logarithmic Dimmer Curve 135–144 S-Curve Dimmer Curve 145–149 LED Dimmer Response 150–159 Halogen Dimmer Response 160–164 800Hz LED Frequency 165–169 1200Hz LED Frequency 170–174 2000Hz LED Frequency 175–179 3600Hz LED Frequency 180–184 12kHz LED Frequency 185–194 25kHz LED Frequency 195–199 Full Calibration 200–204 CCT Calibration 205–209 Factory Reset 210–244 User Reset (3s) 245–255 Snapshot (3s)

29CH PATTERN

29 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

29CH PATTERN (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
3	Red	255	
4	Green	255	
5	Blue	255	
6	Color Add GY	255	
7	C TC	0	0–4 Default (5600K) 5–63 2000K 64–103 3200K 104–152 4000K 153–181 5000K 182–201 5600K 202–225 6000K 226–254 6500K 255–255 10000K
8	Color Macro1	0	
9	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)
10	Dimmer	0	

29CH PATTERN (continued)

Ch	Function	Default	DMX values
11	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
12	Red	255	
13	Green	255	
14	Blue	255	
15	C TC	0	0–4 Default (5600K) 5–63 2000K 64–103 3200K 104–152 4000K 153–181 5000K 182–201 5600K 202–225 6000K 226–254 6500K 255–255 10000K
16	Color Macro1	0	
17	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)

29CH PATTERN (continued)

Ch	Function	Default	DMX values
18	Effect	0	0–5 No Effect 6–17 Effect Pattern 01 18–29 Effect Pattern 02 30–41 Effect Pattern 03 42–54 Effect Pattern 04 55–67 Effect Pattern 05 68–79 Effect Pattern 06 80–91 Effect Pattern 07 92–103 Effect Pattern 08 104–115 Effect Pattern 09 116–127 Effect Pattern 10 128–139 Effect Pattern 11 140–151 Effect Pattern 12 152–163 Effect Pattern 13 164–175 Effect Pattern 14 176–187 Effect Pattern 15 188–199 Effect Pattern 16 200–211 Effect Pattern 17 212–223 Effect Pattern 18 224–235 Effect Pattern 19 236–255 Effect Pattern 20
19	Effect Speed	0	0–5 Pattern Stop 6–125 Forward (CW) - Fast to Slow 126–127 Stop 128–255 Backward (CCW) - Slow to Fast
20	Effects1Fade	0	
21	Background Dimmer	0	
22	Background Shutter	20	
23	Background RED	255	
24	Background Green	255	
25	Background Blue	255	
26	Background CTC	0	0–4 Default (5600K) 5–63 2000K 64–103 3200K 104–152 4000K 153–181 5000K 182–201 5600K 202–225 6000K 226–254 6500K 255–255 10000K
27	Background Macro	0	
28	Background Macro Ratecolor Ma	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)

29CH PATTERN (continued)

Ch	Function	Default	DMX values
29	Control1	0	30–34 Battery Runtime Off 35–39 Battery Runtime 8h 40–44 Battery Runtime 12h 45–49 Battery Runtime 16h 50–54 Battery Runtime 20h 55–64 Battery Runtime 24h 65–69 Display Backlight On 70–79 Display Backlight Off 80–84 DMX Fail - Blackout 85–89 DMX Fail - Hold 90–99 DMX Fail - Emergency Light 100–104 AC Fail - Hold 105–109 AC Fail - Blackout 110–119 AC Fail - Emergency Light 120–124 Linear Dimmer Curve 125–129 Exponential Dimmer Curve 130–134 Logarithmic Dimmer Curve 135–144 S-Curve Dimmer Curve 145–149 LED Dimmer Response 150–159 Halogen Dimmer Response 160–164 800Hz LED Frequency 165–169 1200Hz LED Frequency 170–174 2000Hz LED Frequency 175–179 3600Hz LED Frequency 180–184 12kHz LED Frequency 185–194 25kHz LED Frequency 195–199 Full Calibration 200–204 CCT Calibration 205–209 Factory Reset 210–244 User Reset (3s) 245–255 Snapshot (3s)

80CH Pixel

80 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

80CH Pixel (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
3	Red	255	
4	Green	255	
5	Blue	255	
6	Dimmer	0	

80CH Pixel (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	20	0–23 Close 24–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Burst Pulse · Fast 9–7.14 Hz 184–184 Burst Pulse · Slow 7 Hz 185–189 Open 7 190–203 Random Burst Pulse · Fast 9–7.14 Hz 204–204 Random Burst Pulse · Slow 7 Hz 205–209 Open 8 210–223 Sine Wave strobe · Fast 1.9–0.414 Hz 224–224 Sine Wave strobe · Slow 0.3 Hz 225–229 Open 9 230–243 Burst strobe · Fast 10–3.96 Hz 244–244 Burst strobe · Slow 3.5 Hz 245–255 Open 10
8	Red	255	
9	Green	255	
10	Blue	255	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	

80CH Pixel (continued)

Ch	Function	Default	DMX values
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	

80CH Pixel (continued)

Ch	Function	Default	DMX values
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Control1	0	