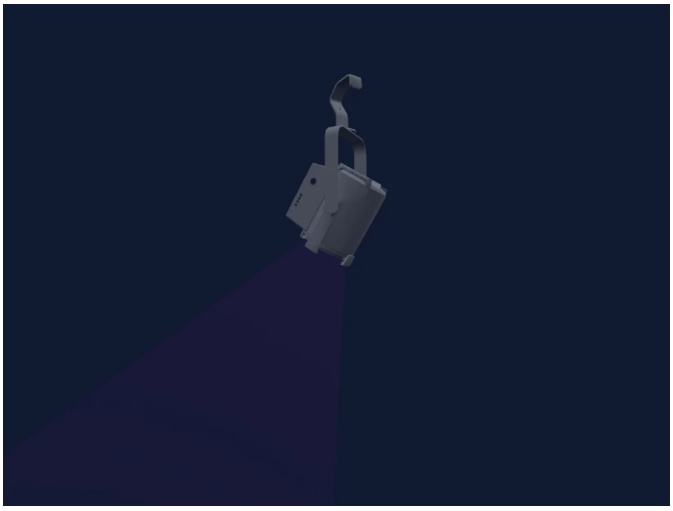
Prolights

EclMiniFRFC



Manufacturer	**Prolights**
Type	**Moving head**
DMX modes	**13**
DMX footprint	**1, 2, 3, 4, 5, 6, 7, 9, 12, 14, 17 channels**
Beam angle	**24-82°**
Pan range	**360°**
Tilt range	**360°**
Size (W × H × D)	**155 × 192 × 171 mm**
GDTF fixture type	**1DB102AB-7994-4732-9949-39…**

Controls

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

Safety-relevant functions

Strobe

DMX modes

Theater_1ch	1 ch
Theater_2ch	2 ch
Theater_3ch	3 ch
Theater_4ch	4 ch
Tour_4ch	4 ch
Theater_5ch	5 ch
Tour_6ch	6 ch
Tour_7ch	7 ch
Theater_9ch	9 ch
Tour_9ch	9 ch
Tour_12ch	12 ch
Theater_14ch	14 ch
Theater_17ch	17 ch

Theater_1ch

1 channel

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

Theater_2ch

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

Theater_3ch

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	0	0–50 2800K-3200K 51–101 3200K-4200K 102–152 4200K-5500K 153–203 5500K-6000K 204–255 6000K-8000K
3	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

Theater_4ch

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	0	0–50 2800K-3200K 51–101 3200K-4200K 102–152 4200K-5500K 153–203 5500K-6000K 204–255 6000K-8000K
3	Shutter / Strobe	0	0–10 Open 11–254 Strobe slow 255–255 Strobe fast
4	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

Tour_4ch

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	

Tour_4ch (continued)

Ch	Function	Default	DMX values
3	Blue	255	
4	Color Add GY	255	

Theater_5ch

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	0	0–50 2800K-3200K 51–101 3200K-4200K 102–152 4200K-5500K 153–203 5500K-6000K 204–255 6000K-8000K
3	Shutter / Strobe	0	0–10 Open 11–254 Strobe slow 255–255 Strobe fast
4	Color Macro1	0	0–2 NoFunction 3–5 AmberShiftOn 6–40 Red (wheel slot 1) 41–75 Red+Green (wheel slot 2) 76–109 Green (wheel slot 3) 110–145 Green + Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue + Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
5	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

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	Color Add GY	255	
6	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

Tour_7ch

7 channels

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

Tour_7ch (continued)

Ch	Function	Default	DMX values
3	Green	255	
4	Blue	255	
5	Color Add GY	255	
6	Shutter / Strobe	0	0–10 Open 11–254 Strobe slow 255–255 Strobe fast
7	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

Theater_9ch

9 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	Color Add GY	255	
6	C TC	0	0–42 2800K-3200K 43–84 3200K-4200K 85–126 4200K-5500K 127–168 5500K-6000K 169–210 6000K-8000K 211–255 NoFeature
7	Shutter / Strobe	0	0–10 Open 11–254 Strobe slow 255–255 Strobe fast
8	Color Macro1	0	0–2 NoFunction 3–5 AmberShiftOn 6–40 Red (wheel slot 1) 41–75 Red+Green (wheel slot 2) 76–109 Green (wheel slot 3) 110–145 Green + Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue + Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
9	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

Tour_9ch

9 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

Tour_9ch (continued)

Ch	Function	Default	DMX values
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	Color Add GY	255	
8	Color Add GY Fine	255	Fine byte of Color Add GY
9	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

Tour_12ch

12 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	Color Add GY	255	
10	Color Add GY Fine	255	Fine byte of Color Add GY
11	Shutter / Strobe	0	0–10 Open 11–254 Strobe slow 255–255 Strobe fast
12	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

Theater_14ch

14 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	Color Add GY	255	
10	Color Add GY Fine	255	Fine byte of Color Add GY

Theater_14ch (continued)

Ch	Function	Default	DMX values
11	C TC	0	0–42 2800K-3200K 43–84 3200K-4200K 85–126 4200K-5500K 127–168 5500K-6000K 169–210 6000K-8000K 211–255 NoFeature
12	Shutter / Strobe	0	0–10 Open 11–254 Strobe slow 255–255 Strobe fast
13	Color Macro1	0	0–2 NoFunction 3–5 AmberShiftOn 6–40 Red (wheel slot 1) 41–75 Red+Green (wheel slot 2) 76–109 Green (wheel slot 3) 110–145 Green + Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue + Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
14	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

Theater_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	0	0–30 Open 31–99 Strobe slow 100–100 Strobe fast 101–130 Open 131–199 Random Slow 200–200 Random Fast 201–255 Open
4	C TC	0	0–50 2800K-3200K 51–101 3200K-4200K 102–152 4200K-5500K 153–203 5500K-6000K 204–255 6000K-8000K
5	Tint	127	0–126 -25 127–254 0 255–255 +25
6	Color Xfade	0	0–254 CTC 255–255 ColorMix
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	Color Add GY	255	

Theater_17ch (continued)

Ch	Function	Default	DMX values
14	Color Add GY Fine	255	Fine byte of Color Add GY
15	Color Macro1	0	0–2 NoFunction 3–5 AmberShiftOn 6–40 Red (wheel slot 1) 41–75 Red+Green (wheel slot 2) 76–109 Green (wheel slot 3) 110–145 Green + Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue + Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
16	Color Control	0	0–254 CTO On Colors off 255–255 CTO On Colors on
17	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow