EK Lights

SOFT LIGHT 250



Manufacturer	**EK Lights**
Type	**Effect light**
DMX modes	**18**
DMX footprint	**1, 2, 4, 5, 6, 7, 10, 11, 15, 17 channels**
Beam angle	**110°**
Size (W × H × D)	**467 × 255 × 62 mm**
GDTF fixture type	**6FD97C72-80A2-4299-A8D6-4A...**

Controls

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

Safety-relevant functions

Built-in effect programmes

DMX modes

THEATRE 1CH	1 ch
THEATRE 2CH	2 ch
PIXEL 2H PIXEL	4 ch
PIXEL 2V PIXEL	4 ch
PIXEL 4 PIXEL	4 ch
THEATRE 4CH	4 ch
TOUR 4CH	4 ch
THEATRE 5CH 1	5 ch
THEATRE 5CH 2	5 ch
THEATRE 6CH	6 ch
TOUR 6CH	6 ch
PIXEL 1PIXEL	7 ch
THEATRE 10CH	10 ch
TOUR 10CH	10 ch
TOUR 11CH	11 ch
THEATRE 15CH	15 ch
TOUR 15CH	15 ch
THEATRE 17CH	17 ch

THEATRE 1CH

1 channel

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

THEATRE 2CH

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Mode	0	0–0 Read From Menu 1–255 0-100%

PIXEL 2H PIXEL

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Min 0–29.6 Hz 100–100 Strobe · Max 30 Hz 101–130 Open1 131–199 StrobeRandom · Min 0–29.6 Hz 200–200 StrobeRandom · Max 30 Hz 201–255 Open2
3	Dimmer Mode	0	0–0 Read From Menu 1–255 0-100%
4	White	255	

PIXEL 2V PIXEL

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Min 0–29.6 Hz 100–100 Strobe · Max 30 Hz 101–130 Open1 131–199 StrobeRandom · Min 0–29.6 Hz 200–200 StrobeRandom · Max 30 Hz 201–255 Open2
3	Dimmer Mode	0	0–0 Read From Menu 1–255 0-100%
4	White	255	

PIXEL 4 PIXEL

4 channels

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

PIXEL 4 PIXEL (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Min 0–29.6 Hz 100–100 Strobe · Max 30 Hz 101–130 Open1 131–199 StrobeRandom · Min 0–29.6 Hz 200–200 StrobeRandom · Max 30 Hz 201–255 Open2
3	Dimmer Mode	0	0–0 Read From Menu 1–255 0-100%
4	White	255	

THEATRE 4CH

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TO	0	0–31 2800K - 3200K 32–63 3200K - 3500K 64–95 3500K - 4000K 96–127 4000K - 4500K 128–159 4500K - 5000K 160–191 5000K - 5600K 192–223 5600K - 6000K 224–255 6000K - 6500K
3	Hue	128	0–0 0 1–255 -25 To 25
4	Dimmer Mode	0	0–0 Read From Menu 1–255 0-100%

TOUR 4CH

4 channels

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

THEATRE 5CH 1

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TO	0	0–31 2800K - 3200K 32–63 3200K - 3500K 64–95 3500K - 4000K 96–127 4000K - 4500K 128–159 4500K - 5000K 160–191 5000K - 5600K 192–223 5600K - 6000K 224–255 6000K - 6500K
4	Hue	128	0–0 0 1–255 -25 To 25

THEATRE 5CH 1 (continued)

Ch	Function	Default	DMX values
5	Dimmer Mode	0	0–0 Read From Menu 1–255 0-100%

THEATRE 5CH 2

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TO	0	0–31 2800K - 3200K 32–63 3200K - 3500K 64–95 3500K - 4000K 96–127 4000K - 4500K 128–159 4500K - 5000K 160–191 5000K - 5600K 192–223 5600K - 6000K 224–255 6000K - 6500K
3	Hue	128	0–0 0 1–255 -25 To 25
4	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Min 0–29.6 Hz 100–100 Strobe · Max 30 Hz 101–130 Open1 131–199 StrobeRandom · Min 0–29.6 Hz 200–200 StrobeRandom · Max 30 Hz 201–255 Open2
5	Dimmer Mode	0	0–0 Read From Menu 1–255 0-100%

THEATRE 6CH

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TO	0	0–31 2800K - 3200K 32–63 3200K - 3500K 64–95 3500K - 4000K 96–127 4000K - 4500K 128–159 4500K - 5000K 160–191 5000K - 5600K 192–223 5600K - 6000K 224–255 6000K - 6500K
3	Hue	128	0–0 0 1–255 -25 To 25
4	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Min 0–29.6 Hz 100–100 Strobe · Max 30 Hz 101–130 Open1 131–199 StrobeRandom · Min 0–29.6 Hz 200–200 StrobeRandom · Max 30 Hz 201–255 Open2
5	Color Macro1	0	0–2 No Function 3–5 Amber Shift on 6–255 Color Macro
6	Dimmer Mode	0	0–0 Read From Menu 1–255 0-100%

TOUR 6CH

6 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	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Min 0–29.6 Hz 100–100 Strobe · Max 30 Hz 101–130 Open1 131–199 StrobeRandom · Min 0–29.6 Hz 200–200 StrobeRandom · Max 30 Hz 201–255 Open2

PIXEL 1PIXEL

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Min 0–29.6 Hz 100–100 Strobe · Max 30 Hz 101–130 Open1 131–199 StrobeRandom · Min 0–29.6 Hz 200–200 StrobeRandom · Max 30 Hz 201–255 Open2
3	Dimmer Mode	0	0–0 Read From Menu 1–255 0-100%
4	Red	255	
5	Green	255	
6	Blue	255	
7	White	255	

THEATRE 10CH

10 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	C TO	255	0–30 2800K -3200K 31–60 3200K-3500K 61–90 3500K-4000K 91–120 4000K-4500K 121–150 4500K-5000K 151–180 5000K-5600K 181–210 5600K-6000K 211–240 6000K-6500K 241–255 No Function
7	Hue	128	0–0 0 1–255 -25 To 25

THEATRE 10CH (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Min 0–29.6 Hz 100–100 Strobe · Max 30 Hz 101–130 Open1 131–199 StrobeRandom · Min 0–29.6 Hz 200–200 StrobeRandom · Max 30 Hz 201–255 Open2
9	Color Macro1	0	0–2 No Function 3–5 Amber Shift on 6–255 Color Macro
10	Dimmer Mode	0	0–0 Read From Menu 1–255 0-100%

TOUR 10CH

10 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	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Min 0–29.6 Hz 100–100 Strobe · Max 30 Hz 101–130 Open1 131–199 StrobeRandom · Min 0–29.6 Hz 200–200 StrobeRandom · Max 30 Hz 201–255 Open2
7	C TO	0	0–5 No Function 6–30 2800K 31–55 3200K 56–80 3500K 81–105 4000K 106–130 4500K 131–155 5000K 156–180 5600K 181–205 6000K 206–230 6500K 231–255 No Function
8	Effect	0	0–10 No Function 11–32 Effect 1 33–54 Effect 2 55–76 Effect 3 77–98 Effect 4 99–120 Effect 5 121–142 Candle 143–164 Cop Car 165–186 Fire 187–208 Fireworks 209–230 Paparazzi 231–255 Television
9	Effect Speed	0	0–127 Slow 128–254 Medium 255–255 Fast
10	Dimmer Mode	0	0–0 Read From Menu 1–255 0-100%

TOUR 11CH

11 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	255	0–30 Closed 31–99 Strobe · Min 0–29.6 Hz 100–100 Strobe · Max 30 Hz 101–130 Open1 131–199 StrobeRandom · Min 0–29.6 Hz 200–200 StrobeRandom · Max 30 Hz 201–255 Open2

THEATRE 15CH

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	C TO	255	0–30 2800K -3200K 31–60 3200K-3500K 61–90 3500K-4000K 91–120 4000K-4500K 121–150 4500K-5000K 151–180 5000K-5600K 181–210 5600K-6000K 211–240 6000K-6500K 241–255 No Function
12	Hue	128	0–0 0 1–255 -25 To 25
13	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Min 0–29.6 Hz 100–100 Strobe · Max 30 Hz 101–130 Open1 131–199 StrobeRandom · Min 0–29.6 Hz 200–200 StrobeRandom · Max 30 Hz 201–255 Open2

THEATRE 15CH (continued)

Ch	Function	Default	DMX values
14	Color Macro1	0	0–2 No Function 3–5 Amber Shift on 6–255 Color Macro
15	Dimmer Mode	0	0–0 Read From Menu 1–255 0-100%

TOUR 15CH

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	255	0–30 Closed 31–99 Strobe · Min 0–29.6 Hz 100–100 Strobe · Max 30 Hz 101–130 Open1 131–199 StrobeRandom · Min 0–29.6 Hz 200–200 StrobeRandom · Max 30 Hz 201–255 Open2
12	C TO	0	0–5 No Function 6–30 2800K 31–55 3200K 56–80 3500K 81–105 4000K 106–130 4500K 131–155 5000K 156–180 5600K 181–205 6000K 206–230 6500K 231–255 No Function
13	Effect	0	0–10 No Function 11–32 Effect 1 33–54 Effect 2 55–76 Effect 3 77–98 Effect 4 99–120 Effect 5 121–142 Candle 143–164 Cop Car 165–186 Fire 187–208 Fireworks 209–230 Paparazzi 231–255 Television
14	Effect Speed	0	0–127 Slow 128–254 Medium 255–255 Fast
15	Dimmer Mode	0	0–0 Read From Menu 1–255 0-100%

THEATRE 17CH

17 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	255	0–30 Closed 31–99 Strobe · Min 0–29.6 Hz 100–100 Strobe · Max 30 Hz 101–130 Open1 131–199 StrobeRandom · Min 0–29.6 Hz 200–200 StrobeRandom · Max 30 Hz 201–255 Open2
4	C TO	255	0–30 2800K -3200K 31–60 3200K-3500K 61–90 3500K-4000K 91–120 4000K-4500K 121–150 4500K-5000K 151–180 5000K-5600K 181–210 5600K-6000K 211–240 6000K-6500K 241–255 No Function
5	Hue	128	0–0 0 1–255 -25 To 25
6	Crossfade	0	
7	Red	255	
8	Red Fine	255	Fine byte of Red
9	Green	255	
10	Green Fine	255	Fine byte of Green
11	Blue	255	
12	Blue Fine	255	Fine byte of Blue
13	White	255	
14	White Fine	255	Fine byte of White
15	Color Macro1	0	0–2 No Function 3–5 Amber Shift on 6–255 Color Macro
16	C TOOn Colors	0	
17	Dimmer Mode	0	0–0 Read From Menu 1–255 0-100%