Elation

Paladin Panel



Manufacturer	**Elation**
Type	**Blinder**
DMX modes	**11**
DMX footprint	**3, 4, 8, 10, 16, 38, 80, 82, 88 channels**
Beam angle	**25°**
Heads / cells	**11**
Size (W × H × D)	**500 × 300 × 160 mm**
GDTF fixture type	**9C8AF4BB-9C5B-4DAF-8CE8-67…**

Controls

Extra LED colours · Hue and saturation · RGB colour mixing · Colour wheel · Strobe · Dimmer · Pixel control

Safety-relevant functions

Built-in effect programmes

DMX modes

RGB 3CH	3 ch
8bit 4CH	4 ch
HSI 4CH	4 ch
16bit 8CH	8 ch
16bit Dim 10CH	10 ch
HSI-Ext 10CH	10 ch
Extended 16CH	16 ch
HSI-Cell 38CH	38 ch
Cells 80CH	80 ch
Cells Dim 82CH	82 ch
Ext-Cells 88CH	88 ch

RGB 3CH

3 channels

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

8bit 4CH

4 channels

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

HSI 4CH

4 channels

Ch	Function	Default	DMX values
1	H SBBrightness	0	0–254 Brightness Min 255–255 Brightness Max
2	H SBBrightness Fine	0	Fine byte of H SBBrightness
3	H SBHue	0	0–254 Min Hue 255–255 Max Hue
4	H SBSaturation	0	0–254 Min Saturation 255–255 Max Saturation

16bit 8CH

8 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	White	0	
8	White Fine	0	Fine byte of White

16bit Dim 10CH

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	0	
4	Red Fine	0	Fine byte of Red
5	Green	0	
6	Green Fine	0	Fine byte of Green

16bit Dim 10CH (continued)

Ch	Function	Default	DMX values
7	Blue	0	
8	Blue Fine	0	Fine byte of Blue
9	White	0	
10	White Fine	0	Fine byte of White

HSI-Ext 10CH

10 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
2	H SBBrightness	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
3	H SBBrightness Fine	0	Fine byte of H SBBrightness
4	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 0*1s 123–123 0*2 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7 129–129 0*8s 130–130 0*9s 131–131 1s 132–132 1*5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle

HSI-Ext 10CH (continued)

Ch	Function	Default	DMX values
5	Effect	0	0–19 Off 20–24 Program 1 25–29 Program 2 30–34 Program 3 35–39 Program 4 40–44 Program 5 45–49 Program 6 50–54 Program 7 55–59 Program 8 60–64 Program 9 65–69 Program 10 70–74 Program 11 75–79 Program 12 80–100 Idle 101–105 900 106–110 1000 111–115 1100 116–120 1200 (default) 121–125 1300 126–130 1400 131–135 1500 136–140 2500 141–145 4000 146–150 5000 151–155 10000 156–160 15000 161–165 20000 166–170 25000 171–200 Idle 201–210 Linear (default) 211–220 Square 221–230 Inverse Square 231–240 S-Curve 241–255 Idle
6	Effect Speed	0	
7	Effects1Fade	0	

HSI-Ext 10CH (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 Off (wheel slot 65) 1–4 Color Macro 1 (wheel slot 1) 5–8 Color Macro 2 (wheel slot 2) 9–12 Color Macro 3 (wheel slot 3) 13–16 Color Macro 4 (wheel slot 4) 17–20 Color Macro 5 (wheel slot 5) 21–24 Color Macro 6 (wheel slot 6) 25–28 Color Macro 7 (wheel slot 7) 29–32 Color Macro 8 (wheel slot 8) 33–36 Color Macro 9 (wheel slot 9) 37–40 Color Macro 10 (wheel slot 10) 41–44 Color Macro 11 (wheel slot 11) 45–48 Color Macro 12 (wheel slot 12) 49–52 Color Macro 13 (wheel slot 13) 53–56 Color Macro 14 (wheel slot 14) 57–60 Color Macro 15 (wheel slot 15) 61–64 Color Macro 16 (wheel slot 16) 65–68 Color Macro 17 (wheel slot 17) 69–72 Color Macro 18 (wheel slot 18) 73–76 Color Macro 19 (wheel slot 19) 77–80 Color Macro 20 (wheel slot 20) 81–84 Color Macro 21 (wheel slot 21) 85–88 Color Macro 22 (wheel slot 22) 89–92 Color Macro 23 (wheel slot 23) 93–96 Color Macro 24 (wheel slot 24) 97–100 Color Macro 25 (wheel slot 25) 101–104 Color Macro 26 (wheel slot 26) 105–108 Color Macro 27 (wheel slot 27) 109–112 Color Macro 28 (wheel slot 28) 113–116 Color Macro 29 (wheel slot 29) 117–120 Color Macro 30 (wheel slot 30) 121–124 Color Macro 31 (wheel slot 31) 125–128 Color Macro 32 (wheel slot 32) 129–132 Color Macro 33 (wheel slot 33) 133–136 Color Macro 34 (wheel slot 34) 137–140 Color Macro 35 (wheel slot 35) 141–144 Color Macro 36 (wheel slot 36) 145–148 Color Macro 37 (wheel slot 37) 149–152 Color Macro 38 (wheel slot 38) 153–156 Color Macro 39 (wheel slot 39) 157–160 Color Macro 40 (wheel slot 40) 161–164 Color Macro 41 (wheel slot 41) 165–168 Color Macro 42 (wheel slot 42) 169–172 Color Macro 43 (wheel slot 43) 173–176 Color Macro 44 (wheel slot 44) 177–180 Color Macro 45 (wheel slot 45) 181–184 Color Macro 46 (wheel slot 46) 185–188 Color Macro 47 (wheel slot 47) 189–192 Color Macro 48 (wheel slot 48) 193–196 Color Macro 49 (wheel slot 49) 197–200 Color Macro 50 (wheel slot 50) 201–204 Color Macro 51 (wheel slot 51) 205–208 Color Macro 52 (wheel slot 52) 209–212 Color Macro 53 (wheel slot 53) 213–216 Color Macro 54 (wheel slot 54) 217–220 Color Macro 55 (wheel slot 55) 221–224 Color Macro 56 (wheel slot 56) 225–228 Color Macro 57 (wheel slot 57) 229–232 Color Macro 58 (wheel slot 58) 233–236 Color Macro 59 (wheel slot 59) 237–240 Color Macro 60 (wheel slot 60) 241–244 Color Macro 61 (wheel slot 61) 245–248 Color Macro 62 (wheel slot 62) 249–252 Color Macro 63 (wheel slot 63)

HSI-Ext 10CH (continued)

Ch	Function	Default	DMX values
9	H SBHue	0	0–254 Min Hue 255–255 Max Hue
10	H SBSaturation	0	

Extended 16CH

16 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
2	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
3	Dimmer Fine	0	Fine byte of Dimmer
4	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 0*1s 123–123 0*2 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7 129–129 0*8s 130–130 0*9s 131–131 1s 132–132 1*5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle

Extended 16CH (continued)

Ch	Function	Default	DMX values
5	Effect	0	0–19 Off 20–24 Program 1 25–29 Program 2 30–34 Program 3 35–39 Program 4 40–44 Program 5 45–49 Program 6 50–54 Program 7 55–59 Program 8 60–64 Program 9 65–69 Program 10 70–74 Program 11 75–79 Program 12 80–100 Idle 101–105 900 106–110 1000 111–115 1100 116–120 1200 (default) 121–125 1300 126–130 1400 131–135 1500 136–140 2500 141–145 4000 146–150 5000 151–155 10000 156–160 15000 161–165 20000 166–170 25000 171–200 Idle 201–210 Linear (default) 211–220 Square 221–230 Inverse Square 231–240 S-Curve 241–255 Idle
6	Effect Speed	0	
7	Effects1Fade	0	

Extended 16CH (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 Off (wheel slot 65) 1–4 Color Macro 1 (wheel slot 1) 5–8 Color Macro 2 (wheel slot 2) 9–12 Color Macro 3 (wheel slot 3) 13–16 Color Macro 4 (wheel slot 4) 17–20 Color Macro 5 (wheel slot 5) 21–24 Color Macro 6 (wheel slot 6) 25–28 Color Macro 7 (wheel slot 7) 29–32 Color Macro 8 (wheel slot 8) 33–36 Color Macro 9 (wheel slot 9) 37–40 Color Macro 10 (wheel slot 10) 41–44 Color Macro 11 (wheel slot 11) 45–48 Color Macro 12 (wheel slot 12) 49–52 Color Macro 13 (wheel slot 13) 53–56 Color Macro 14 (wheel slot 14) 57–60 Color Macro 15 (wheel slot 15) 61–64 Color Macro 16 (wheel slot 16) 65–68 Color Macro 17 (wheel slot 17) 69–72 Color Macro 18 (wheel slot 18) 73–76 Color Macro 19 (wheel slot 19) 77–80 Color Macro 20 (wheel slot 20) 81–84 Color Macro 21 (wheel slot 21) 85–88 Color Macro 22 (wheel slot 22) 89–92 Color Macro 23 (wheel slot 23) 93–96 Color Macro 24 (wheel slot 24) 97–100 Color Macro 25 (wheel slot 25) 101–104 Color Macro 26 (wheel slot 26) 105–108 Color Macro 27 (wheel slot 27) 109–112 Color Macro 28 (wheel slot 28) 113–116 Color Macro 29 (wheel slot 29) 117–120 Color Macro 30 (wheel slot 30) 121–124 Color Macro 31 (wheel slot 31) 125–128 Color Macro 32 (wheel slot 32) 129–132 Color Macro 33 (wheel slot 33) 133–136 Color Macro 34 (wheel slot 34) 137–140 Color Macro 35 (wheel slot 35) 141–144 Color Macro 36 (wheel slot 36) 145–148 Color Macro 37 (wheel slot 37) 149–152 Color Macro 38 (wheel slot 38) 153–156 Color Macro 39 (wheel slot 39) 157–160 Color Macro 40 (wheel slot 40) 161–164 Color Macro 41 (wheel slot 41) 165–168 Color Macro 42 (wheel slot 42) 169–172 Color Macro 43 (wheel slot 43) 173–176 Color Macro 44 (wheel slot 44) 177–180 Color Macro 45 (wheel slot 45) 181–184 Color Macro 46 (wheel slot 46) 185–188 Color Macro 47 (wheel slot 47) 189–192 Color Macro 48 (wheel slot 48) 193–196 Color Macro 49 (wheel slot 49) 197–200 Color Macro 50 (wheel slot 50) 201–204 Color Macro 51 (wheel slot 51) 205–208 Color Macro 52 (wheel slot 52) 209–212 Color Macro 53 (wheel slot 53) 213–216 Color Macro 54 (wheel slot 54) 217–220 Color Macro 55 (wheel slot 55) 221–224 Color Macro 56 (wheel slot 56) 225–228 Color Macro 57 (wheel slot 57) 229–232 Color Macro 58 (wheel slot 58) 233–236 Color Macro 59 (wheel slot 59) 237–240 Color Macro 60 (wheel slot 60) 241–244 Color Macro 61 (wheel slot 61) 245–248 Color Macro 62 (wheel slot 62) 249–252 Color Macro 63 (wheel slot 63)

Extended 16CH (continued)

Ch	Function	Default	DMX values
9	Red	0	
10	Red Fine	0	Fine byte of Red
11	Green	0	
12	Green Fine	0	Fine byte of Green
13	Blue	0	
14	Blue Fine	0	Fine byte of Blue
15	White	0	
16	White Fine	0	Fine byte of White

HSI-Cell 38CH

38 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
2	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
3	Dimmer Fine	0	Fine byte of Dimmer
4	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 0*1s 123–123 0*2 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7 129–129 0*8s 130–130 0*9s 131–131 1s 132–132 1*5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle

HSI-Cell 38CH (continued)

Ch	Function	Default	DMX values
5	Effect	0	0–19 Off 20–24 Program 1 25–29 Program 2 30–34 Program 3 35–39 Program 4 40–44 Program 5 45–49 Program 6 50–54 Program 7 55–59 Program 8 60–64 Program 9 65–69 Program 10 70–74 Program 11 75–79 Program 12 80–100 Idle 101–105 900 106–110 1000 111–115 1100 116–120 1200 (default) 121–125 1300 126–130 1400 131–135 1500 136–140 2500 141–145 4000 146–150 5000 151–155 10000 156–160 15000 161–165 20000 166–170 25000 171–200 Idle 201–210 Linear (default) 211–220 Square 221–230 Inverse Square 231–240 S-Curve 241–255 Idle
6	Effect Speed	0	
7	Effects1Fade	0	

HSI-Cell 38CH (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 Off (wheel slot 65) 1–4 Color Macro 1 (wheel slot 1) 5–8 Color Macro 2 (wheel slot 2) 9–12 Color Macro 3 (wheel slot 3) 13–16 Color Macro 4 (wheel slot 4) 17–20 Color Macro 5 (wheel slot 5) 21–24 Color Macro 6 (wheel slot 6) 25–28 Color Macro 7 (wheel slot 7) 29–32 Color Macro 8 (wheel slot 8) 33–36 Color Macro 9 (wheel slot 9) 37–40 Color Macro 10 (wheel slot 10) 41–44 Color Macro 11 (wheel slot 11) 45–48 Color Macro 12 (wheel slot 12) 49–52 Color Macro 13 (wheel slot 13) 53–56 Color Macro 14 (wheel slot 14) 57–60 Color Macro 15 (wheel slot 15) 61–64 Color Macro 16 (wheel slot 16) 65–68 Color Macro 17 (wheel slot 17) 69–72 Color Macro 18 (wheel slot 18) 73–76 Color Macro 19 (wheel slot 19) 77–80 Color Macro 20 (wheel slot 20) 81–84 Color Macro 21 (wheel slot 21) 85–88 Color Macro 22 (wheel slot 22) 89–92 Color Macro 23 (wheel slot 23) 93–96 Color Macro 24 (wheel slot 24) 97–100 Color Macro 25 (wheel slot 25) 101–104 Color Macro 26 (wheel slot 26) 105–108 Color Macro 27 (wheel slot 27) 109–112 Color Macro 28 (wheel slot 28) 113–116 Color Macro 29 (wheel slot 29) 117–120 Color Macro 30 (wheel slot 30) 121–124 Color Macro 31 (wheel slot 31) 125–128 Color Macro 32 (wheel slot 32) 129–132 Color Macro 33 (wheel slot 33) 133–136 Color Macro 34 (wheel slot 34) 137–140 Color Macro 35 (wheel slot 35) 141–144 Color Macro 36 (wheel slot 36) 145–148 Color Macro 37 (wheel slot 37) 149–152 Color Macro 38 (wheel slot 38) 153–156 Color Macro 39 (wheel slot 39) 157–160 Color Macro 40 (wheel slot 40) 161–164 Color Macro 41 (wheel slot 41) 165–168 Color Macro 42 (wheel slot 42) 169–172 Color Macro 43 (wheel slot 43) 173–176 Color Macro 44 (wheel slot 44) 177–180 Color Macro 45 (wheel slot 45) 181–184 Color Macro 46 (wheel slot 46) 185–188 Color Macro 47 (wheel slot 47) 189–192 Color Macro 48 (wheel slot 48) 193–196 Color Macro 49 (wheel slot 49) 197–200 Color Macro 50 (wheel slot 50) 201–204 Color Macro 51 (wheel slot 51) 205–208 Color Macro 52 (wheel slot 52) 209–212 Color Macro 53 (wheel slot 53) 213–216 Color Macro 54 (wheel slot 54) 217–220 Color Macro 55 (wheel slot 55) 221–224 Color Macro 56 (wheel slot 56) 225–228 Color Macro 57 (wheel slot 57) 229–232 Color Macro 58 (wheel slot 58) 233–236 Color Macro 59 (wheel slot 59) 237–240 Color Macro 60 (wheel slot 60) 241–244 Color Macro 61 (wheel slot 61) 245–248 Color Macro 62 (wheel slot 62) 249–252 Color Macro 63 (wheel slot 63)

HSI-Cell 38CH (continued)

Ch	Function	Default	DMX values
9	H SBHue	0	0–254 Min Hue 255–255 Max Hue
10	H SBSaturation	0	0–254 Min Saturation 255–255 Max Saturation
11	H SBBrightness	0	0–254 Brightness Min 255–255 Brightness Max
12	H SBHue	0	0–254 Min Hue 255–255 Max Hue
13	H SBSaturation	0	0–254 Min Saturation 255–255 Max Saturation
14	H SBBrightness	0	0–254 Brightness Min 255–255 Brightness Max
15	H SBHue	0	0–254 Min Hue 255–255 Max Hue
16	H SBSaturation	0	0–254 Min Saturation 255–255 Max Saturation
17	H SBBrightness	0	0–254 Brightness Min 255–255 Brightness Max
18	H SBHue	0	0–254 Min Hue 255–255 Max Hue
19	H SBSaturation	0	0–254 Min Saturation 255–255 Max Saturation
20	H SBBrightness	0	0–254 Brightness Min 255–255 Brightness Max
21	H SBHue	0	0–254 Min Hue 255–255 Max Hue
22	H SBSaturation	0	0–254 Min Saturation 255–255 Max Saturation
23	H SBBrightness	0	0–254 Brightness Min 255–255 Brightness Max
24	H SBHue	0	0–254 Min Hue 255–255 Max Hue
25	H SBSaturation	0	0–254 Min Saturation 255–255 Max Saturation
26	H SBBrightness	0	0–254 Brightness Min 255–255 Brightness Max
27	H SBHue	0	0–254 Min Hue 255–255 Max Hue
28	H SBSaturation	0	0–254 Min Saturation 255–255 Max Saturation
29	H SBBrightness	0	0–254 Brightness Min 255–255 Brightness Max
30	H SBHue	0	0–254 Min Hue 255–255 Max Hue
31	H SBSaturation	0	0–254 Min Saturation 255–255 Max Saturation
32	H SBBrightness	0	0–254 Brightness Min 255–255 Brightness Max
33	H SBHue	0	0–254 Min Hue 255–255 Max Hue
34	H SBSaturation	0	0–254 Min Saturation 255–255 Max Saturation

HSI-Cell 38CH (continued)

Ch	Function	Default	DMX values
35	H SBBrightness	0	0–254 Brightness Min 255–255 Brightness Max
36	H SBHue	0	0–254 Min Hue 255–255 Max Hue
37	H SBSaturation	0	0–254 Min Saturation 255–255 Max Saturation
38	H SBBrightness	0	0–254 Brightness Min 255–255 Brightness Max

Cells 80CH

80 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	White	0	
8	White Fine	0	Fine byte of White
9	Red	0	
10	Red Fine	0	Fine byte of Red
11	Green	0	
12	Green Fine	0	Fine byte of Green
13	Blue	0	
14	Blue Fine	0	Fine byte of Blue
15	White	0	
16	White Fine	0	Fine byte of White
17	Red	0	
18	Red Fine	0	Fine byte of Red
19	Green	0	
20	Green Fine	0	Fine byte of Green
21	Blue	0	
22	Blue Fine	0	Fine byte of Blue
23	White	0	
24	White Fine	0	Fine byte of White
25	Red	0	
26	Red Fine	0	Fine byte of Red
27	Green	0	
28	Green Fine	0	Fine byte of Green
29	Blue	0	
30	Blue Fine	0	Fine byte of Blue
31	White	0	
32	White Fine	0	Fine byte of White
33	Red	0	
34	Red Fine	0	Fine byte of Red
35	Green	0	

Cells 80CH (continued)

Ch	Function	Default	DMX values
36	Green Fine	0	Fine byte of Green
37	Blue	0	
38	Blue Fine	0	Fine byte of Blue
39	White	0	
40	White Fine	0	Fine byte of White
41	Red	0	
42	Red Fine	0	Fine byte of Red
43	Green	0	
44	Green Fine	0	Fine byte of Green
45	Blue	0	
46	Blue Fine	0	Fine byte of Blue
47	White	0	
48	White Fine	0	Fine byte of White
49	Red	0	
50	Red Fine	0	Fine byte of Red
51	Green	0	
52	Green Fine	0	Fine byte of Green
53	Blue	0	
54	Blue Fine	0	Fine byte of Blue
55	White	0	
56	White Fine	0	Fine byte of White
57	Red	0	
58	Red Fine	0	Fine byte of Red
59	Green	0	
60	Green Fine	0	Fine byte of Green
61	Blue	0	
62	Blue Fine	0	Fine byte of Blue
63	White	0	
64	White Fine	0	Fine byte of White
65	Red	0	
66	Red Fine	0	Fine byte of Red
67	Green	0	
68	Green Fine	0	Fine byte of Green
69	Blue	0	
70	Blue Fine	0	Fine byte of Blue
71	White	0	
72	White Fine	0	Fine byte of White
73	Red	0	
74	Red Fine	0	Fine byte of Red
75	Green	0	
76	Green Fine	0	Fine byte of Green
77	Blue	0	
78	Blue Fine	0	Fine byte of Blue
79	White	0	
80	White Fine	0	Fine byte of White

Cells Dim 82CH

82 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	0	
4	Red Fine	0	Fine byte of Red
5	Green	0	
6	Green Fine	0	Fine byte of Green
7	Blue	0	
8	Blue Fine	0	Fine byte of Blue
9	White	0	
10	White Fine	0	Fine byte of White
11	Red	0	
12	Red Fine	0	Fine byte of Red
13	Green	0	
14	Green Fine	0	Fine byte of Green
15	Blue	0	
16	Blue Fine	0	Fine byte of Blue
17	White	0	
18	White Fine	0	Fine byte of White
19	Red	0	
20	Red Fine	0	Fine byte of Red
21	Green	0	
22	Green Fine	0	Fine byte of Green
23	Blue	0	
24	Blue Fine	0	Fine byte of Blue
25	White	0	
26	White Fine	0	Fine byte of White
27	Red	0	
28	Red Fine	0	Fine byte of Red
29	Green	0	
30	Green Fine	0	Fine byte of Green
31	Blue	0	
32	Blue Fine	0	Fine byte of Blue
33	White	0	
34	White Fine	0	Fine byte of White
35	Red	0	
36	Red Fine	0	Fine byte of Red
37	Green	0	
38	Green Fine	0	Fine byte of Green
39	Blue	0	
40	Blue Fine	0	Fine byte of Blue
41	White	0	
42	White Fine	0	Fine byte of White
43	Red	0	
44	Red Fine	0	Fine byte of Red
45	Green	0	

Cells Dim 82CH (continued)

Ch	Function	Default	DMX values
46	Green Fine	0	Fine byte of Green
47	Blue	0	
48	Blue Fine	0	Fine byte of Blue
49	White	0	
50	White Fine	0	Fine byte of White
51	Red	0	
52	Red Fine	0	Fine byte of Red
53	Green	0	
54	Green Fine	0	Fine byte of Green
55	Blue	0	
56	Blue Fine	0	Fine byte of Blue
57	White	0	
58	White Fine	0	Fine byte of White
59	Red	0	
60	Red Fine	0	Fine byte of Red
61	Green	0	
62	Green Fine	0	Fine byte of Green
63	Blue	0	
64	Blue Fine	0	Fine byte of Blue
65	White	0	
66	White Fine	0	Fine byte of White
67	Red	0	
68	Red Fine	0	Fine byte of Red
69	Green	0	
70	Green Fine	0	Fine byte of Green
71	Blue	0	
72	Blue Fine	0	Fine byte of Blue
73	White	0	
74	White Fine	0	Fine byte of White
75	Red	0	
76	Red Fine	0	Fine byte of Red
77	Green	0	
78	Green Fine	0	Fine byte of Green
79	Blue	0	
80	Blue Fine	0	Fine byte of Blue
81	White	0	
82	White Fine	0	Fine byte of White

Ext-Cells 88CH

88 channels

Ch	Function	Default	DMX values

Ext-Cells 88CH (continued)

Ch	Function	Default	DMX values
1	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
2	Dimmer	0	
3	Dimmer Fine	0	Fine byte of Dimmer
4	Dimmer Mode	0	
5	Effect	0	0–19 Off 20–24 Program 1 25–29 Program 2 30–34 Program 3 35–39 Program 4 40–44 Program 5 45–49 Program 6 50–54 Program 7 55–59 Program 8 60–64 Program 9 65–69 Program 10 70–74 Program 11 75–79 Program 12 80–100 Idle 101–105 900 106–110 1000 111–115 1100 116–120 1200 (default) 121–125 1300 126–130 1400 131–135 1500 136–140 2500 141–145 4000 146–150 5000 151–155 10000 156–160 15000 161–165 20000 166–170 25000 171–200 Idle 201–210 Linear (default) 211–220 Square 221–230 Inverse Square 231–240 S-Curve 241–255 Idle
6	Effect Speed	0	
7	Effects1Fade	0	

Ext-Cells 88CH (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 Off (wheel slot 65) 1–4 Color Macro 1 (wheel slot 1) 5–8 Color Macro 2 (wheel slot 2) 9–12 Color Macro 3 (wheel slot 3) 13–16 Color Macro 4 (wheel slot 4) 17–20 Color Macro 5 (wheel slot 5) 21–24 Color Macro 6 (wheel slot 6) 25–28 Color Macro 7 (wheel slot 7) 29–32 Color Macro 8 (wheel slot 8) 33–36 Color Macro 9 (wheel slot 9) 37–40 Color Macro 10 (wheel slot 10) 41–44 Color Macro 11 (wheel slot 11) 45–48 Color Macro 12 (wheel slot 12) 49–52 Color Macro 13 (wheel slot 13) 53–56 Color Macro 14 (wheel slot 14) 57–60 Color Macro 15 (wheel slot 15) 61–64 Color Macro 16 (wheel slot 16) 65–68 Color Macro 17 (wheel slot 17) 69–72 Color Macro 18 (wheel slot 18) 73–76 Color Macro 19 (wheel slot 19) 77–80 Color Macro 20 (wheel slot 20) 81–84 Color Macro 21 (wheel slot 21) 85–88 Color Macro 22 (wheel slot 22) 89–92 Color Macro 23 (wheel slot 23) 93–96 Color Macro 24 (wheel slot 24) 97–100 Color Macro 25 (wheel slot 25) 101–104 Color Macro 26 (wheel slot 26) 105–108 Color Macro 27 (wheel slot 27) 109–112 Color Macro 28 (wheel slot 28) 113–116 Color Macro 29 (wheel slot 29) 117–120 Color Macro 30 (wheel slot 30) 121–124 Color Macro 31 (wheel slot 31) 125–128 Color Macro 32 (wheel slot 32) 129–132 Color Macro 33 (wheel slot 33) 133–136 Color Macro 34 (wheel slot 34) 137–140 Color Macro 35 (wheel slot 35) 141–144 Color Macro 36 (wheel slot 36) 145–148 Color Macro 37 (wheel slot 37) 149–152 Color Macro 38 (wheel slot 38) 153–156 Color Macro 39 (wheel slot 39) 157–160 Color Macro 40 (wheel slot 40) 161–164 Color Macro 41 (wheel slot 41) 165–168 Color Macro 42 (wheel slot 42) 169–172 Color Macro 43 (wheel slot 43) 173–176 Color Macro 44 (wheel slot 44) 177–180 Color Macro 45 (wheel slot 45) 181–184 Color Macro 46 (wheel slot 46) 185–188 Color Macro 47 (wheel slot 47) 189–192 Color Macro 48 (wheel slot 48) 193–196 Color Macro 49 (wheel slot 49) 197–200 Color Macro 50 (wheel slot 50) 201–204 Color Macro 51 (wheel slot 51) 205–208 Color Macro 52 (wheel slot 52) 209–212 Color Macro 53 (wheel slot 53) 213–216 Color Macro 54 (wheel slot 54) 217–220 Color Macro 55 (wheel slot 55) 221–224 Color Macro 56 (wheel slot 56) 225–228 Color Macro 57 (wheel slot 57) 229–232 Color Macro 58 (wheel slot 58) 233–236 Color Macro 59 (wheel slot 59) 237–240 Color Macro 60 (wheel slot 60) 241–244 Color Macro 61 (wheel slot 61) 245–248 Color Macro 62 (wheel slot 62) 249–252 Color Macro 63 (wheel slot 63)

Ext-Cells 88CH (continued)

Ch	Function	Default	DMX values
9	Red	0	
10	Red Fine	0	Fine byte of Red
11	Green	0	
12	Green Fine	0	Fine byte of Green
13	Blue	0	
14	Blue Fine	0	Fine byte of Blue
15	White	0	
16	White Fine	0	Fine byte of White
17	Red	0	
18	Red Fine	0	Fine byte of Red
19	Green	0	
20	Green Fine	0	Fine byte of Green
21	Blue	0	
22	Blue Fine	0	Fine byte of Blue
23	White	0	
24	White Fine	0	Fine byte of White
25	Red	0	
26	Red Fine	0	Fine byte of Red
27	Green	0	
28	Green Fine	0	Fine byte of Green
29	Blue	0	
30	Blue Fine	0	Fine byte of Blue
31	White	0	
32	White Fine	0	Fine byte of White
33	Red	0	
34	Red Fine	0	Fine byte of Red
35	Green	0	
36	Green Fine	0	Fine byte of Green
37	Blue	0	
38	Blue Fine	0	Fine byte of Blue
39	White	0	
40	White Fine	0	Fine byte of White
41	Red	0	
42	Red Fine	0	Fine byte of Red
43	Green	0	
44	Green Fine	0	Fine byte of Green
45	Blue	0	
46	Blue Fine	0	Fine byte of Blue
47	White	0	
48	White Fine	0	Fine byte of White
49	Red	0	
50	Red Fine	0	Fine byte of Red
51	Green	0	
52	Green Fine	0	Fine byte of Green
53	Blue	0	

Ext-Cells 88CH (continued)

Ch	Function	Default	DMX values
54	Blue Fine	0	Fine byte of Blue
55	White	0	
56	White Fine	0	Fine byte of White
57	Red	0	
58	Red Fine	0	Fine byte of Red
59	Green	0	
60	Green Fine	0	Fine byte of Green
61	Blue	0	
62	Blue Fine	0	Fine byte of Blue
63	White	0	
64	White Fine	0	Fine byte of White
65	Red	0	
66	Red Fine	0	Fine byte of Red
67	Green	0	
68	Green Fine	0	Fine byte of Green
69	Blue	0	
70	Blue Fine	0	Fine byte of Blue
71	White	0	
72	White Fine	0	Fine byte of White
73	Red	0	
74	Red Fine	0	Fine byte of Red
75	Green	0	
76	Green Fine	0	Fine byte of Green
77	Blue	0	
78	Blue Fine	0	Fine byte of Blue
79	White	0	
80	White Fine	0	Fine byte of White
81	Red	0	
82	Red Fine	0	Fine byte of Red
83	Green	0	
84	Green Fine	0	Fine byte of Green
85	Blue	0	
86	Blue Fine	0	Fine byte of Blue
87	White	0	
88	White Fine	0	Fine byte of White