Prolights

AstraPar7ZIP



Manufacturer	**Prolights**
Type	**Moving head**
DMX modes	**11**
DMX footprint	**1, 2, 6, 12, 14, 21, 33 channels**
Beam angle	**4-52°**
Pan range	**360°**
Tilt range	**360°**
Heads / cells	**2**
Size (W × H × D)	**292 × 273 × 45 mm**
GDTF fixture type	**89A4A41D-63E4-488B-8742-05…**

Controls

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

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

UNO_1ch	1 ch
DUO_2ch	2 ch
Basic	6 ch
Basic_16bit	12 ch
Standard_14ch	14 ch
Extended_21ch	21 ch
Extended_21ch + PixelPixel_28ch	21 ch
Extended_21ch + PixelRing_8ch	21 ch
Advanced_33ch	33 ch
Advanced_33ch + PixelPixel_28ch	33 ch
Advanced_33ch + PixelRing_8ch	33 ch

UNO_1ch

1 channel

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

DUO_2ch

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

Basic

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 WW	255	
6	Zoom	128	

Basic_16bit

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 WW	255	
10	Color Add WW Fine	255	Fine byte of Color Add WW
11	Zoom	128	
12	Zoom Fine	0	Fine byte of Zoom

Standard_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	C TC	128	0–254 2800K 255–255 10000K

Standard_14ch (continued)

Ch	Function	Default	DMX values
4	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25
5	Color XFade	255	0–254 CTC 255–255 Colors
6	Red	255	
7	Green	255	
8	Blue	255	
9	Color Add WW	255	
10	Color Macro1	0	
11	Shutter / Strobe	255	0–1 Shutter_Open 2–61 Strobe_Slow 62–62 Strobe_Fast 63–64 Shutter_Open 65–124 StrobePulseIN_Slow 125–125 StrobePulseIN_Fast 126–127 Shutter_Close 128–187 StrobePulseOUT_Slow 188–188 StrobePulseOUT_Fast 189–190 Shutter_Open 191–250 RandomStrobe_Slow 251–251 RandomStrobe_Fast 252–255 Shutter_Open
12	Zoom	128	
13	Zoom Fine	0	Fine byte of Zoom
14	Control1	0	

Extended_21ch

21 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 TC	128	0–254 2800K 255–255 10000K
4	C TC Fine	128	Fine byte of C TC
5	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25
6	Color XFade	255	0–254 CTC 255–255 Colors
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 WW	255	
14	Color Add WW Fine	255	Fine byte of Color Add WW
15	Color Macro1	0	

Extended_21ch (continued)

Ch	Function	Default	DMX values
16	Color Control	0	0–254 CTO On Colors min 255–255 CTO On Colors max
17	Shutter / Strobe	255	0–1 Shutter_Open 2–61 Strobe_Slow 62–62 Strobe_Fast 63–64 Shutter_Open 65–124 StrobePulseIN_Slow 125–125 StrobePulseIN_Fast 126–127 Shutter_Close 128–187 StrobePulseOUT_Slow 188–188 StrobePulseOUT_Fast 189–190 Shutter_Open 191–250 RandomStrobe_Slow 251–251 RandomStrobe_Fast 252–255 Shutter_Open
18	Zoom	128	
19	Zoom Fine	0	Fine byte of Zoom
20	Control1	0	
21	Pixel Engine Cross Fade	0	0–254 Patterns 255–255 Pixels

Extended_21ch + PixelPixel_28ch

21 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 TC	128	0–254 2800K 255–255 10000K
4	C TC Fine	128	Fine byte of C TC
5	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25
6	Color XFade	255	0–254 CTC 255–255 Colors
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 WW	255	
14	Color Add WW Fine	255	Fine byte of Color Add WW
15	Color Macro1	0	
16	Color Control	0	0–254 CTO On Colors min 255–255 CTO On Colors max

Extended_21ch + PixelPixel_28ch (continued)

Ch	Function	Default	DMX values
17	Shutter / Strobe	0	0–1 Shutter_Open 2–61 Strobe_Slow 62–62 Strobe_Fast 63–64 Shutter_Open 65–124 StrobePulseIN_Slow 125–125 StrobePulseIN_Fast 126–127 Shutter_Close 128–187 StrobePulseOUT_Slow 188–188 StrobePulseOUT_Fast 189–190 Shutter_Open 191–250 RandomStrobe_Slow 251–251 RandomStrobe_Fast 252–255 Shutter_Open
18	Zoom	128	
19	Zoom Fine	0	Fine byte of Zoom
20	Control1	0	
21	Pixel Engine Cross Fade	0	0–254 Patterns 255–255 Pixels

Extended_21ch + PixelRing_8ch

21 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 TC	128	0–254 2800K 255–255 10000K
4	C TC Fine	128	Fine byte of C TC
5	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25
6	Color XFade	255	0–254 CTC 255–255 Colors
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 WW	255	
14	Color Add WW Fine	255	Fine byte of Color Add WW
15	Color Macro1	0	
16	Color Control	0	0–254 CTO On Colors min 255–255 CTO On Colors max

Extended_21ch + PixelRing_8ch (continued)

Ch	Function	Default	DMX values
17	Shutter / Strobe	0	0–1 Shutter_Open 2–61 Strobe_Slow 62–62 Strobe_Fast 63–64 Shutter_Open 65–124 StrobePulseIN_Slow 125–125 StrobePulseIN_Fast 126–127 Shutter_Close 128–187 StrobePulseOUT_Slow 188–188 StrobePulseOUT_Fast 189–190 Shutter_Open 191–250 RandomStrobe_Slow 251–251 RandomStrobe_Fast 252–255 Shutter_Open
18	Zoom	128	
19	Zoom Fine	0	Fine byte of Zoom
20	Control1	0	
21	Pixel Engine Cross Fade	0	0–254 Patterns 255–255 Pixels

Advanced_33ch

33 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 TC	128	0–254 2800K 255–255 10000K
4	C TC Fine	128	Fine byte of C TC
5	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25
6	Color XFade	255	0–254 CTC 255–255 Colors
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 WW	255	
14	Color Add WW Fine	255	Fine byte of Color Add WW
15	Color Macro1	0	
16	Color Control	0	0–254 CTO On Colors min 255–255 CTO On Colors max

Advanced_33ch (continued)

Ch	Function	Default	DMX values
17	Shutter / Strobe	0	0–1 Shutter_Open 2–61 Strobe_Slow 62–62 Strobe_Fast 63–64 Shutter_Open 65–124 StrobePulseIN_Slow 125–125 StrobePulseIN_Fast 126–127 Shutter_Close 128–187 StrobePulseOUT_Slow 188–188 StrobePulseOUT_Fast 189–190 Shutter_Open 191–250 RandomStrobe_Slow 251–251 RandomStrobe_Fast 252–255 Shutter_Open
18	Zoom	128	
19	Zoom Fine	0	Fine byte of Zoom
20	Control1	0	
21	Pixel Engine Cross Fade	0	0–254 Patterns 255–255 Pixels
22	Effect	0	0–16 No Effect 17–22 Ring All 23–28 Ring All Bounce 29–34 Single Ring 35–40 Single Ring Bounce 41–46 Pixels Right 47–52 Single Pixel Line Right 53–58 Single Pixel Line Right Bounce 59–64 Pixels Bottom 65–70 Single Pixel Line Bottom 71–76 Single Pixel Line Bottom Bounce 77–82 Half Rotate 83–88 Metro Tunnel 89–94 Random 1px 95–100 Random 2px 101–106 Random 4px 107–112 Random 5px 113–118 Random 7px 119–124 Ring 1 Pixel Circular px1 125–130 Ring 1 Pixel Circular px3 131–255 Reserved
23	Effect Speed	0	0–126 Index 0 127–127 Index 360 128–189 CW Fast 190–190 Cw Slow 192–192 Stop Rotate 193–254 CCW Slow 255–255 CCW Fast
24	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
25	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
26	Dimmer	0	0–254 Closed 255–255 Open

Advanced_33ch (continued)

Ch	Function	Default	DMX values
27	Shutter / Strobe	255	1–1 FG_Shutter_Close 2–61 FG_Strobe_Slow 62–62 FG_Strobe_Fast 64–64 FG_Shutter_Open 65–124 FG_StrobePulseIN_Slow 125–125 FG_StrobePulseIN_Fast 127–127 FG_Shutter_Open 128–187 FG_StrobePulseOut_Slow 188–188 FG_StrobePulseOut_Fast 190–190 FG_Shutter_Open 191–250 FG_RandomStrobe_Slow 251–251 FG_RandomStrobe_Fast 255–255 FG_Shutter_Open
28	Dimmer	0	0–254 Closed 255–255 Open
29	Shutter / Strobe	255	1–1 BG_Shutter_Close 2–61 BG_Strobe_Slow 62–62 BG_Strobe_Fast 64–64 BG_Shutter_Open 65–124 BG_StrobePulseIN_Slow 125–125 BG_StrobePulseIN_Fast 127–127 BG_Shutter_Open 128–187 BG_StrobePulseOUT_Slow 188–188 BG_StrobePulseOUT_Fast 190–190 BG_Shutter_Open 191–250 BG_RandomStrobe_Slow 251–251 BG_RandomStrobe_Fast 255–255 BG_Shutter_Open
30	Red	0	
31	Green	0	
32	Blue	0	
33	Color Add WW	0	

Advanced_33ch + PixelPixel_28ch

33 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 TC	128	0–254 2800K 255–255 10000K
4	C TC Fine	128	Fine byte of C TC
5	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25
6	Color XFade	255	0–254 CTC 255–255 Colors
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 WW	255	

Advanced_33ch + PixelPixel_28ch (continued)

Ch	Function	Default	DMX values
14	Color Add WW Fine	255	Fine byte of Color Add WW
15	Color Macro1	0	
16	Color Control	0	0–254 CTO On Colors min 255–255 CTO On Colors max
17	Shutter / Strobe	0	0–1 Shutter_Open 2–61 Strobe_Slow 62–62 Strobe_Fast 63–64 Shutter_Open 65–124 StrobePulseIN_Slow 125–125 StrobePulseIN_Fast 126–127 Shutter_Close 128–187 StrobePulseOUT_Slow 188–188 StrobePulseOUT_Fast 189–190 Shutter_Open 191–250 RandomStrobe_Slow 251–251 RandomStrobe_Fast 252–255 Shutter_Open
18	Zoom	128	
19	Zoom Fine	0	Fine byte of Zoom
20	Control1	0	
21	Pixel Engine Cross Fade	0	0–254 Patterns 255–255 Pixels
22	Effect	0	0–16 No Effect 17–22 Ring All 23–28 Ring All Bounce 29–34 Single Ring 35–40 Single Ring Bounce 41–46 Pixels Right 47–52 Single Pixel Line Right 53–58 Single Pixel Line Right Bounce 59–64 Pixels Bottom 65–70 Single Pixel Line Bottom 71–76 Single Pixel Line Bottom Bounce 77–82 Half Rotate 83–88 Metro Tunnel 89–94 Random 1px 95–100 Random 2px 101–106 Random 4px 107–112 Random 5px 113–118 Random 7px 119–124 Ring 1 Pixel Circular px1 125–130 Ring 1 Pixel Circular px3 131–255 Reserved
23	Effect Speed	0	0–126 Index 0 127–127 Index 360 128–189 CW Fast 190–190 Cw Slow 192–192 Stop Rotate 193–254 CCW Slow 255–255 CCW Fast
24	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
25	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
26	Dimmer	0	0–254 Closed 255–255 Open

Advanced_33ch + PixelPixel_28ch (continued)

Ch	Function	Default	DMX values
27	Shutter / Strobe	255	1–1 FG_Shutter_Close 2–61 FG_Strobe_Slow 62–62 FG_Strobe_Fast 64–64 FG_Shutter_Open 65–124 FG_StrobePulseIN_Slow 125–125 FG_StrobePulseIN_Fast 127–127 FG_Shutter_Open 128–187 FG_StrobePulseOut_Slow 188–188 FG_StrobePulseOut_Fast 190–190 FG_Shutter_Open 191–250 FG_RandomStrobe_Slow 251–251 FG_RandomStrobe_Fast 255–255 FG_Shutter_Open
28	Dimmer	0	0–254 Closed 255–255 Open
29	Shutter / Strobe	255	1–1 BG_Shutter_Close 2–61 BG_Strobe_Slow 62–62 BG_Strobe_Fast 64–64 BG_Shutter_Open 65–124 BG_StrobePulseIN_Slow 125–125 BG_StrobePulseIN_Fast 127–127 BG_Shutter_Open 128–187 BG_StrobePulseOUT_Slow 188–188 BG_StrobePulseOUT_Fast 190–190 BG_Shutter_Open 191–250 BG_RandomStrobe_Slow 251–251 BG_RandomStrobe_Fast 255–255 BG_Shutter_Open
30	Red	0	
31	Green	0	
32	Blue	0	
33	Color Add WW	0	

Advanced_33ch + PixelRing_8ch

33 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 TC	128	0–254 2800K 255–255 10000K
4	C TC Fine	128	Fine byte of C TC
5	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25
6	Color XFade	255	0–254 CTC 255–255 Colors
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 WW	255	

Advanced_33ch + PixelRing_8ch (continued)

Ch	Function	Default	DMX values
14	Color Add WW Fine	255	Fine byte of Color Add WW
15	Color Macro1	0	
16	Color Control	0	0–254 CTO On Colors min 255–255 CTO On Colors max
17	Shutter / Strobe	0	0–1 Shutter_Open 2–61 Strobe_Slow 62–62 Strobe_Fast 63–64 Shutter_Open 65–124 StrobePulseIN_Slow 125–125 StrobePulseIN_Fast 126–127 Shutter_Close 128–187 StrobePulseOUT_Slow 188–188 StrobePulseOUT_Fast 189–190 Shutter_Open 191–250 RandomStrobe_Slow 251–251 RandomStrobe_Fast 252–255 Shutter_Open
18	Zoom	128	
19	Zoom Fine	0	Fine byte of Zoom
20	Control1	0	
21	Pixel Engine Cross Fade	0	0–254 Patterns 255–255 Pixels
22	Effect	0	0–16 No Effect 17–22 Ring All 23–28 Ring All Bounce 29–34 Single Ring 35–40 Single Ring Bounce 41–46 Pixels Right 47–52 Single Pixel Line Right 53–58 Single Pixel Line Right Bounce 59–64 Pixels Bottom 65–70 Single Pixel Line Bottom 71–76 Single Pixel Line Bottom Bounce 77–82 Half Rotate 83–88 Metro Tunnel 89–94 Random 1px 95–100 Random 2px 101–106 Random 4px 107–112 Random 5px 113–118 Random 7px 119–124 Ring 1 Pixel Circular px1 125–130 Ring 1 Pixel Circular px3 131–255 Reserved
23	Effect Speed	0	0–126 Index 0 127–127 Index 360 128–189 CW Fast 190–190 Cw Slow 192–192 Stop Rotate 193–254 CCW Slow 255–255 CCW Fast
24	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
25	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
26	Dimmer	0	0–254 Closed 255–255 Open

Advanced_33ch + PixelRing_8ch (continued)

Ch	Function	Default	DMX values
27	Shutter / Strobe	255	1–1 FG_Shutter_Close 2–61 FG_Strobe_Slow 62–62 FG_Strobe_Fast 64–64 FG_Shutter_Open 65–124 FG_StrobePulseIN_Slow 125–125 FG_StrobePulseIN_Fast 127–127 FG_Shutter_Open 128–187 FG_StrobePulseOut_Slow 188–188 FG_StrobePulseOut_Fast 190–190 FG_Shutter_Open 191–250 FG_RandomStrobe_Slow 251–251 FG_RandomStrobe_Fast 255–255 FG_Shutter_Open
28	Dimmer	0	0–254 Closed 255–255 Open
29	Shutter / Strobe	255	1–1 BG_Shutter_Close 2–61 BG_Strobe_Slow 62–62 BG_Strobe_Fast 64–64 BG_Shutter_Open 65–124 BG_StrobePulseIN_Slow 125–125 BG_StrobePulseIN_Fast 127–127 BG_Shutter_Open 128–187 BG_StrobePulseOUT_Slow 188–188 BG_StrobePulseOUT_Fast 190–190 BG_Shutter_Open 191–250 BG_RandomStrobe_Slow 251–251 BG_RandomStrobe_Fast 255–255 BG_Shutter_Open
30	Red	0	
31	Green	0	
32	Blue	0	
33	Color Add WW	0	