Cameo

PIXBAR SMD Short IP-G2



Manufacturer	**Cameo**
Type	**Moving head**
DMX modes	**15**
DMX footprint	**6, 7, 8, 9, 13, 23, 25, 29, 34, 49, 53, 58 channels**
Beam angle	**61-73°**
Tilt range	**220°**
Heads / cells	**2**
Size (W × H × D)	**500 × 105 × 90 mm**
GDTF fixture type	**C790BBDF-238E-4B6F-9874-DD…**

Controls

RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control

Safety-relevant functions

Service functions

DMX modes

27CHx Strobe RGB Pixel	6 ch
51CH Strobe RGB Pixel	6 ch
6CH Direkt	6 ch
D7CH Direkt	7 ch
D8CH Strobe	8 ch
9CH Strobe	9 ch
13CH Direct	13 ch
23CH Pattern	23 ch
32CH Pixel	25 ch
29CH Pattern	29 ch
36CH Pixel DIM	29 ch
41CH Pixel Strobe	34 ch
56CH Pixel	49 ch
60CH Pixel DIM	53 ch
65CH Pixel Strobe	58 ch

27CHx Strobe RGB Pixel

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
3	Strobe Duration	127	
4	Red	255	
5	Green	255	
6	Blue	255	

51CH Strobe RGB Pixel

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
3	Strobe Duration	127	
4	Red	255	

51CH Strobe RGB Pixel (continued)

Ch	Function	Default	DMX values
5	Green	255	
6	Blue	255	

6CH Direkt

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
3	Red	255	
4	Green	255	
5	Blue	255	
6	Dimmer	0	0–254 Closed 255–255 Open

D7CH Direkt

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

D7CH Direkt (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
3	Red	255	
4	Green	255	
5	Blue	255	
6	Dimmer	0	0–254 Closed 255–255 Open
7	D MXInput	0	0–5 Off 6–255 01 s to 2 secound

D8CH Strobe

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
3	Red	255	

D8CH Strobe (continued)

Ch	Function	Default	DMX values
4	Green	255	
5	Blue	255	
6	Dimmer	0	0–254 Closed 255–255 Open
7	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
8	D MXInput	0	0–5 Off 6–255 01 s to 2 secound

9CH Strobe

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
3	Strobe Duration	127	
4	Red	255	
5	Green	255	

9CH Strobe (continued)

Ch	Function	Default	DMX values
6	Blue	255	
7	Dimmer	0	0–254 Closed 255–255 Open
8	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
9	Strobe Duration	127	

13CH Direct

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
3	Strobe Duration	127	
4	Red	255	
5	Green	255	
6	Blue	255	

13CH Direct (continued)

Ch	Function	Default	DMX values
7	C TC	0	0–5 Off 6–46 Warm white to 2700K 47–47 Bulb white (2700K) 48–87 2700K to 3200K 88–88 Halogen white (3200K) 89–128 3200K to 4000K 129–129 Neutral white (4000K) 130–169 4000K to 5600K 170–170 Studio white (5600K) 171–210 5600K to 6500K 211–211 Daylight white (6500K) 212–251 6500K to Cold white 252–255 Cold white

13CH Direct (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–5 No function (wheel slot 1) 6–9 46 Dark Magenta (wheel slot 2) 10–13 29 Plasa Red (wheel slot 3) 14–17 26 Bright Red (wheel slot 4) 18–21 127 Smokey Pink (wheel slot 5) 22–25 36 Medium Pink (wheel slot 6) 26–29 19 Fire (wheel slot 7) 30–33 135 Deep Golden Amber (wheel slot 8) 34–37 778 Millennium Gold (wheel slot 9) 38–41 21 Gold Amber (wheel slot 10) 42–45 157 Pink (wheel slot 11) 46–49 110 Middle Rose (wheel slot 12) 50–53 109 Light Salmon (wheel slot 13) 54–57 35 Light Pink (wheel slot 14) 58–61 134 Golden Amber (wheel slot 15) 62–65 17 Surprise Peach (wheel slot 16) 66–69 746 Brown (wheel slot 17) 70–73 105 Orange (wheel slot 18) 74–77 20 Medium Amber (wheel slot 19) 78–81 768 Egg Yolk Yellow (wheel slot 20) 82–85 15 Deep Straw (wheel slot 21) 86–89 767 Nectarine (wheel slot 22) 90–93 101 Yellow (wheel slot 23) 94–97 100 Spring Yellow (wheel slot 24) 98–101 88 Lime Green (wheel slot 25) 102–105 121 LEE Green (wheel slot 26) 106–109 738 Jas Green (wheel slot 27) 110–113 89 Moss Green (wheel slot 28) 114–117 139 Primary Green (wheel slot 29) 118–121 124 Dark Green (wheel slot 30) 122–125 323 Jade (wheel slot 31) 126–129 354 Special Steel Blue (wheel slot 32) 130–133 116 Medium Blue-Green (wheel slot 33) 134–137 183 Moonlight Blue (wheel slot 34) 138–141 132 Medium Blue (wheel slot 35) 142–145 119 Dark Blue (wheel slot 36) 146–149 716 Mikkel Blue (wheel slot 37) 150–153 71 Tokyo Blue (wheel slot 38) 154–157 181 Congo Blue (wheel slot 39) 158–161 799 Special KH Lavender (wheel slot 40) 162–165 707 Ultimate Violet (wheel slot 41) 166–169 343 Special Medium Lavender (wheel slot 42) 170–173 798 Chrysalis Pink (wheel slot 43) 174–177 701 Provence (wheel slot 44) 178–181 797 Deep Purple (wheel slot 45) 182–185 48 Rose Purple (wheel slot 46) 186–189 345 Fuchsia Pink (wheel slot 47) 190–193 795 Magical Magenta (wheel slot 48) 194–197 128 Bright Pink (wheel slot 49) 198–201 2 Rose Pink (wheel slot 50) 202–207 User Color 1 (wheel slot 51) 208–213 User Color 2 (wheel slot 52) 214–219 User Color 3 (wheel slot 53) 220–225 User Color 4 (wheel slot 54) 226–231 User Color 5 (wheel slot 55) 232–237 User Color 6 (wheel slot 56) 238–243 User Color 7 (wheel slot 57) 244–249 User Color 8 (wheel slot 58) 250–255 No function (wheel slot 1)

13CH Direct (continued)

Ch	Function	Default	DMX values
9	Color Mix MSpeed	0	0–5 0s 6–105 1/10s - 10s 106–214 11s - 119s 215–244 2m - 4m50s 245–255 5m - 15m
10	Dimmer	0	0–254 Closed 255–255 Open
11	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
12	Strobe Duration	127	
13	Control1	0	0–57 Control off 58–59 Off (hold 3s) 60–61 Vertical (hold 3s) 62–63 Horizontal (hold 3s) 64–65 Vertical and Horizontal (hold 3s) 66–73 No function 74–75 Dimmer Response LED (hold 3s) 76–77 Dimmer Response Halogen (hold 3s) 78–119 No function 120–121 PWM 650 Hz (hold 3s) 122–123 PWM 1530 Hz (hold 3s) 124–125 PWM 3600 Hz (hold 3s) 126–127 PWM 12000 Hz (hold 3s) 128–129 PWM 18900 Hz (hold 3s) 130–139 PWM 25 kHz (hold 3s) 140–141 Display on (Hold 3s) 142–143 Display off (Hold 3s) 144–163 No function 164–165 Dimmer Curve Linear (Hold 3s) 166–167 Dimmer Curve Exponential (Hold 3s) 168–169 Dimmer Curve Logarithmic (Hold 3s) 170–171 Dimmer Curve S-Curve (Hold 3s) 172–239 No function 240–241 Load Factory Defaults (hold 3s) 242–243 Load Factory Defaults (without User Colours) (hol... 244–245 Load User Default A (hold 3s) 246–247 Load User Default B (hold 3s) 248–249 Load User Default C (hold 3s) 250–255 No function

23CH Pattern

23 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
3	Red	255	
4	Green	255	
5	Blue	255	
6	C TC	0	0–5 Off 6–46 Warm white to 2700K 47–47 Bulb white (2700K) 48–87 2700K to 3200K 88–88 Halogen white (3200K) 89–128 3200K to 4000K 129–129 Neutral white (4000K) 130–169 4000K to 5600K 170–170 Studio white (5600K) 171–210 5600K to 6500K 211–211 Daylight white (6500K) 212–251 6500K to Cold white 252–255 Cold white

23CH Pattern (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–5 No function (wheel slot 1) 6–9 46 Dark Magenta (wheel slot 2) 10–13 29 Plasa Red (wheel slot 3) 14–17 26 Bright Red (wheel slot 4) 18–21 127 Smokey Pink (wheel slot 5) 22–25 36 Medium Pink (wheel slot 6) 26–29 19 Fire (wheel slot 7) 30–33 135 Deep Golden Amber (wheel slot 8) 34–37 778 Millennium Gold (wheel slot 9) 38–41 21 Gold Amber (wheel slot 10) 42–45 157 Pink (wheel slot 11) 46–49 110 Middle Rose (wheel slot 12) 50–53 109 Light Salmon (wheel slot 13) 54–57 35 Light Pink (wheel slot 14) 58–61 134 Golden Amber (wheel slot 15) 62–65 17 Surprise Peach (wheel slot 16) 66–69 746 Brown (wheel slot 17) 70–73 105 Orange (wheel slot 18) 74–77 20 Medium Amber (wheel slot 19) 78–81 768 Egg Yolk Yellow (wheel slot 20) 82–85 15 Deep Straw (wheel slot 21) 86–89 767 Nectarine (wheel slot 22) 90–93 101 Yellow (wheel slot 23) 94–97 100 Spring Yellow (wheel slot 24) 98–101 88 Lime Green (wheel slot 25) 102–105 121 LEE Green (wheel slot 26) 106–109 738 Jas Green (wheel slot 27) 110–113 89 Moss Green (wheel slot 28) 114–117 139 Primary Green (wheel slot 29) 118–121 124 Dark Green (wheel slot 30) 122–125 323 Jade (wheel slot 31) 126–129 354 Special Steel Blue (wheel slot 32) 130–133 116 Medium Blue-Green (wheel slot 33) 134–137 183 Moonlight Blue (wheel slot 34) 138–141 132 Medium Blue (wheel slot 35) 142–145 119 Dark Blue (wheel slot 36) 146–149 716 Mikkel Blue (wheel slot 37) 150–153 71 Tokyo Blue (wheel slot 38) 154–157 181 Congo Blue (wheel slot 39) 158–161 799 Special KH Lavender (wheel slot 40) 162–165 707 Ultimate Violet (wheel slot 41) 166–169 343 Special Medium Lavender (wheel slot 42) 170–173 798 Chrysalis Pink (wheel slot 43) 174–177 701 Provence (wheel slot 44) 178–181 797 Deep Purple (wheel slot 45) 182–185 48 Rose Purple (wheel slot 46) 186–189 345 Fuchsia Pink (wheel slot 47) 190–193 795 Magical Magenta (wheel slot 48) 194–197 128 Bright Pink (wheel slot 49) 198–201 2 Rose Pink (wheel slot 50) 202–207 User Color 1 (wheel slot 51) 208–213 User Color 2 (wheel slot 52) 214–219 User Color 3 (wheel slot 53) 220–225 User Color 4 (wheel slot 54) 226–231 User Color 5 (wheel slot 55) 232–237 User Color 6 (wheel slot 56) 238–243 User Color 7 (wheel slot 57) 244–249 User Color 8 (wheel slot 58) 250–255 No function (wheel slot 1)

23CH Pattern (continued)

Ch	Function	Default	DMX values
8	Color Mix MSpeed	0	0–5 0s 6–105 1/10s - 10s 106–214 11s - 119s 215–244 2m - 4m50s 245–255 5m - 15m
9	Dimmer	0	0–254 Closed 255–255 Open
10	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
11	Pattern	0	0–5 off 6–26 Pattern 1 27–47 Pattern 2 48–68 Pattern 3 69–89 Pattern 4 90–110 Pattern 5 111–131 Pattern 6 132–152 Pattern 7 153–173 Pattern 8 174–194 Pattern 9 195–215 Pattern 10 216–236 Pattern 11 237–255 Pattern 12
12	Pattern Speed	127	0–5 Effect Pattern stop 6–126 Center Pattern Speed slow to fast (Chase) 127–127 Center Pattern Speed fast to slow (Chase) (backwa... 128–254 Center Pattern Speed slow to fast (Fade) 255–255 Center Pattern Speed fast to slow (Fade) (backwar...
13	Pattern	0	0–5 off 6–26 Pattern 1 27–47 Pattern 2 48–68 Pattern 3 69–89 Pattern 4 90–110 Pattern 5 111–131 Pattern 6 132–152 Pattern 7 153–173 Pattern 8 174–194 Pattern 9 195–215 Pattern 10 216–236 Pattern 11 237–255 Pattern 12

23CH Pattern (continued)

Ch	Function	Default	DMX values
14	Pattern Speed	127	0–5 Effect Pattern stop 6–126 Center Pattern Speed slow to fast (Chase) 127–127 Center Pattern Speed fast to slow (Chase) (backwa… 128–254 Center Pattern Speed slow to fast (Fade) 255–255 Center Pattern Speed fast to slow (Fade) (backwar…
15	Dimmer	0	
16	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.05–0.914 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.05–0.905 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.05–1.82 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.05–1.8 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.0… 127–127 Strobe break effect · 1s short burst with break 0.5 … 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
17	Red	255	
18	Green	255	
19	Blue	255	
20	C TC	0	0–5 Off 6–46 Warm white to 2700K 47–47 Bulb white (2700K) 48–87 2700K to 3200K 88–88 Halogen white (3200K) 89–128 3200K to 4000K 129–129 Neutral white (4000K) 130–169 4000K to 5600K 170–170 Studio white (5600K) 171–210 5600K to 6500K 211–211 Daylight white (6500K) 212–251 6500K to Cold white 252–255 Cold white

23CH Pattern (continued)

Ch	Function	Default	DMX values
21	Color Wheel	0	0–5 No function (wheel slot 1) 6–9 46 Dark Magenta (wheel slot 2) 10–13 29 Plasa Red (wheel slot 3) 14–17 26 Bright Red (wheel slot 4) 18–21 127 Smokey Pink (wheel slot 5) 22–25 36 Medium Pink (wheel slot 6) 26–29 19 Fire (wheel slot 7) 30–33 135 Deep Golden Amber (wheel slot 8) 34–37 778 Millennium Gold (wheel slot 9) 38–41 21 Gold Amber (wheel slot 10) 42–45 157 Pink (wheel slot 11) 46–49 110 Middle Rose (wheel slot 12) 50–53 109 Light Salmon (wheel slot 13) 54–57 35 Light Pink (wheel slot 14) 58–61 134 Golden Amber (wheel slot 15) 62–65 17 Surprise Peach (wheel slot 16) 66–69 746 Brown (wheel slot 17) 70–73 105 Orange (wheel slot 18) 74–77 20 Medium Amber (wheel slot 19) 78–81 768 Egg Yolk Yellow (wheel slot 20) 82–85 15 Deep Straw (wheel slot 21) 86–89 767 Nectarine (wheel slot 22) 90–93 101 Yellow (wheel slot 23) 94–97 100 Spring Yellow (wheel slot 24) 98–101 88 Lime Green (wheel slot 25) 102–105 121 LEE Green (wheel slot 26) 106–109 738 Jas Green (wheel slot 27) 110–113 89 Moss Green (wheel slot 28) 114–117 139 Primary Green (wheel slot 29) 118–121 124 Dark Green (wheel slot 30) 122–125 323 Jade (wheel slot 31) 126–129 354 Special Steel Blue (wheel slot 32) 130–133 116 Medium Blue-Green (wheel slot 33) 134–137 183 Moonlight Blue (wheel slot 34) 138–141 132 Medium Blue (wheel slot 35) 142–145 119 Dark Blue (wheel slot 36) 146–149 716 Mikkel Blue (wheel slot 37) 150–153 71 Tokyo Blue (wheel slot 38) 154–157 181 Congo Blue (wheel slot 39) 158–161 799 Special KH Lavender (wheel slot 40) 162–165 707 Ultimate Violet (wheel slot 41) 166–169 343 Special Medium Lavender (wheel slot 42) 170–173 798 Chrysalis Pink (wheel slot 43) 174–177 701 Provence (wheel slot 44) 178–181 797 Deep Purple (wheel slot 45) 182–185 48 Rose Purple (wheel slot 46) 186–189 345 Fuchsia Pink (wheel slot 47) 190–193 795 Magical Magenta (wheel slot 48) 194–197 128 Bright Pink (wheel slot 49) 198–201 2 Rose Pink (wheel slot 50) 202–207 User Color 1 (wheel slot 51) 208–213 User Color 2 (wheel slot 52) 214–219 User Color 3 (wheel slot 53) 220–225 User Color 4 (wheel slot 54) 226–231 User Color 5 (wheel slot 55) 232–237 User Color 6 (wheel slot 56) 238–243 User Color 7 (wheel slot 57) 244–249 User Color 8 (wheel slot 58) 250–255 No function (wheel slot 1)

23CH Pattern (continued)

Ch	Function	Default	DMX values
22	Color Mix MSpeed	0	0–5 0s 6–105 1/10s - 10s 106–214 11s - 119s 215–244 2m - 4m50s 245–255 5m - 15m
23	Control1	0	0–57 Control off 58–59 Off (hold 3s) 60–61 Vertical (hold 3s) 62–63 Horizontal (hold 3s) 64–65 Vertical and Horizontal (hold 3s) 66–73 No function 74–75 Dimmer Response LED (hold 3s) 76–77 Dimmer Response Halogen (hold 3s) 78–119 No function 120–121 PWM 650 Hz (hold 3s) 122–123 PWM 1530 Hz (hold 3s) 124–125 PWM 3600 Hz (hold 3s) 126–127 PWM 12000 Hz (hold 3s) 128–129 PWM 18900 Hz (hold 3s) 130–139 PWM 25 kHz (hold 3s) 140–141 Display on (Hold 3s) 142–143 Display off (Hold 3s) 144–163 No function 164–165 Dimmer Curve Linear (Hold 3s) 166–167 Dimmer Curve Exponential (Hold 3s) 168–169 Dimmer Curve Logarithmic (Hold 3s) 170–171 Dimmer Curve S-Curve (Hold 3s) 172–239 No function 240–241 Load Factory Defaults (hold 3s) 242–243 Load Factory Defaults (without User Colours) (hol… 244–245 Load User Default A (hold 3s) 246–247 Load User Default B (hold 3s) 248–249 Load User Default C (hold 3s) 250–255 No function

32CH Pixel

25 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
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	

32CH Pixel (continued)

Ch	Function	Default	DMX values
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	Dimmer	0	0–254 Closed 255–255 Open

29CH Pattern

29 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–… 127–127 Strobe break effect · 1s short burst with break 0.5 … 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
4	Strobe Duration	127	
5	Red	255	
6	Green	255	
7	Blue	255	
8	C TC	0	0–5 Off 6–46 Warm white to 2700K 47–47 Bulb white (2700K) 48–87 2700K to 3200K 88–88 Halogen white (3200K) 89–128 3200K to 4000K 129–129 Neutral white (4000K) 130–169 4000K to 5600K 170–170 Studio white (5600K) 171–210 5600K to 6500K 211–211 Daylight white (6500K) 212–251 6500K to Cold white 252–255 Cold white

29CH Pattern (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–5 No function (wheel slot 1) 6–9 46 Dark Magenta (wheel slot 2) 10–13 29 Plasa Red (wheel slot 3) 14–17 26 Bright Red (wheel slot 4) 18–21 127 Smokey Pink (wheel slot 5) 22–25 36 Medium Pink (wheel slot 6) 26–29 19 Fire (wheel slot 7) 30–33 135 Deep Golden Amber (wheel slot 8) 34–37 778 Millennium Gold (wheel slot 9) 38–41 21 Gold Amber (wheel slot 10) 42–45 157 Pink (wheel slot 11) 46–49 110 Middle Rose (wheel slot 12) 50–53 109 Light Salmon (wheel slot 13) 54–57 35 Light Pink (wheel slot 14) 58–61 134 Golden Amber (wheel slot 15) 62–65 17 Surprise Peach (wheel slot 16) 66–69 746 Brown (wheel slot 17) 70–73 105 Orange (wheel slot 18) 74–77 20 Medium Amber (wheel slot 19) 78–81 768 Egg Yolk Yellow (wheel slot 20) 82–85 15 Deep Straw (wheel slot 21) 86–89 767 Nectarine (wheel slot 22) 90–93 101 Yellow (wheel slot 23) 94–97 100 Spring Yellow (wheel slot 24) 98–101 88 Lime Green (wheel slot 25) 102–105 121 LEE Green (wheel slot 26) 106–109 738 Jas Green (wheel slot 27) 110–113 89 Moss Green (wheel slot 28) 114–117 139 Primary Green (wheel slot 29) 118–121 124 Dark Green (wheel slot 30) 122–125 323 Jade (wheel slot 31) 126–129 354 Special Steel Blue (wheel slot 32) 130–133 116 Medium Blue-Green (wheel slot 33) 134–137 183 Moonlight Blue (wheel slot 34) 138–141 132 Medium Blue (wheel slot 35) 142–145 119 Dark Blue (wheel slot 36) 146–149 716 Mikkel Blue (wheel slot 37) 150–153 71 Tokyo Blue (wheel slot 38) 154–157 181 Congo Blue (wheel slot 39) 158–161 799 Special KH Lavender (wheel slot 40) 162–165 707 Ultimate Violet (wheel slot 41) 166–169 343 Special Medium Lavender (wheel slot 42) 170–173 798 Chrysalis Pink (wheel slot 43) 174–177 701 Provence (wheel slot 44) 178–181 797 Deep Purple (wheel slot 45) 182–185 48 Rose Purple (wheel slot 46) 186–189 345 Fuchsia Pink (wheel slot 47) 190–193 795 Magical Magenta (wheel slot 48) 194–197 128 Bright Pink (wheel slot 49) 198–201 2 Rose Pink (wheel slot 50) 202–207 User Color 1 (wheel slot 51) 208–213 User Color 2 (wheel slot 52) 214–219 User Color 3 (wheel slot 53) 220–225 User Color 4 (wheel slot 54) 226–231 User Color 5 (wheel slot 55) 232–237 User Color 6 (wheel slot 56) 238–243 User Color 7 (wheel slot 57) 244–249 User Color 8 (wheel slot 58) 250–255 No function (wheel slot 1)

29CH Pattern (continued)

Ch	Function	Default	DMX values
10	Color Mix MSpeed	0	0–5 0s 6–105 1/10s - 10s 106–214 11s - 119s 215–244 2m - 4m50s 245–255 5m - 15m
11	Dimmer	0	0–254 Closed 255–255 Open
12	Dimmer Fine	0	Fine byte of Dimmer
13	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
14	Strobe Duration	127	
15	Pattern	0	0–5 off 6–26 Pattern 1 27–47 Pattern 2 48–68 Pattern 3 69–89 Pattern 4 90–110 Pattern 5 111–131 Pattern 6 132–152 Pattern 7 153–173 Pattern 8 174–194 Pattern 9 195–215 Pattern 10 216–236 Pattern 11 237–255 Pattern 12
16	Pattern Speed	127	0–5 Effect Pattern stop 6–126 slow to fast (Chase) 127–127 Center Pattern Speed fast to slow (Chase) (backwa... 128–254 Center Pattern Speed slow to fast (Fade) 255–255 Center Pattern Speed fast to slow (Fade) (backwar...

29CH Pattern (continued)

Ch	Function	Default	DMX values
17	Pattern	0	0–5 off 6–26 Pattern 1 27–47 Pattern 2 48–68 Pattern 3 69–89 Pattern 4 90–110 Pattern 5 111–131 Pattern 6 132–152 Pattern 7 153–173 Pattern 8 174–194 Pattern 9 195–215 Pattern 10 216–236 Pattern 11 237–255 Pattern 12
18	Pattern Speed	127	0–5 Effect Pattern stop 6–126 slow to fast (Chase) 127–127 Center Pattern Speed fast to slow (Chase) (backwa… 128–254 Center Pattern Speed slow to fast (Fade) 255–255 Center Pattern Speed fast to slow (Fade) (backwar…
19	Dimmer	0	
20	Dimmer Fine	0	Fine byte of Dimmer
21	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.05–0.914 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.05–0.905 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.05–1.82 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.05–1.8 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.0… 127–127 Strobe break effect · 1s short burst with break 0.5 … 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
22	Strobe Duration	127	
23	Red	255	
24	Green	255	
25	Blue	255	
26	C TC	0	0–5 Off 6–46 Warm white to 2700K 47–47 Bulb white (2700K) 48–87 2700K to 3200K 88–88 Halogen white (3200K) 89–128 3200K to 4000K 129–129 Neutral white (4000K) 130–169 4000K to 5600K 170–170 Studio white (5600K) 171–210 5600K to 6500K 211–211 Daylight white (6500K) 212–251 6500K to Cold white 252–255 Cold white

29CH Pattern (continued)

Ch	Function	Default	DMX values
27	Color Wheel	0	0–5 No function (wheel slot 1) 6–9 46 Dark Magenta (wheel slot 2) 10–13 29 Plasa Red (wheel slot 3) 14–17 26 Bright Red (wheel slot 4) 18–21 127 Smokey Pink (wheel slot 5) 22–25 36 Medium Pink (wheel slot 6) 26–29 19 Fire (wheel slot 7) 30–33 135 Deep Golden Amber (wheel slot 8) 34–37 778 Millennium Gold (wheel slot 9) 38–41 21 Gold Amber (wheel slot 10) 42–45 157 Pink (wheel slot 11) 46–49 110 Middle Rose (wheel slot 12) 50–53 109 Light Salmon (wheel slot 13) 54–57 35 Light Pink (wheel slot 14) 58–61 134 Golden Amber (wheel slot 15) 62–65 17 Surprise Peach (wheel slot 16) 66–69 746 Brown (wheel slot 17) 70–73 105 Orange (wheel slot 18) 74–77 20 Medium Amber (wheel slot 19) 78–81 768 Egg Yolk Yellow (wheel slot 20) 82–85 15 Deep Straw (wheel slot 21) 86–89 767 Nectarine (wheel slot 22) 90–93 101 Yellow (wheel slot 23) 94–97 100 Spring Yellow (wheel slot 24) 98–101 88 Lime Green (wheel slot 25) 102–105 121 LEE Green (wheel slot 26) 106–109 738 Jas Green (wheel slot 27) 110–113 89 Moss Green (wheel slot 28) 114–117 139 Primary Green (wheel slot 29) 118–121 124 Dark Green (wheel slot 30) 122–125 323 Jade (wheel slot 31) 126–129 354 Special Steel Blue (wheel slot 32) 130–133 116 Medium Blue-Green (wheel slot 33) 134–137 183 Moonlight Blue (wheel slot 34) 138–141 132 Medium Blue (wheel slot 35) 142–145 119 Dark Blue (wheel slot 36) 146–149 716 Mikkel Blue (wheel slot 37) 150–153 71 Tokyo Blue (wheel slot 38) 154–157 181 Congo Blue (wheel slot 39) 158–161 799 Special KH Lavender (wheel slot 40) 162–165 707 Ultimate Violet (wheel slot 41) 166–169 343 Special Medium Lavender (wheel slot 42) 170–173 798 Chrysalis Pink (wheel slot 43) 174–177 701 Provence (wheel slot 44) 178–181 797 Deep Purple (wheel slot 45) 182–185 48 Rose Purple (wheel slot 46) 186–189 345 Fuchsia Pink (wheel slot 47) 190–193 795 Magical Magenta (wheel slot 48) 194–197 128 Bright Pink (wheel slot 49) 198–201 2 Rose Pink (wheel slot 50) 202–207 User Color 1 (wheel slot 51) 208–213 User Color 2 (wheel slot 52) 214–219 User Color 3 (wheel slot 53) 220–225 User Color 4 (wheel slot 54) 226–231 User Color 5 (wheel slot 55) 232–237 User Color 6 (wheel slot 56) 238–243 User Color 7 (wheel slot 57) 244–249 User Color 8 (wheel slot 58) 250–255 No function (wheel slot 1)

29CH Pattern (continued)

Ch	Function	Default	DMX values
28	Color Mix MSpeed	0	0–5 0s 6–105 1/10s - 10s 106–214 11s - 119s 215–244 2m - 4m50s 245–255 5m - 15m
29	Control1	0	0–57 Control off 58–59 Off (hold 3s) 60–61 Vertical (hold 3s) 62–63 Horizontal (hold 3s) 64–65 Vertical and Horizontal (hold 3s) 66–73 No function 74–75 Dimmer Response LED (hold 3s) 76–77 Dimmer Response Halogen (hold 3s) 78–119 No function 120–121 PWM 650 Hz (hold 3s) 122–123 PWM 1530 Hz (hold 3s) 124–125 PWM 3600 Hz (hold 3s) 126–127 PWM 12000 Hz (hold 3s) 128–129 PWM 18900 Hz (hold 3s) 130–139 PWM 25 kHz (hold 3s) 140–141 Display on (Hold 3s) 142–143 Display off (Hold 3s) 144–163 No function 164–165 Dimmer Curve Linear (Hold 3s) 166–167 Dimmer Curve Exponential (Hold 3s) 168–169 Dimmer Curve Logarithmic (Hold 3s) 170–171 Dimmer Curve S-Curve (Hold 3s) 172–239 No function 240–241 Load Factory Defaults (hold 3s) 242–243 Load Factory Defaults (without User Colours) (hol… 244–245 Load User Default A (hold 3s) 246–247 Load User Default B (hold 3s) 248–249 Load User Default C (hold 3s) 250–255 No function

36CH Pixel DIM

29 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

36CH Pixel DIM (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
4	Control1	0	0–57 Control off 58–59 Off (hold 3s) 60–61 Vertical (hold 3s) 62–63 Horizontal (hold 3s) 64–65 Vertical and Horizontal (hold 3s) 66–73 No function 74–75 Dimmer Response LED (hold 3s) 76–77 Dimmer Response Halogen (hold 3s) 78–119 No function 120–121 PWM 650 Hz (hold 3s) 122–123 PWM 1530 Hz (hold 3s) 124–125 PWM 3600 Hz (hold 3s) 126–127 PWM 12000 Hz (hold 3s) 128–129 PWM 18900 Hz (hold 3s) 130–139 PWM 25 kHz (hold 3s) 140–141 Display on (Hold 3s) 142–143 Display off (Hold 3s) 144–163 No function 164–165 Dimmer Curve Linear (Hold 3s) 166–167 Dimmer Curve Exponential (Hold 3s) 168–169 Dimmer Curve Logarithmic (Hold 3s) 170–171 Dimmer Curve S-Curve (Hold 3s) 172–239 No function 240–241 Load Factory Defaults (hold 3s) 242–243 Load Factory Defaults (without User Colours) (hol... 244–245 Load User Default A (hold 3s) 246–247 Load User Default B (hold 3s) 248–249 Load User Default C (hold 3s) 250–255 No function
5	Red	255	
6	Green	255	
7	Blue	255	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	

36CH Pixel DIM (continued)

Ch	Function	Default	DMX values
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	Dimmer	0	0–254 Closed 255–255 Open

41CH Pixel Strobe

34 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
4	Strobe Duration	127	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

41CH Pixel Strobe (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
8	Strobe Duration	127	
9	Control1	0	0–57 Control off 58–59 Off (hold 3s) 60–61 Vertical (hold 3s) 62–63 Horizontal (hold 3s) 64–65 Vertical and Horizontal (hold 3s) 66–73 No function 74–75 Dimmer Response LED (hold 3s) 76–77 Dimmer Response Halogen (hold 3s) 78–119 No function 120–121 PWM 650 Hz (hold 3s) 122–123 PWM 1530 Hz (hold 3s) 124–125 PWM 3600 Hz (hold 3s) 126–127 PWM 12000 Hz (hold 3s) 128–129 PWM 18900 Hz (hold 3s) 130–139 PWM 25 kHz (hold 3s) 140–141 Display on (Hold 3s) 142–143 Display off (Hold 3s) 144–163 No function 164–165 Dimmer Curve Linear (Hold 3s) 166–167 Dimmer Curve Exponential (Hold 3s) 168–169 Dimmer Curve Logarithmic (Hold 3s) 170–171 Dimmer Curve S-Curve (Hold 3s) 172–239 No function 240–241 Load Factory Defaults (hold 3s) 242–243 Load Factory Defaults (without User Colours) (hol... 244–245 Load User Default A (hold 3s) 246–247 Load User Default B (hold 3s) 248–249 Load User Default C (hold 3s) 250–255 No function
10	Red	255	
11	Green	255	
12	Blue	255	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	

41CH Pixel Strobe (continued)

Ch	Function	Default	DMX values
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	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Dimmer	0	

56CH Pixel

49 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
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	

56CH Pixel (continued)

Ch	Function	Default	DMX values
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
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	Dimmer	0	0–254 Closed 255–255 Open

60CH Pixel DIM

53 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

60CH Pixel DIM (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
4	Control1	78	0–24 Control off 25–25 Record User Color 1 (hold 3s) 26–26 Record User Color 2 (hold 3s) 27–27 Record User Color 3 (hold 3s) 28–28 Record User Color 4 (hold 3s) 29–29 Record User Color 5 (hold 3s) 30–30 Record User Color 6 (hold 3s) 31–31 Record User Color 7 (hold 3s) 32–57 Record User Color 8 (hold 3s) 58–59 Off (hold 3s) 60–61 Vertical (hold 3s) 62–63 Horizontal (hold 3s) 64–65 Vertical and Horizontal (hold 3s) 66–73 No function 74–75 Dimmer Response LED (hold 3s) 76–77 Dimmer Response Halogen (hold 3s) 78–119 No Function 120–121 PWM 650 Hz (hold 3s) 122–123 PWM 1530 Hz (hold 3s) 124–125 PWM 3600 Hz (hold 3s) 126–127 PWM 12000 Hz (hold 3s) 128–129 PWM 18900 Hz (hold 3s) 130–131 PWM 25 kHz (hold 3s) 132–139 No function 140–141 Display on (Hold 3s) 142–143 Display off (Hold 3s) 144–163 No function 164–165 Dimmer Curve Linear (Hold 3s) 166–167 Dimmer Curve Exponential (Hold 3s) 168–169 Dimmer Curve Logarithmic (Hold 3s) 170–171 Dimmer Curve S-Curve (Hold 3s) 172–239 No function 240–241 Load Factory Defaults (hold 3s) 242–243 Load Factory Defaults (without User Colours) (hol... 244–245 Load User Default A (hold 3s) 246–247 Load User Default B (hold 3s) 248–249 Load User Default C (hold 3s) 250–255 No function
5	Red	255	
6	Green	255	

60CH Pixel DIM (continued)

Ch	Function	Default	DMX values
7	Blue	255	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
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	
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	

60CH Pixel DIM (continued)

Ch	Function	Default	DMX values
52	Reserved 52	0	
53	Dimmer	0	

65CH Pixel Strobe

58 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–… 127–127 Strobe break effect · 1s short burst with break 0.5 … 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
4	Strobe Duration	127	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Pulse · slow 0.2–0.927 Hz 22–22 Pulse · fast 1 Hz 23–32 Pulse random · slow 0.2–0.92 Hz 33–33 Pulse random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–1.83 Hz 45–45 Ramp up strobe · fast 2 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.2–1.84 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.2–1.82 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.2–… 127–127 Strobe break effect · 1s short burst with break 0.5 … 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
8	Strobe Duration	127	

65CH Pixel Strobe (continued)

Ch	Function	Default	DMX values
9	Control1	0	0–24 Control off 25–25 Record User Color 1 (hold 3s) 26–26 Record User Color 2 (hold 3s) 27–27 Record User Color 3 (hold 3s) 28–28 Record User Color 4 (hold 3s) 29–29 Record User Color 5 (hold 3s) 30–30 Record User Color 6 (hold 3s) 31–31 Record User Color 7 (hold 3s) 32–57 Record User Color 8 (hold 3s) 58–59 Off (hold 3s) 60–61 Vertical (hold 3s) 62–63 Horizontal (hold 3s) 64–65 Vertical and Horizontal (hold 3s) 66–73 No function 74–75 Dimmer Response LED (hold 3s) 76–77 Dimmer Response Halogen (hold 3s) 78–119 No Function 120–121 PWM 650 Hz (hold 3s) 122–123 PWM 1530 Hz (hold 3s) 124–125 PWM 3600 Hz (hold 3s) 126–127 PWM 12000 Hz (hold 3s) 128–129 PWM 18900 Hz (hold 3s) 130–131 PWM 25 kHz (hold 3s) 132–139 No function 140–141 Display on (Hold 3s) 142–143 Display off (Hold 3s) 144–163 No function 164–165 Dimmer Curve Linear (Hold 3s) 166–167 Dimmer Curve Exponential (Hold 3s) 168–169 Dimmer Curve Logarithmic (Hold 3s) 170–171 Dimmer Curve S-Curve (Hold 3s) 172–239 No function 240–241 Load Factory Defaults (hold 3s) 242–243 Load Factory Defaults (without User Colours) (hol… 244–245 Load User Default A (hold 3s) 246–247 Load User Default B (hold 3s) 248–249 Load User Default C (hold 3s) 250–255 No function
10	Red	255	
11	Green	255	
12	Blue	255	
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	

65CH Pixel Strobe (continued)

Ch	Function	Default	DMX values
28	Reserved 28	0	
29	Reserved 29	0	
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	Dimmer	0	