EK Lights

Ratel



Manufacturer	**EK Lights**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**18 channels**
Beam angle	**2°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**230 × 370 × 220 mm**
GDTF fixture type	**0051E47E-7A5F-43B1-B703-BFF…**

Controls

Focus · Frost · Prism · Prism rotation · Colour wheel · Strobe · Dimmer · Pan and tilt · Gobos

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

18CH — 18 ch

18CH

18 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Shutter / Strobe	255	0–10 Closed 11–81 Strobe · min 1–11.8 Hz 82–82 Strobe · max 12 Hz 83–93 Open1 94–162 Pulse Strobe · Min 1–11.8 Hz 163–163 Pulse Strobe · Max 12 Hz 164–174 Open2 175–243 Random Strobe · Min 1–11.8 Hz 244–244 Random Strobe · Max 12 Hz 245–255 Open3
6	Dimmer	0	0–254 Closed 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer
8	Color Wheel	0	0–8 open (wheel slot 1) 9–16 color 1 (wheel slot 2) 17–25 color 2 (wheel slot 3) 26–33 color 3 (wheel slot 4) 34–42 color 4 (wheel slot 5) 43–50 color 5 (wheel slot 6) 51–59 color 6 (wheel slot 7) 60–67 color 7 (wheel slot 8) 68–76 color 8 (wheel slot 9) 77–84 color 9 (wheel slot 10) 85–93 color 10 (wheel slot 11) 94–101 color 11 (wheel slot 12) 102–110 color 12 (wheel slot 13) 111–118 color 13 (wheel slot 14) 119–127 color 14 (wheel slot 15) 128–190 CW 191–192 Stop 193–255 CCW

18CH (continued)

Ch	Function	Default	DMX values
9	Gobo	0	0–8 white (wheel slot 1) 9–10 gobo 1 (wheel slot 2) 11–12 gobo 2 (wheel slot 3) 13–14 gobo 3 (wheel slot 4) 15–16 gobo 4 (wheel slot 5) 17–18 gobo 5 (wheel slot 6) 19–20 gobo 6 (wheel slot 7) 21–22 gobo 7 (wheel slot 8) 23–24 gobo 8 (wheel slot 9) 25–26 gobo 9 (wheel slot 10) 27–28 gobo 10 (wheel slot 11) 29–30 gobo 11 (wheel slot 12) 31–32 gobo 12 (wheel slot 13) 33–34 gobo 13 (wheel slot 14) 35–36 gobo 14 (wheel slot 15) 37–38 gobo 15 (wheel slot 16) 39–40 gobo 16 (wheel slot 17) 41–42 gobo 17 (wheel slot 18) 43–47 Gobo1 Shaking Slow to Fast 48–52 Gobo2 Shaking Slow to Fast 53–57 Gobo3 Shaking Slow to Fast 58–62 Gobo4 Shaking Slow to Fast 63–67 Gobo5 Shaking Slow to Fast 68–72 Gobo6 Shaking Slow to Fast 73–77 Gobo7 Shaking Slow to Fast 78–82 Gobo8 Shaking Slow to Fast 83–87 Gobo9 Shaking Slow to Fast 88–92 Gobo10 Shaking Slow to Fast 93–97 Gobo11 Shaking Slow to Fast 98–102 Gobo12 Shaking Slow to Fast 103–107 Gobo13 Shaking Slow to Fast 108–112 Gobo14 Shaking Slow to Fast 113–117 Gobo15 Shaking Slow to Fast 118–122 Gobo16 Shaking Slow to Fast 123–127 Gobo17 Shaking Slow to Fast 128–190 CW 191–192 STOP 193–255 CCW
10	Prism	0	0–127 Open (wheel slot 1) 128–255 8 Facet (wheel slot 2)
11	Prism Rotation	0	0–0 Open 1–127 Prism Index 128–190 CW (wheel slot 2) 191–192 Stop (wheel slot 2) 193–255 CCW (wheel slot 2)
12	Prism	0	0–127 Open (wheel slot 1) 128–255 24 Facet (wheel slot 2)
13	Prism Rotation	0	0–0 Open 1–127 Prism Index 128–190 CW (wheel slot 2) 191–192 Stop (wheel slot 2) 193–255 CCW (wheel slot 2)
14	Frost1	0	
15	Focus	0	
16	Focus Fine	0	Fine byte of Focus

18CH (continued)

Ch	Function	Default	DMX values
17	Control1	0	0–190 TBD 191–195 Reflection OFF 196–200 Reflection ON 201–205 All Reset 206–210 Pan/Tilt Reset 211–215 Head Reset 216–255 TBD
18	Lamp Control	0	0–25 No Function 26–100 Lamp Off 101–255 Lamp ON