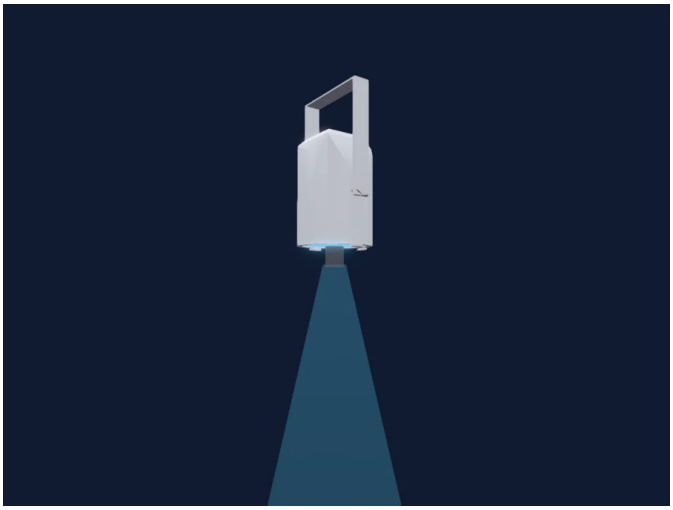
EK Lights

EC7 Par IP



Manufacturer	**EK Lights**
Type	**PAR**
DMX modes	**8**
DMX footprint	**5, 6, 8, 13, 14, 17 channels**
Beam angle	**3.6-50°**
Size (W × H × D)	**284 × 301 × 45 mm**
GDTF fixture type	**4A4F947A-4A6B-4C8E-A881-B6…**

Controls

Zoom · Extra LED colours · Hue and saturation · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

HSV	5 ch
6CH 1	6 ch
6CH 2	6 ch
8CH	8 ch
13CH 1	13 ch
13CH 2	13 ch
14CH	14 ch
17CH	17 ch

HSV

5 channels

Ch	Function	Default	DMX values
1	H SBHue	0	0–0 0 1–255 -25 >>> +25
2	H SBSaturation	0	0–0 Min 1–254 Min<Max 255–255 Max
3	H SBBrightness	0	0–0 Min 1–254 Min > Max 255–255 Max
4	Control1	0	0–7 NO FUNCTION 8–15 Dimmer Reset 16–23 On 24–31 Off 32–39 Dimmer Curve: S-Curve 40–47 Dimmer Curve:Linear 48–55 Dimmer Curve: Square 56–63 Dimmer Curve: Inverse Square 64–71 Dimmer Mode:Off 72–79 Dimmer Mode:1 80–87 Dimmer Mode:2 88–95 Dimmer Mode:3 96–103 Fan Auto 104–111 Fan On 112–119 Fan Off 120–127 Fan Silent 128–135 X-Fade Speed: OFF 136–143 X-Fade Speed: 1 144–151 X-Fade Speed: 2 152–159 X-Fade Speed: 3 160–167 X-Fade Speed: 4 168–172 PWM Frequency: 750 Hz 173–177 PWM Frequency: 1200 Hz 178–182 PWM Frequency: 2000 Hz 183–187 PWM Frequency: 4000 Hz 188–192 PWM Frequency: 6000 Hz 193–197 PWM Frequency: 25000 Hz 198–200 NO FUNCTION 201–220 Motor Reset 221–255 NO FUNCTION
5	Zoom	0	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide

6CH 1

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

6CH 1 (continued)

Ch	Function	Default	DMX values
2	Color Wheel	0	0–5 No Function (wheel slot 1) 6–13 C3050-Md Yellow (wheel slot 2) 14–21 C3040-Lt Yellow (wheel slot 3) 22–28 C3240-Amb Yellow (wheel slot 4) 29–35 C2340-VLt Amber (wheel slot 5) 36–43 C2040-Lt Amber (wheel slot 6) 44–51 C2050-Md Amber (wheel slot 7) 52–59 C2060-Dk Amber (wheel slot 8) 60–67 C1050-Lt Red (wheel slot 9) 68–75 C1080-Md Red (wheel slot 10) 76–83 C1020-NC Pink (wheel slot 11) 84–91 C1030-Md Pink (wheel slot 12) 92–99 C1630-Dk Pink (wheel slot 13) 100–107 C1250-Md Red Amber (wheel slot 14) 108–115 C1060-Dk Red Amber (wheel slot 15) 116–121 C1650-Magenta (wheel slot 16) 122–130 C6170-Dk Magenta (wheel slot 17) 131–138 C6020-Lt Lavender (wheel slot 18) 139–146 C5030-Lt Blue (wheel slot 19) 147–154 C5020-VLt Blue (wheel slot 20) 155–162 C5430-Lt Blue2 (wheel slot 21) 163–170 C5070-Blue (wheel slot 22) 171–178 C5050-Md Blue (wheel slot 23) 179–186 C5060-Dk Blue (wheel slot 24) 187–194 C5690-Indigo (wheel slot 25) 195–202 C5080-VDk Blue (wheel slot 26) 203–210 C5081-VdK Blue2 (wheel slot 27) 211–218 C4370-Yel Green (wheel slot 28) 219–226 C4070-Green (wheel slot 29) 227–234 C4550-Turquoise (wheel slot 30) 235–242 C4560-Aqua (wheel slot 31) 243–250 C4570-Blue Green (wheel slot 32) 251–255 No Function (wheel slot 33)

6CH 1 (continued)

Ch	Function	Default	DMX values
3	C TC	0	0–9 No Function 10–15 10000K - 9500K 16–20 9500K - 9000K 21–25 9000K - 8500K 26–30 8500K - 8000K 31–35 8000K - 7500K 36–40 7500K - 7000K 41–45 7000K - 6500K 46–50 6500K - 6400K 51–55 6400K - 6300K 56–60 6300K - 6200K 61–65 6200K - 6100K 66–70 6100K - 6000K 71–75 6000K - 5900K 76–80 5900K - 5800K 81–85 5800K - 5700K 86–90 5700K - 5600K 91–95 5600K - 5500K 96–100 5500K - 5400K 101–105 5400K - 5300K 106–110 5300K - 5200K 111–115 5200K - 5100K 116–120 5100K -5000K 121–125 5000K - 4900K 126–130 4900K - 4800K 131–135 4800K - 4700K 136–140 4700K - 4600K 141–145 4600K - 4500K 146–150 4500K - 4400K 151–155 4400K - 4300K 156–160 4300K - 4200K 161–165 4200K - 4100K 166–170 4100K - 4000K 171–175 4000K - 3900K 176–180 3900K - 3800K 181–185 3800K - 3700K 186–190 3700K - 3600K 191–195 3600K - 3500K 196–200 3500K - 3400K 201–205 3400K - 3300K 206–210 3300K - 3200K 211–215 3200K - 3100K 216–220 3100K - 3000K 221–225 3000K - 2900K 226–230 2900K - 2800K 231–255 2800K
4	H UE	0	0–0 0 1–255 -25 >>> +25

6CH 1 (continued)

Ch	Function	Default	DMX values
5	Control1	0	0–7 NO FUNCTION 8–15 Dimmer Reset 16–23 On 24–31 Off 32–39 Dimmer Curve: S-Curve 40–47 Dimmer Curve:Linear 48–55 Dimmer Curve: Square 56–63 Dimmer Curve: Inverse Square 64–71 Dimmer Mode:Off 72–79 Dimmer Mode:1 80–87 Dimmer Mode:2 88–95 Dimmer Mode:3 96–103 Fan Auto 104–111 Fan On 112–119 Fan Off 120–127 Fan Silent 128–135 X-Fade Speed: OFF 136–143 X-Fade Speed: 1 144–151 X-Fade Speed: 2 152–159 X-Fade Speed: 3 160–167 X-Fade Speed: 4 168–172 PWM Frequency: 750 Hz 173–177 PWM Frequency: 1200 Hz 178–182 PWM Frequency: 2000 Hz 183–187 PWM Frequency: 4000 Hz 188–192 PWM Frequency: 6000 Hz 193–197 PWM Frequency: 25000 Hz 198–200 NO FUNCTION 201–220 Motor Reset 221–255 NO FUNCTION
6	Zoom	0	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide

6CH 2

6 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	White	255	0–0 Min 1–254 Min<Max 255–255 Max

6CH 2 (continued)

Ch	Function	Default	DMX values
5	Control1	0	0–7 NO FUNCTION 8–15 Dimmer Reset 16–23 On 24–31 Off 32–39 Dimmer Curve: S-Curve 40–47 Dimmer Curve:Linear 48–55 Dimmer Curve: Square 56–63 Dimmer Curve: Inverse Square 64–71 Dimmer Mode:Off 72–79 Dimmer Mode:1 80–87 Dimmer Mode:2 88–95 Dimmer Mode:3 96–103 Fan Auto 104–111 Fan On 112–119 Fan Off 120–127 Fan Silent 128–135 X-Fade Speed: OFF 136–143 X-Fade Speed: 1 144–151 X-Fade Speed: 2 152–159 X-Fade Speed: 3 160–167 X-Fade Speed: 4 168–172 PWM Frequency: 750 Hz 173–177 PWM Frequency: 1200 Hz 178–182 PWM Frequency: 2000 Hz 183–187 PWM Frequency: 4000 Hz 188–192 PWM Frequency: 6000 Hz 193–197 PWM Frequency: 25000 Hz 198–200 NO FUNCTION 201–220 Motor Reset 221–255 NO FUNCTION
6	Zoom	0	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide

8CH

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Red	255	0–0 Min 1–254 Min<Max 255–255 Max
3	Green	255	0–0 Min 1–254 Min<Max 255–255 Max
4	Blue	255	0–0 Min 1–254 Min<Max 255–255 Max
5	White	255	0–0 Min 1–254 Min<Max 255–255 Max
6	Shutter / Strobe	0	0–10 Open 11–11 Strobe · Slow 1 Hz 12–254 Strobe · Slow to Fast 1.12–29.9 Hz 255–255 Strobe · Fast 30 Hz

8CH (continued)

Ch	Function	Default	DMX values
7	Control1	0	0–7 NO FUNCTION 8–15 Dimmer Reset 16–23 On 24–31 Off 32–39 Dimmer Curve: S-Curve 40–47 Dimmer Curve:Linear 48–55 Dimmer Curve: Square 56–63 Dimmer Curve: Inverse Square 64–71 Dimmer Mode:Off 72–79 Dimmer Mode:1 80–87 Dimmer Mode:2 88–95 Dimmer Mode:3 96–103 Fan Auto 104–111 Fan On 112–119 Fan Off 120–127 Fan Silent 128–135 X-Fade Speed: OFF 136–143 X-Fade Speed: 1 144–151 X-Fade Speed: 2 152–159 X-Fade Speed: 3 160–167 X-Fade Speed: 4 168–172 PWM Frequency: 750 Hz 173–177 PWM Frequency: 1200 Hz 178–182 PWM Frequency: 2000 Hz 183–187 PWM Frequency: 4000 Hz 188–192 PWM Frequency: 6000 Hz 193–197 PWM Frequency: 25000 Hz 198–200 NO FUNCTION 201–220 Motor Reset 221–255 NO FUNCTION
8	Zoom	0	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide

13CH 1

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–0 Min 1–254 Min<Max 255–255 Max
4	Green	255	0–0 Min 1–254 Min<Max 255–255 Max
5	Blue	255	0–0 Min 1–254 Min<Max 255–255 Max
6	White	255	0–0 Min 1–254 Min<Max 255–255 Max
7	Shutter / Strobe	0	0–10 Open 11–11 Strobe · Slow 1 Hz 12–254 Strobe · Slow to Fast 1.12–29.9 Hz 255–255 Strobe · Fast 30 Hz

13CH 1 (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–5 No Function (wheel slot 1) 6–13 C3050-Md Yellow (wheel slot 2) 14–21 C3040-Lt Yellow (wheel slot 3) 22–28 C3240-Amb Yellow (wheel slot 4) 29–35 C2340-VLt Amber (wheel slot 5) 36–43 C2040-Lt Amber (wheel slot 6) 44–51 C2050-Md Amber (wheel slot 7) 52–59 C2060-Dk Amber (wheel slot 8) 60–67 C1050-Lt Red (wheel slot 9) 68–75 C1080-Md Red (wheel slot 10) 76–83 C1020-NC Pink (wheel slot 11) 84–91 C1030-Md Pink (wheel slot 12) 92–99 C1630-Dk Pink (wheel slot 13) 100–107 C1250-Md Red Amber (wheel slot 14) 108–115 C1060-Dk Red Amber (wheel slot 15) 116–121 C1650-Magenta (wheel slot 16) 122–130 C6170-Dk Magenta (wheel slot 17) 131–138 C6020-Lt Lavender (wheel slot 18) 139–146 C5030-Lt Blue (wheel slot 19) 147–154 C5020-VLt Blue (wheel slot 20) 155–162 C5430-Lt Blue2 (wheel slot 21) 163–170 C5070-Blue (wheel slot 22) 171–178 C5050-Md Blue (wheel slot 23) 179–186 C5060-Dk Blue (wheel slot 24) 187–194 C5690-Indigo (wheel slot 25) 195–202 C5080-VDk Blue (wheel slot 26) 203–210 C5081-VdK Blue2 (wheel slot 27) 211–218 C4370-Yel Green (wheel slot 28) 219–226 C4070-Green (wheel slot 29) 227–234 C4550-Turquoise (wheel slot 30) 235–242 C4560-Aqua (wheel slot 31) 243–250 C4570-Blue Green (wheel slot 32) 251–255 No Function (wheel slot 33)

13CH 1 (continued)

Ch	Function	Default	DMX values
9	C TC	0	0–9 No Function 10–15 10000K - 9500K 16–20 9500K - 9000K 21–25 9000K - 8500K 26–30 8500K - 8000K 31–35 8000K - 7500K 36–40 7500K - 7000K 41–45 7000K - 6500K 46–50 6500K - 6400K 51–55 6400K - 6300K 56–60 6300K - 6200K 61–65 6200K - 6100K 66–70 6100K - 6000K 71–75 6000K - 5900K 76–80 5900K - 5800K 81–85 5800K - 5700K 86–90 5700K - 5600K 91–95 5600K - 5500K 96–100 5500K - 5400K 101–105 5400K - 5300K 106–110 5300K - 5200K 111–115 5200K - 5100K 116–120 5100K -5000K 121–125 5000K - 4900K 126–130 4900K - 4800K 131–135 4800K - 4700K 136–140 4700K - 4600K 141–145 4600K - 4500K 146–150 4500K - 4400K 151–155 4400K - 4300K 156–160 4300K - 4200K 161–165 4200K - 4100K 166–170 4100K - 4000K 171–175 4000K - 3900K 176–180 3900K - 3800K 181–185 3800K - 3700K 186–190 3700K - 3600K 191–195 3600K - 3500K 196–200 3500K - 3400K 201–205 3400K - 3300K 206–210 3300K - 3200K 211–215 3200K - 3100K 216–220 3100K - 3000K 221–225 3000K - 2900K 226–230 2900K - 2800K 231–255 2800K
10	H UE	0	0–0 0 1–255 -25 >>> +25
11	Crossfade	255	0–0 Min 1–254 Min>Max 255–255 Max

13CH 1 (continued)

Ch	Function	Default	DMX values
12	Control1	0	0–7 NO FUNCTION 8–15 Dimmer Reset 16–23 On 24–31 Off 32–39 Dimmer Curve: S-Curve 40–47 Dimmer Curve:Linear 48–55 Dimmer Curve: Square 56–63 Dimmer Curve: Inverse Square 64–71 Dimmer Mode:Off 72–79 Dimmer Mode:1 80–87 Dimmer Mode:2 88–95 Dimmer Mode:3 96–103 Fan Auto 104–111 Fan On 112–119 Fan Off 120–127 Fan Silent 128–135 X-Fade Speed: OFF 136–143 X-Fade Speed: 1 144–151 X-Fade Speed: 2 152–159 X-Fade Speed: 3 160–167 X-Fade Speed: 4 168–172 PWM Frequency: 750 Hz 173–177 PWM Frequency: 1200 Hz 178–182 PWM Frequency: 2000 Hz 183–187 PWM Frequency: 4000 Hz 188–192 PWM Frequency: 6000 Hz 193–197 PWM Frequency: 25000 Hz 198–200 NO FUNCTION 201–220 Motor Reset 221–255 NO FUNCTION
13	Zoom	0	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide

13CH 2

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	White	255	
10	White Fine	255	Fine byte of White
11	Shutter / Strobe	0	0–10 Open 11–11 Strobe · Slow 1 Hz 12–254 Strobe · Slow to Fast 1.12–29.9 Hz 255–255 Strobe · Fast 30 Hz

13CH 2 (continued)

Ch	Function	Default	DMX values
12	Control1	0	0–7 NO FUNCTION 8–15 Dimmer Reset 16–23 On 24–31 Off 32–39 Dimmer Curve: S-Curve 40–47 Dimmer Curve:Linear 48–55 Dimmer Curve: Square 56–63 Dimmer Curve: Inverse Square 64–71 Dimmer Mode:Off 72–79 Dimmer Mode:1 80–87 Dimmer Mode:2 88–95 Dimmer Mode:3 96–103 Fan Auto 104–111 Fan On 112–119 Fan Off 120–127 Fan Silent 128–135 X-Fade Speed: OFF 136–143 X-Fade Speed: 1 144–151 X-Fade Speed: 2 152–159 X-Fade Speed: 3 160–167 X-Fade Speed: 4 168–172 PWM Frequency: 750 Hz 173–177 PWM Frequency: 1200 Hz 178–182 PWM Frequency: 2000 Hz 183–187 PWM Frequency: 4000 Hz 188–192 PWM Frequency: 6000 Hz 193–197 PWM Frequency: 25000 Hz 198–200 NO FUNCTION 201–220 Motor Reset 221–255 NO FUNCTION
13	Zoom	0	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide

14CH

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Red	255	0–0 Min 1–254 Min<Max 255–255 Max
3	Green	255	0–0 Min 1–254 Min<Max 255–255 Max
4	Blue	255	0–0 Min 1–254 Min<Max 255–255 Max
5	White	255	0–0 Min 1–254 Min<Max 255–255 Max
6	Shutter / Strobe	0	0–10 Open 11–11 Strobe · Slow 1 Hz 12–254 Strobe · Slow to Fast 1.12–29.9 Hz 255–255 Strobe · Fast 30 Hz

14CH (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–5 No Function (wheel slot 1) 6–13 C3050-Md Yellow (wheel slot 2) 14–21 C3040-Lt Yellow (wheel slot 3) 22–28 C3240-Amb Yellow (wheel slot 4) 29–35 C2340-VLt Amber (wheel slot 5) 36–43 C2040-Lt Amber (wheel slot 6) 44–51 C2050-Md Amber (wheel slot 7) 52–59 C2060-Dk Amber (wheel slot 8) 60–67 C1050-Lt Red (wheel slot 9) 68–75 C1080-Md Red (wheel slot 10) 76–83 C1020-NC Pink (wheel slot 11) 84–91 C1030-Md Pink (wheel slot 12) 92–99 C1630-Dk Pink (wheel slot 13) 100–107 C1250-Md Red Amber (wheel slot 14) 108–115 C1060-Dk Red Amber (wheel slot 15) 116–121 C1650-Magenta (wheel slot 16) 122–130 C6170-Dk Magenta (wheel slot 17) 131–138 C6020-Lt Lavender (wheel slot 18) 139–146 C5030-Lt Blue (wheel slot 19) 147–154 C5020-VLt Blue (wheel slot 20) 155–162 C5430-Lt Blue2 (wheel slot 21) 163–170 C5070-Blue (wheel slot 22) 171–178 C5050-Md Blue (wheel slot 23) 179–186 C5060-Dk Blue (wheel slot 24) 187–194 C5690-Indigo (wheel slot 25) 195–202 C5080-VDk Blue (wheel slot 26) 203–210 C5081-VdK Blue2 (wheel slot 27) 211–218 C4370-Yel Green (wheel slot 28) 219–226 C4070-Green (wheel slot 29) 227–234 C4550-Turquoise (wheel slot 30) 235–242 C4560-Aqua (wheel slot 31) 243–250 C4570-Blue Green (wheel slot 32) 251–255 No Function (wheel slot 33)

14CH (continued)

Ch	Function	Default	DMX values
8	C TC	0	0–9 No Function 10–15 10000K - 9500K 16–20 9500K - 9000K 21–25 9000K - 8500K 26–30 8500K - 8000K 31–35 8000K - 7500K 36–40 7500K - 7000K 41–45 7000K - 6500K 46–50 6500K - 6400K 51–55 6400K - 6300K 56–60 6300K - 6200K 61–65 6200K - 6100K 66–70 6100K - 6000K 71–75 6000K - 5900K 76–80 5900K - 5800K 81–85 5800K - 5700K 86–90 5700K - 5600K 91–95 5600K - 5500K 96–100 5500K - 5400K 101–105 5400K - 5300K 106–110 5300K - 5200K 111–115 5200K - 5100K 116–120 5100K -5000K 121–125 5000K - 4900K 126–130 4900K - 4800K 131–135 4800K - 4700K 136–140 4700K - 4600K 141–145 4600K - 4500K 146–150 4500K - 4400K 151–155 4400K - 4300K 156–160 4300K - 4200K 161–165 4200K - 4100K 166–170 4100K - 4000K 171–175 4000K - 3900K 176–180 3900K - 3800K 181–185 3800K - 3700K 186–190 3700K - 3600K 191–195 3600K - 3500K 196–200 3500K - 3400K 201–205 3400K - 3300K 206–210 3300K - 3200K 211–215 3200K - 3100K 216–220 3100K - 3000K 221–225 3000K - 2900K 226–230 2900K - 2800K 231–255 2800K
9	H UE	0	0–0 0 1–255 -25 >>> +25
10	Crossfade	255	0–0 Min 1–254 Min>Max 255–255 Max
11	Auto Programs	0	0–10 No Function 11–60 Auto Program 1 61–110 Auto Program 2 111–160 Auto Program 3 161–210 Auto Program 4 211–255 Auto Program 1-4
12	Auto Program Speed	0	0–0 Min 1–254 Min > Max 255–255 Max

14CH (continued)

Ch	Function	Default	DMX values
13	Control1	0	0–7 NO FUNCTION 8–15 Dimmer Reset 16–23 On 24–31 Off 32–39 Dimmer Curve: S-Curve 40–47 Dimmer Curve:Linear 48–55 Dimmer Curve: Square 56–63 Dimmer Curve: Inverse Square 64–71 Dimmer Mode:Off 72–79 Dimmer Mode:1 80–87 Dimmer Mode:2 88–95 Dimmer Mode:3 96–103 Fan Auto 104–111 Fan On 112–119 Fan Off 120–127 Fan Silent 128–135 X-Fade Speed: OFF 136–143 X-Fade Speed: 1 144–151 X-Fade Speed: 2 152–159 X-Fade Speed: 3 160–167 X-Fade Speed: 4 168–172 PWM Frequency: 750 Hz 173–177 PWM Frequency: 1200 Hz 178–182 PWM Frequency: 2000 Hz 183–187 PWM Frequency: 4000 Hz 188–192 PWM Frequency: 6000 Hz 193–197 PWM Frequency: 25000 Hz 198–200 NO FUNCTION 201–220 Motor Reset 221–255 NO FUNCTION
14	Zoom	0	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide

17CH

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	White	255	
10	White Fine	255	Fine byte of White
11	Shutter / Strobe	0	0–10 Open 11–11 Strobe · Slow 1 Hz 12–254 Strobe · Slow to Fast 1.12–29.9 Hz 255–255 Strobe · Fast 30 Hz

17CH (continued)

Ch	Function	Default	DMX values
12	Color Wheel	0	0–5 No Function (wheel slot 1) 6–13 C3050-Md Yellow (wheel slot 2) 14–21 C3040-Lt Yellow (wheel slot 3) 22–28 C3240-Amb Yellow (wheel slot 4) 29–35 C2340-VLt Amber (wheel slot 5) 36–43 C2040-Lt Amber (wheel slot 6) 44–51 C2050-Md Amber (wheel slot 7) 52–59 C2060-Dk Amber (wheel slot 8) 60–67 C1050-Lt Red (wheel slot 9) 68–75 C1080-Md Red (wheel slot 10) 76–83 C1020-NC Pink (wheel slot 11) 84–91 C1030-Md Pink (wheel slot 12) 92–99 C1630-Dk Pink (wheel slot 13) 100–107 C1250-Md Red Amber (wheel slot 14) 108–115 C1060-Dk Red Amber (wheel slot 15) 116–121 C1650-Magenta (wheel slot 16) 122–130 C6170-Dk Magenta (wheel slot 17) 131–138 C6020-Lt Lavender (wheel slot 18) 139–146 C5030-Lt Blue (wheel slot 19) 147–154 C5020-VLt Blue (wheel slot 20) 155–162 C5430-Lt Blue2 (wheel slot 21) 163–170 C5070-Blue (wheel slot 22) 171–178 C5050-Md Blue (wheel slot 23) 179–186 C5060-Dk Blue (wheel slot 24) 187–194 C5690-Indigo (wheel slot 25) 195–202 C5080-VDk Blue (wheel slot 26) 203–210 C5081-VdK Blue2 (wheel slot 27) 211–218 C4370-Yel Green (wheel slot 28) 219–226 C4070-Green (wheel slot 29) 227–234 C4550-Turquoise (wheel slot 30) 235–242 C4560-Aqua (wheel slot 31) 243–250 C4570-Blue Green (wheel slot 32) 251–255 No Function (wheel slot 33)

17CH (continued)

Ch	Function	Default	DMX values
13	C TC	0	0–9 No Function 10–15 10000K - 9500K 16–20 9500K - 9000K 21–25 9000K - 8500K 26–30 8500K - 8000K 31–35 8000K - 7500K 36–40 7500K - 7000K 41–45 7000K - 6500K 46–50 6500K - 6400K 51–55 6400K - 6300K 56–60 6300K - 6200K 61–65 6200K - 6100K 66–70 6100K - 6000K 71–75 6000K - 5900K 76–80 5900K - 5800K 81–85 5800K - 5700K 86–90 5700K - 5600K 91–95 5600K - 5500K 96–100 5500K - 5400K 101–105 5400K - 5300K 106–110 5300K - 5200K 111–115 5200K - 5100K 116–120 5100K -5000K 121–125 5000K - 4900K 126–130 4900K - 4800K 131–135 4800K - 4700K 136–140 4700K - 4600K 141–145 4600K - 4500K 146–150 4500K - 4400K 151–155 4400K - 4300K 156–160 4300K - 4200K 161–165 4200K - 4100K 166–170 4100K - 4000K 171–175 4000K - 3900K 176–180 3900K - 3800K 181–185 3800K - 3700K 186–190 3700K - 3600K 191–195 3600K - 3500K 196–200 3500K - 3400K 201–205 3400K - 3300K 206–210 3300K - 3200K 211–215 3200K - 3100K 216–220 3100K - 3000K 221–225 3000K - 2900K 226–230 2900K - 2800K 231–255 2800K
14	H UE	0	0–0 0 1–255 -25 >>> +25
15	Crossfade	255	0–0 Min 1–254 Min>Max 255–255 Max

17CH (continued)

Ch	Function	Default	DMX values
16	Control1	0	0–7 NO FUNCTION 8–15 Dimmer Reset 16–23 On 24–31 Off 32–39 Dimmer Curve: S-Curve 40–47 Dimmer Curve:Linear 48–55 Dimmer Curve: Square 56–63 Dimmer Curve: Inverse Square 64–71 Dimmer Mode:Off 72–79 Dimmer Mode:1 80–87 Dimmer Mode:2 88–95 Dimmer Mode:3 96–103 Fan Auto 104–111 Fan On 112–119 Fan Off 120–127 Fan Silent 128–135 X-Fade Speed: OFF 136–143 X-Fade Speed: 1 144–151 X-Fade Speed: 2 152–159 X-Fade Speed: 3 160–167 X-Fade Speed: 4 168–172 PWM Frequency: 750 Hz 173–177 PWM Frequency: 1200 Hz 178–182 PWM Frequency: 2000 Hz 183–187 PWM Frequency: 4000 Hz 188–192 PWM Frequency: 6000 Hz 193–197 PWM Frequency: 25000 Hz 198–200 NO FUNCTION 201–220 Motor Reset 221–255 NO FUNCTION
17	Zoom	0	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide