Leding

Spark Max 4C



Manufacturer	**Leding**
Type	**PAR**
DMX modes	**11**
DMX footprint	**1, 2, 3, 4, 6, 8, 9, 10, 14, 15 channels**
Beam angle	**35°**
Heads / cells	**2**
Size (W × H × D)	**511 × 457 × 239 mm**
GDTF fixture type	**EA0F06FE-1457-1002-C1E9-04B…**

Controls

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

Safety-relevant functions

Strobe

DMX modes

1 Ch	1 ch
2 Ch	2 ch
3 Ch	3 ch
4 Ch	4 ch
6 Ch	6 ch
8 ChF	8 ch
9 ChF	9 ch
10 ChD	10 ch
10 ChF	10 ch
14 Ch	14 ch
15 Ch	15 ch

1 Ch

1 channel

Ch	Function	Default	DMX values
1	C OLORMIXER	0	1–5 No Color 6–11 Color 1 (wheel slot 1) 12–17 Color 2 (wheel slot 2) 18–23 Color 3 (wheel slot 3) 24–29 Color 4 (wheel slot 4) 30–35 Color 5 (wheel slot 5) 36–41 Color 6 (wheel slot 6) 42–47 Color 7 (wheel slot 7) 48–53 Color 8 (wheel slot 8) 54–59 Color 9 (wheel slot 9) 60–65 Color 10 (wheel slot 10) 66–71 Color 11 (wheel slot 11) 72–77 Color 12 (wheel slot 12) 78–83 Color 13 (wheel slot 13) 84–88 Color 14 (wheel slot 14) 89–94 Color 15 (wheel slot 15) 95–100 Color 16 (wheel slot 16) 101–106 Color 17 (wheel slot 17) 107–112 Color 18 (wheel slot 18) 113–118 Color 19 (wheel slot 19) 119–124 Color 20 (wheel slot 20) 125–130 Color 21 (wheel slot 21) 131–136 Color 22 (wheel slot 22) 137–142 Color 23 (wheel slot 23) 143–148 Color 24 (wheel slot 24) 149–154 Color 25 (wheel slot 25) 155–160 Color 26 (wheel slot 26) 161–166 Color 27 (wheel slot 27) 167–171 Color 28 (wheel slot 28) 172–177 Color 29 (wheel slot 29) 178–183 Color 30 (wheel slot 30) 184–189 Color 31 (wheel slot 31) 190–195 Color 32 (wheel slot 32) 196–201 Color 33 (wheel slot 33) 202–207 Color 34 (wheel slot 34) 208–213 Color 35 (wheel slot 35) 214–219 Color 36 (wheel slot 36) 220–225 Color 37 (wheel slot 37) 226–231 Color 38 (wheel slot 38) 232–237 Color 39 (wheel slot 39) 238–243 Color 40 (wheel slot 40) 244–249 Color 41 (wheel slot 41) 250–254 Color 42 (wheel slot 42) 255–255 Color 43 (wheel slot 43)

2 Ch

2 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	10	0–7 closed 8–15 open 16–150 max Strob 151–151 min Strobe 152–174 min pulse in 175–175 max pulse in 176–198 min pulse out 199–199 max pulse out 200–243 min random 244–244 max random 245–255 open
2	Dimmer	0	0–254 closed 255–255 open

3 Ch

3 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	

4 Ch

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	

6 Ch

6 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	10	0–7 closed 8–15 open 16–150 max Strob 151–151 min Strobe 152–174 min pulse in 175–175 max pulse in 176–198 min pulse out 199–199 max pulse out 200–243 min random 244–244 max random 245–255 open
2	Dimmer	0	0–254 closed 255–255 open
3	Red	255	
4	Green	255	
5	Blue	255	
6	White	255	

8 ChF

8 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	255	
8	White Fine	255	Fine byte of White

9 ChF

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open

9 ChF (continued)

Ch	Function	Default	DMX values
2	Red	255	
3	Red Fine	255	Fine byte of Red
4	Green	255	
5	Green Fine	255	Fine byte of Green
6	Blue	255	
7	Blue Fine	255	Fine byte of Blue
8	White	255	
9	White Fine	255	Fine byte of White

10 ChD

10 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	10	0–7 closed 8–15 open 16–150 max Strob 151–151 min Strobe 152–174 min pulse in 175–175 max pulse in 176–198 min pulse out 199–199 max pulse out 200–243 min random 244–244 max random 245–255 open
2	Dimmer	0	0–254 closed 255–255 open
3	Red	255	
4	Green	255	
5	Blue	255	
6	White	255	
7	Red	255	
8	Green	255	
9	Blue	255	
10	White	255	

10 ChF

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
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

14 Ch

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	255	
6	Red	255	
7	Green	255	
8	Blue	255	
9	White	255	
10	Shutter / Strobe	0	0–15 open 16–254 max Strob 255–255 min Strobe
11	C OLORMIXER	0	0–0 No Function 1–5 No Color 6–11 Color 1 (wheel slot 1) 12–17 Color 2 (wheel slot 2) 18–23 Color 3 (wheel slot 3) 24–29 Color 4 (wheel slot 4) 30–35 Color 5 (wheel slot 5) 36–41 Color 6 (wheel slot 6) 42–47 Color 7 (wheel slot 7) 48–53 Color 8 (wheel slot 8) 54–59 Color 9 (wheel slot 9) 60–65 Color 10 (wheel slot 10) 66–71 Color 11 (wheel slot 11) 72–77 Color 12 (wheel slot 12) 78–83 Color 13 (wheel slot 13) 84–88 Color 14 (wheel slot 14) 89–94 Color 15 (wheel slot 15) 95–100 Color 16 (wheel slot 16) 101–106 Color 17 (wheel slot 17) 107–112 Color 18 (wheel slot 18) 113–118 Color 19 (wheel slot 19) 119–124 Color 20 (wheel slot 20) 125–130 Color 21 (wheel slot 21) 131–136 Color 22 (wheel slot 22) 137–142 Color 23 (wheel slot 23) 143–148 Color 24 (wheel slot 24) 149–154 Color 25 (wheel slot 25) 155–160 Color 26 (wheel slot 26) 161–166 Color 27 (wheel slot 27) 167–171 Color 28 (wheel slot 28) 172–177 Color 29 (wheel slot 29) 178–183 Color 30 (wheel slot 30) 184–189 Color 31 (wheel slot 31) 190–195 Color 32 (wheel slot 32) 196–201 Color 33 (wheel slot 33) 202–207 Color 34 (wheel slot 34) 208–213 Color 35 (wheel slot 35) 214–219 Color 36 (wheel slot 36) 220–225 Color 37 (wheel slot 37) 226–231 Color 38 (wheel slot 38) 232–237 Color 39 (wheel slot 39) 238–243 Color 40 (wheel slot 40) 244–249 Color 41 (wheel slot 41) 250–254 Color 42 (wheel slot 42) 255–255 Color 43 (wheel slot 43)

14 Ch (continued)

Ch	Function	Default	DMX values
12	A UTOPROGRAM	0	0–35 No Function 36–71 Fade Out 72–107 Fade In 108–143 Fade In and Out 144–179 Fade by SIN Curve 180–215 Four Color Flow 216–255 Eigh Leds Flow
13	A UTOSPEED	0	
14	Dimmer Curve	0	0–63 Linear 64–127 Square 128–191 Inverted Sqaure 192–255 S-Curve

15 Ch

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
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	0–15 open 16–254 max Strob 255–255 min Strobe

15 Ch (continued)

Ch	Function	Default	DMX values
12	C OLORMIXER	0	0–0 No Function 1–5 No Color 6–11 Color 1 (wheel slot 1) 12–17 Color 2 (wheel slot 2) 18–23 Color 3 (wheel slot 3) 24–29 Color 4 (wheel slot 4) 30–35 Color 5 (wheel slot 5) 36–41 Color 6 (wheel slot 6) 42–47 Color 7 (wheel slot 7) 48–53 Color 8 (wheel slot 8) 54–59 Color 9 (wheel slot 9) 60–65 Color 10 (wheel slot 10) 66–71 Color 11 (wheel slot 11) 72–77 Color 12 (wheel slot 12) 78–83 Color 13 (wheel slot 13) 84–88 Color 14 (wheel slot 14) 89–94 Color 15 (wheel slot 15) 95–100 Color 16 (wheel slot 16) 101–106 Color 17 (wheel slot 17) 107–112 Color 18 (wheel slot 18) 113–118 Color 19 (wheel slot 19) 119–124 Color 20 (wheel slot 20) 125–130 Color 21 (wheel slot 21) 131–136 Color 22 (wheel slot 22) 137–142 Color 23 (wheel slot 23) 143–148 Color 24 (wheel slot 24) 149–154 Color 25 (wheel slot 25) 155–160 Color 26 (wheel slot 26) 161–166 Color 27 (wheel slot 27) 167–171 Color 28 (wheel slot 28) 172–177 Color 29 (wheel slot 29) 178–183 Color 30 (wheel slot 30) 184–189 Color 31 (wheel slot 31) 190–195 Color 32 (wheel slot 32) 196–201 Color 33 (wheel slot 33) 202–207 Color 34 (wheel slot 34) 208–213 Color 35 (wheel slot 35) 214–219 Color 36 (wheel slot 36) 220–225 Color 37 (wheel slot 37) 226–231 Color 38 (wheel slot 38) 232–237 Color 39 (wheel slot 39) 238–243 Color 40 (wheel slot 40) 244–249 Color 41 (wheel slot 41) 250–254 Color 42 (wheel slot 42) 255–255 Color 43 (wheel slot 43)
13	A UTOPROGRAM	0	0–35 No Function 36–71 Fade Out 72–107 Fade In 108–143 Fade In and Out 144–179 Fade by SIN Curve 180–215 Four Color Flow 216–255 Eigh Leds Flow
14	A UTOSPEED	0	
15	Dimmer Curve	0	0–63 Linear 64–127 Square 128–191 Invert square 192–255 S-curve