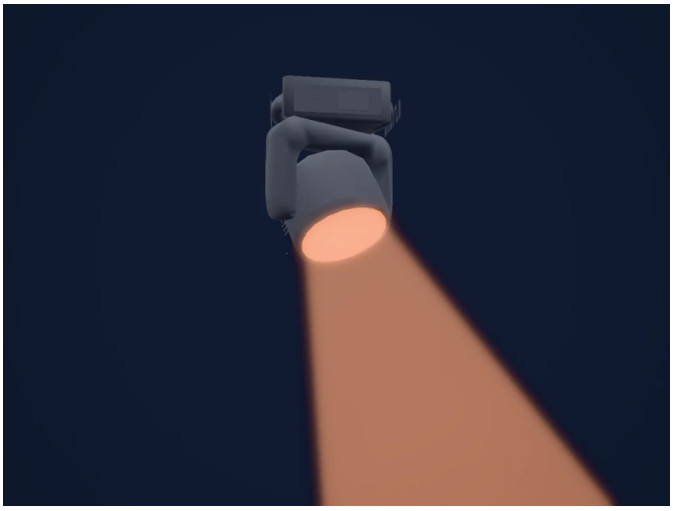
Prolights

AstraWash19PIX



Manufacturer	**Prolights**
Type	**Moving head**
DMX modes	**12**
DMX footprint	**23, 30, 44, 52 channels**
Beam angle	**4-54°**
Pan range	**540°**
Tilt range	**233°**
Heads / cells	**4**
Size (W × H × D)	**413 × 463 × 309 mm**
GDTF fixture type	**2EA967C8-21F5-40CE-B2CB-F0…**

Controls

Zoom · Colour temperature · Colour wheel · Effect speed · Dimmer · Pixel control · Pan and tilt

Safety-relevant functions

Built-in effect programmes

DMX modes

Basic_23ch	23 ch
Basic+Pixel_23ch+76ch	23 ch
Basic+Section_23ch+12ch	23 ch
Standard_30ch	30 ch
Standard+Pixel_30ch+76ch	30 ch
Standard+Section_30ch+12ch	30 ch
FX_44ch	44 ch
FX+Pixel_44ch+76ch	44 ch
FX+Section_44ch+12ch	44 ch
Extended_52ch	52 ch
Extended+Pixel_52ch+76Ch	52 ch
Extended+Section_52ch+12Ch	52 ch

Basic_23ch

23 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	Color Macro1	0	
13	C TC	112	0–254 2800K 255–255 10000K
14	Zoom	127	
15	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
16	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
17	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
18	Control1	0	
19	Dimmer	0	0–254 Closed 255–255 Open
20	Shutter / Strobe	255	1–1 Ring_Shutter_Close 2–61 Ring_Strobe_Slow 62–62 Ring_Strobe_Fast 64–64 Ring_Shutter_Open 65–124 Ring_StrobePulseIN_Slow 125–125 Ring_StrobePulseIN_Fast 127–127 Ring_Shutter_Open 128–187 Ring_StrobePulseOUT_Slow 188–188 Ring_StrobePulseOUT_Fast 190–190 Ring_Shutter_Open 191–250 Ring_StrobeRandom_Slow 251–251 Ring_StrobeRandom_Fast 255–255 Ring_Open
21	Red	255	
22	Green	255	
23	Blue	255	

Basic+Pixel_23ch+76ch

23 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	Color Macro1	0	
13	C TC	112	0–254 2800K 255–255 10000K
14	Zoom	127	
15	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
16	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
17	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
18	Control1	0	
19	Dimmer	0	0–254 Closed 255–255 Open
20	Shutter / Strobe	255	1–1 Ring_Shutter_Close 2–61 Ring_Strobe_Slow 62–62 Ring_Strobe_Fast 64–64 Ring_Shutter_Open 65–124 Ring_StrobePulseIN_Slow 125–125 Ring_StrobePulseIN_Fast 127–127 Ring_Shutter_Open 128–187 Ring_StrobePulseOUT_Slow 188–188 Ring_StrobePulseOUT_Fast 190–190 Ring_Shutter_Open 191–250 Ring_StrobeRandom_Slow 251–251 Ring_StrobeRandom_Fast 255–255 Ring_Open
21	Red	255	
22	Green	255	
23	Blue	255	

Basic+Section_23ch+12ch

23 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	Color Macro1	0	
13	C TC	112	0–254 2800K 255–255 10000K
14	Zoom	127	
15	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
16	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
17	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
18	Control1	0	
19	Dimmer	0	0–254 Closed 255–255 Open
20	Shutter / Strobe	255	1–1 Ring_Shutter_Close 2–61 Ring_Strobe_Slow 62–62 Ring_Strobe_Fast 64–64 Ring_Shutter_Open 65–124 Ring_StrobePulseIN_Slow 125–125 Ring_StrobePulseIN_Fast 127–127 Ring_Shutter_Open 128–187 Ring_StrobePulseOUT_Slow 188–188 Ring_StrobePulseOUT_Fast 190–190 Ring_Shutter_Open 191–250 Ring_StrobeRandom_Slow 251–251 Ring_StrobeRandom_Fast 255–255 Ring_Open
21	Red	255	
22	Green	255	
23	Blue	255	

Standard_30ch

30 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Color Macro1	0	
17	C TC	112	0–254 2800K 255–255 10000K
18	Zoom	128	
19	Zoom Fine	0	Fine byte of Zoom
20	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
21	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
22	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
23	Control1	0	
24	Color Control	0	0–254 CTO on Colors 0 255–255 CTO on Colors 100
25	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25
26	Dimmer	0	0–254 Closed 255–255 Open

Standard_30ch (continued)

Ch	Function	Default	DMX values
27	Shutter / Strobe	255	1–1 Ring_Shutter_Close 2–61 Ring_Strobe_Slow 62–62 Ring_Strobe_Fast 64–64 Ring_Shutter_Open 65–124 Ring_StrobePulseIN_Slow 125–125 Ring_StrobePulseIN_Fast 127–127 Ring_Shutter_Open 128–187 Ring_StrobePulseOUT_Slow 188–188 Ring_StrobePulseOUT_Fast 190–190 Ring_Shutter_Open 191–250 Ring_StrobeRandom_Slow 251–251 Ring_StrobeRandom_Fast 255–255 Ring_Open
28	Red	255	
29	Green	255	
30	Blue	255	

Standard+Pixel_30ch+76ch

30 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Color Macro1	0	
17	C TC	112	0–254 2800K 255–255 10000K
18	Zoom	128	
19	Zoom Fine	0	Fine byte of Zoom

Standard+Pixel_30ch+76ch (continued)

Ch	Function	Default	DMX values
20	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
21	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
22	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
23	Control1	0	
24	Color Control	0	0–254 CTO on Colors 0 255–255 CTO on Colors 100
25	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25
26	Dimmer	0	0–254 Closed 255–255 Open
27	Shutter / Strobe	255	1–1 Ring_Shutter_Close 2–61 Ring_Strobe_Slow 62–62 Ring_Strobe_Fast 64–64 Ring_Shutter_Open 65–124 Ring_StrobePulseIN_Slow 125–125 Ring_StrobePulseIN_Fast 127–127 Ring_Shutter_Open 128–187 Ring_StrobePulseOUT_Slow 188–188 Ring_StrobePulseOUT_Fast 190–190 Ring_Shutter_Open 191–250 Ring_StrobeRandom_Slow 251–251 Ring_StrobeRandom_Fast 255–255 Ring_Open
28	Red	255	
29	Green	255	
30	Blue	255	

Standard+Section_30ch+12ch

30 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	

Standard+Section_30ch+12ch (continued)

Ch	Function	Default	DMX values
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Color Macro1	0	
17	C TC	112	0–254 2800K 255–255 10000K
18	Zoom	128	
19	Zoom Fine	0	Fine byte of Zoom
20	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
21	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
22	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
23	Control1	0	
24	Color Control	0	0–254 CTO on Colors 0 255–255 CTO on Colors 100
25	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25
26	Dimmer	0	0–254 Closed 255–255 Open
27	Shutter / Strobe	255	1–1 Ring_Shutter_Close 2–61 Ring_Strobe_Slow 62–62 Ring_Strobe_Fast 64–64 Ring_Shutter_Open 65–124 Ring_StrobePulseIN_Slow 125–125 Ring_StrobePulseIN_Fast 127–127 Ring_Shutter_Open 128–187 Ring_StrobePulseOUT_Slow 188–188 Ring_StrobePulseOUT_Fast 190–190 Ring_Shutter_Open 191–250 Ring_StrobeRandom_Slow 251–251 Ring_StrobeRandom_Fast 255–255 Ring_Open
28	Red	255	
29	Green	255	
30	Blue	255	

FX_44ch

44 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

FX_44ch (continued)

Ch	Function	Default	DMX values
5	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	C TC	112	0–254 2800K 255–255 10000K
13	Zoom	127	
14	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
15	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
16	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
17	Control1	0	

FX_44ch (continued)

Ch	Function	Default	DMX values
18	Effect	0	0–16 No Effect 17–22 All rings In and Out 23–28 All rings In and Out Bouncing 29–34 Single Ring In and Out 35–40 Single Ring In and Out Bouncing 41–46 All Pixels In and Out in Right Direction 47–52 Single Line In and Out in Right Direction 53–58 Single Line In and Out Bouncing in Left - Right Direc... 59–64 All Pixels In and Out in Bottom Direction 65–70 Single Line In and Out in Bottom Direction 71–76 Single Line In and Out Bouncing in Top / Bottom Dir... 77–82 Half Pixels rotating clockwise 83–88 Fixture divided into 2 parts ring effect 89–94 Random with 1px Density 95–100 Random with 2px Density 101–106 Random with 4px Density 107–112 Random with 5px Density 113–118 Random with 7px Density 119–124 Pixel Going around Ring 1_1 125–130 Pixel Going around Ring 1_2 131–136 Pixel Going around Ring 2_1 137–142 Pixel Going around Ring 2_2 143–148 Pixel Going around Ring 2_3 149–154 Pixel Going around Ring 2_4 155–160 Clock rotating anti-clockwise 161–166 Two squares rotating while moving from center 167–172 Wiggling Line 173–178 Two rotating 2x2px squares 179–184 Pixels In and Out on Ring 2 side to side 185–190 Triangle from 9 pixels rotate to right 191–196 Wiggling clock 197–202 2 hands moving up and down 203–208 Aperture effect 209–214 Aperture Effect with 1 px only 215–220 2 Pixels Going around Ring 2 221–226 3 Pixels Going around Ring 2 227–232 Bottom Half Open - Close than Top Half Open Close 233–238 Moving Fists 239–244 Pixels coming in zigzak shape 245–250 2 Arc's rotating 251–255 2 2px wide lines rotating
19	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
20	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
21	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
22	Dimmer	255	0–254 Closed 255–255 Open

FX_44ch (continued)

Ch	Function	Default	DMX values
23	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
24	Dimmer	0	0–254 Closed 255–255 Open
25	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
26	Red	0	
27	Green	0	
28	Blue	0	
29	White	0	
30	Dimmer	0	0–254 Closed 255–255 Open

FX_44ch (continued)

Ch	Function	Default	DMX values
31	Effect	0	0–16 No Effect 17–22 FX1 23–28 FX2 29–34 FX3 35–40 FX4 41–46 FX5 47–52 FX6 53–58 FX7 59–64 FX8 65–70 FX9 71–76 FX10 77–82 FX11 83–88 FX12 89–94 FX13 95–100 FX14 101–106 FX15 107–112 FX16 113–118 FX17 119–124 FX18 125–130 FX19 131–136 FX20 137–142 FX21 143–148 FX22 149–154 FX23 155–160 FX24 161–166 FX25 167–172 FX26 173–178 FX27 179–184 FX28 185–190 FX29 191–196 FX30 197–202 FX31 203–208 FX32 209–214 FX33 215–220 FX34 221–226 FX35 227–232 FX36 233–238 FX37 239–244 FX38 245–250 FX39 251–255 FX40
32	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
33	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
34	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
35	Dimmer	255	0–254 Closed 255–255 Open

FX_44ch (continued)

Ch	Function	Default	DMX values
36	Shutter / Strobe	255	1–1 Ring_FG_Shutter_Close 2–61 Ring_FG_Strobe_Slow 62–62 Ring_FG_Strobe_Fast 64–64 Ring_FG_Shutter_Open 65–124 Ring_FG_StrobePulseIN_Slow 125–125 Ring_FG_StrobePulseIN_Fast 127–127 Ring_FG_Shutter_Open 128–187 Ring_FG_StrobePulseOUT_Slow 188–188 Ring_FG_StrobePulseOUT_Fast 190–190 Ring_FG_Shutter_Open 191–250 Ring_FG_RandomStrobe_Slow 251–251 Ring_FG_RandomStrobe_Fast 255–255 Ring_FG_Shutter_Open
37	Red	255	
38	Green	255	
39	Blue	255	
40	Dimmer	0	0–254 Closed 255–255 Open
41	Shutter / Strobe	255	1–1 Ring_BG_Shutter_Close 2–61 Ring_BG_Strobe_Slow 62–62 Ring_BG_Strobe_Fast 64–64 Ring_BG_Shutter_Open 65–124 Ring_BG_StrobePulseIN_Slow 125–125 Ring_BG_StrobePulseIN_Fast 127–127 Ring_BG_Shutter_Open 128–187 Ring_BG_StrobePulseOUT_Slow 188–188 Ring_BG_StrobePulseOUT_Fast 190–190 Ring_BG_Shutter_Open 191–250 Ring_BG_RandomStrobe_Slow 251–251 Ring_BG_RandomStrobe_Fast 255–255 Ring_BG_Shutter_Open
42	Red	0	
43	Green	0	
44	Blue	0	

FX+Pixel_44ch+76ch

44 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

FX+Pixel_44ch+76ch (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	C TC	112	0–254 2800K 255–255 10000K
13	Zoom	127	
14	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
15	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
16	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
17	Control1	0	

FX+Pixel_44ch+76ch (continued)

Ch	Function	Default	DMX values
18	Effect	0	0–16 No Effect 17–22 All rings In and Out 23–28 All rings In and Out Bouncing 29–34 Single Ring In and Out 35–40 Single Ring In and Out Bouncing 41–46 All Pixels In and Out in Right Direction 47–52 Single Line In and Out in Right Direction 53–58 Single Line In and Out Bouncing in Left - Right Direc... 59–64 All Pixels In and Out in Bottom Direction 65–70 Single Line In and Out in Bottom Direction 71–76 Single Line In and Out Bouncing in Top / Bottom Dir... 77–82 Half Pixels rotating clockwise 83–88 Fixture divided into 2 parts ring effect 89–94 Random with 1px Density 95–100 Random with 2px Density 101–106 Random with 4px Density 107–112 Random with 5px Density 113–118 Random with 7px Density 119–124 Pixel Going around Ring 1_1 125–130 Pixel Going around Ring 1_2 131–136 Pixel Going around Ring 2_1 137–142 Pixel Going around Ring 2_2 143–148 Pixel Going around Ring 2_3 149–154 Pixel Going around Ring 2_4 155–160 Clock rotating anti-clockwise 161–166 Two squares rotating while moving from center 167–172 Wiggling Line 173–178 Two rotating 2x2px squares 179–184 Pixels In and Out on Ring 2 side to side 185–190 Triangle from 9 pixels rotate to right 191–196 Wiggling clock 197–202 2 hands moving up and down 203–208 Aperture effect 209–214 Aperture Effect with 1 px only 215–220 2 Pixels Going around Ring 2 221–226 3 Pixels Going around Ring 2 227–232 Bottom Half Open - Close than Top Half Open Close 233–238 Moving Fists 239–244 Pixels coming in zigzak shape 245–250 2 Arc's rotating 251–255 2 2px wide lines rotating
19	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
20	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
21	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
22	Dimmer	255	0–254 Closed 255–255 Open

FX+Pixel_44ch+76ch (continued)

Ch	Function	Default	DMX values
23	Shutter / Strobe	0	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
24	Dimmer	0	0–254 Closed 255–255 Open
25	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
26	Red	0	
27	Green	0	
28	Blue	0	
29	White	0	
30	Dimmer	0	0–254 Closed 255–255 Open

FX+Pixel_44ch+76ch (continued)

Ch	Function	Default	DMX values
31	Effect	0	0–16 No Effect 17–22 FX1 23–28 FX2 29–34 FX3 35–40 FX4 41–46 FX5 47–52 FX6 53–58 FX7 59–64 FX8 65–70 FX9 71–76 FX10 77–82 FX11 83–88 FX12 89–94 FX13 95–100 FX14 101–106 FX15 107–112 FX16 113–118 FX17 119–124 FX18 125–130 FX19 131–136 FX20 137–142 FX21 143–148 FX22 149–154 FX23 155–160 FX24 161–166 FX25 167–172 FX26 173–178 FX27 179–184 FX28 185–190 FX29 191–196 FX30 197–202 FX31 203–208 FX32 209–214 FX33 215–220 FX34 221–226 FX35 227–232 FX36 233–238 FX37 239–244 FX38 245–250 FX39 251–255 FX40
32	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
33	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
34	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
35	Dimmer	255	0–254 Closed 255–255 Open

FX+Pixel_44ch+76ch (continued)

Ch	Function	Default	DMX values
36	Shutter / Strobe	255	1–1 Ring_FG_Shutter_Close 2–61 Ring_FG_Strobe_Slow 62–62 Ring_FG_Strobe_Fast 64–64 Ring_FG_Shutter_Open 65–124 Ring_FG_StrobePulseIN_Slow 125–125 Ring_FG_StrobePulseIN_Fast 127–127 Ring_FG_Shutter_Open 128–187 Ring_FG_StrobePulseOUT_Slow 188–188 Ring_FG_StrobePulseOUT_Fast 190–190 Ring_FG_Shutter_Open 191–250 Ring_FG_RandomStrobe_Slow 251–251 Ring_FG_RandomStrobe_Fast 255–255 Ring_FG_Shutter_Open
37	Red	255	
38	Green	255	
39	Blue	255	
40	Dimmer	0	0–254 Closed 255–255 Open
41	Shutter / Strobe	255	1–1 Ring_BG_Shutter_Close 2–61 Ring_BG_Strobe_Slow 62–62 Ring_BG_Strobe_Fast 64–64 Ring_BG_Shutter_Open 65–124 Ring_BG_StrobePulseIN_Slow 125–125 Ring_BG_StrobePulseIN_Fast 127–127 Ring_BG_Shutter_Open 128–187 Ring_BG_StrobePulseOUT_Slow 188–188 Ring_BG_StrobePulseOUT_Fast 190–190 Ring_BG_Shutter_Open 191–250 Ring_BG_RandomStrobe_Slow 251–251 Ring_BG_RandomStrobe_Fast 255–255 Ring_BG_Shutter_Open
42	Red	0	
43	Green	0	
44	Blue	0	

FX+Section_44ch+12ch

44 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

FX+Section_44ch+12ch (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	C TC	112	0–254 2800K 255–255 10000K
13	Zoom	127	
14	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
15	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
16	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
17	Control1	0	

FX+Section_44ch+12ch (continued)

Ch	Function	Default	DMX values
18	Effect	0	0–16 No Effect 17–22 All rings In and Out 23–28 All rings In and Out Bouncing 29–34 Single Ring In and Out 35–40 Single Ring In and Out Bouncing 41–46 All Pixels In and Out in Right Direction 47–52 Single Line In and Out in Right Direction 53–58 Single Line In and Out Bouncing in Left - Right Direc... 59–64 All Pixels In and Out in Bottom Direction 65–70 Single Line In and Out in Bottom Direction 71–76 Single Line In and Out Bouncing in Top / Bottom Dir... 77–82 Half Pixels rotating clockwise 83–88 Fixture divided into 2 parts ring effect 89–94 Random with 1px Density 95–100 Random with 2px Density 101–106 Random with 4px Density 107–112 Random with 5px Density 113–118 Random with 7px Density 119–124 Pixel Going around Ring 1_1 125–130 Pixel Going around Ring 1_2 131–136 Pixel Going around Ring 2_1 137–142 Pixel Going around Ring 2_2 143–148 Pixel Going around Ring 2_3 149–154 Pixel Going around Ring 2_4 155–160 Clock rotating anti-clockwise 161–166 Two squares rotating while moving from center 167–172 Wiggling Line 173–178 Two rotating 2x2px squares 179–184 Pixels In and Out on Ring 2 side to side 185–190 Triangle from 9 pixels rotate to right 191–196 Wiggling clock 197–202 2 hands moving up and down 203–208 Aperture effect 209–214 Aperture Effect with 1 px only 215–220 2 Pixels Going around Ring 2 221–226 3 Pixels Going around Ring 2 227–232 Bottom Half Open - Close than Top Half Open Close 233–238 Moving Fists 239–244 Pixels coming in zigzak shape 245–250 2 Arc's rotating 251–255 2 2px wide lines rotating
19	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
20	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
21	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
22	Dimmer	255	0–254 Closed 255–255 Open

FX+Section_44ch+12ch (continued)

Ch	Function	Default	DMX values
23	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
24	Dimmer	0	0–254 Closed 255–255 Open
25	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
26	Red	0	
27	Green	0	
28	Blue	0	
29	White	0	
30	Dimmer	0	0–254 Closed 255–255 Open

FX+Section_44ch+12ch (continued)

Ch	Function	Default	DMX values
31	Effect	0	0–16 No Effect 17–22 FX1 23–28 FX2 29–34 FX3 35–40 FX4 41–46 FX5 47–52 FX6 53–58 FX7 59–64 FX8 65–70 FX9 71–76 FX10 77–82 FX11 83–88 FX12 89–94 FX13 95–100 FX14 101–106 FX15 107–112 FX16 113–118 FX17 119–124 FX18 125–130 FX19 131–136 FX20 137–142 FX21 143–148 FX22 149–154 FX23 155–160 FX24 161–166 FX25 167–172 FX26 173–178 FX27 179–184 FX28 185–190 FX29 191–196 FX30 197–202 FX31 203–208 FX32 209–214 FX33 215–220 FX34 221–226 FX35 227–232 FX36 233–238 FX37 239–244 FX38 245–250 FX39 251–255 FX40
32	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
33	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
34	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
35	Dimmer	255	0–254 Closed 255–255 Open

FX+Section_44ch+12ch (continued)

Ch	Function	Default	DMX values
36	Shutter / Strobe	255	1–1 Ring_FG_Shutter_Close 2–61 Ring_FG_Strobe_Slow 62–62 Ring_FG_Strobe_Fast 64–64 Ring_FG_Shutter_Open 65–124 Ring_FG_StrobePulseIN_Slow 125–125 Ring_FG_StrobePulseIN_Fast 127–127 Ring_FG_Shutter_Open 128–187 Ring_FG_StrobePulseOUT_Slow 188–188 Ring_FG_StrobePulseOUT_Fast 190–190 Ring_FG_Shutter_Open 191–250 Ring_FG_RandomStrobe_Slow 251–251 Ring_FG_RandomStrobe_Fast 255–255 Ring_FG_Shutter_Open
37	Red	255	
38	Green	255	
39	Blue	255	
40	Dimmer	0	0–254 Closed 255–255 Open
41	Shutter / Strobe	255	1–1 Ring_BG_Shutter_Close 2–61 Ring_BG_Strobe_Slow 62–62 Ring_BG_Strobe_Fast 64–64 Ring_BG_Shutter_Open 65–124 Ring_BG_StrobePulseIN_Slow 125–125 Ring_BG_StrobePulseIN_Fast 127–127 Ring_BG_Shutter_Open 128–187 Ring_BG_StrobePulseOUT_Slow 188–188 Ring_BG_StrobePulseOUT_Fast 190–190 Ring_BG_Shutter_Open 191–250 Ring_BG_RandomStrobe_Slow 251–251 Ring_BG_RandomStrobe_Fast 255–255 Ring_BG_Shutter_Open
42	Red	0	
43	Green	0	
44	Blue	0	

Extended_52ch

52 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Extended_52ch (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Color Macro1	0	
17	C TC	112	0–254 2800K 255–255 10000K
18	Zoom	128	
19	Zoom Fine	0	Fine byte of Zoom
20	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
21	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
22	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
23	Control1	0	
24	Color Control	0	0–254 CTO on Colors 0 255–255 CTO on Colors 100
25	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25

Extended_52ch (continued)

Ch	Function	Default	DMX values
26	Effect	0	0–16 No Effect 17–22 All rings In and Out 23–28 All rings In and Out Bouncing 29–34 Single Ring In and Out 35–40 Single Ring In and Out Bouncing 41–46 All Pixels In and Out in Right Direction 47–52 Single Line In and Out in Right Direction 53–58 Single Line In and Out Bouncing in Left - Right Direc... 59–64 All Pixels In and Out in Bottom Direction 65–70 Single Line In and Out in Bottom Direction 71–76 Single Line In and Out Bouncing in Top / Bottom Dir... 77–82 Half Pixels rotating clockwise 83–88 Fixture divided into 2 parts ring effect 89–94 Random with 1px Density 95–100 Random with 2px Density 101–106 Random with 4px Density 107–112 Random with 5px Density 113–118 Random with 7px Density 119–124 Pixel Going around Ring 1_1 125–130 Pixel Going around Ring 1_2 131–136 Pixel Going around Ring 2_1 137–142 Pixel Going around Ring 2_2 143–148 Pixel Going around Ring 2_3 149–154 Pixel Going around Ring 2_4 155–160 Clock rotating anti-clockwise 161–166 Two squares rotating while moving from center 167–172 Wiggling Line 173–178 Two rotating 2x2px squares 179–184 Pixels In and Out on Ring 2 side to side 185–190 Triangle from 9 pixels rotate to right 191–196 Wiggling clock 197–202 2 hands moving up and down 203–208 Aperture effect 209–214 Aperture Effect with 1 px only 215–220 2 Pixels Going around Ring 2 221–226 3 Pixels Going around Ring 2 227–232 Bottom Half Open - Close than Top Half Open Close 233–238 Moving Fists 239–244 Pixels coming in zigzak shape 245–250 2 Arc's rotating 251–255 2 2px wide lines rotating
27	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
28	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
29	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
30	Dimmer	255	0–254 Closed 255–255 Open

Extended_52ch (continued)

Ch	Function	Default	DMX values
31	Shutter / Strobe	0	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
32	Dimmer	0	0–254 Closed 255–255 Open
33	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
34	Red	0	
35	Green	0	
36	Blue	0	
37	White	0	
38	Dimmer	0	0–254 Closed 255–255 Open

Extended_52ch (continued)

Ch	Function	Default	DMX values
39	Effect	0	0–16 No Effect 17–22 FX1 23–28 FX2 29–34 FX3 35–40 FX4 41–46 FX5 47–52 FX6 53–58 FX7 59–64 FX8 65–70 FX9 71–76 FX10 77–82 FX11 83–88 FX12 89–94 FX13 95–100 FX14 101–106 FX15 107–112 FX16 113–118 FX17 119–124 FX18 125–130 FX19 131–136 FX20 137–142 FX21 143–148 FX22 149–154 FX23 155–160 FX24 161–166 FX25 167–172 FX26 173–178 FX27 179–184 FX28 185–190 FX29 191–196 FX30 197–202 FX31 203–208 FX32 209–214 FX33 215–220 FX34 221–226 FX35 227–232 FX36 233–238 FX37 239–244 FX38 245–250 FX39 251–255 FX40
40	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
41	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
42	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
43	Dimmer	255	0–254 Closed 255–255 Open

Extended_52ch (continued)

Ch	Function	Default	DMX values
44	Shutter / Strobe	255	1–1 Ring_FG_Shutter_Close 2–61 Ring_FG_Strobe_Slow 62–62 Ring_FG_Strobe_Fast 64–64 Ring_FG_Shutter_Open 65–124 Ring_FG_StrobePulseIN_Slow 125–125 Ring_FG_StrobePulseIN_Fast 127–127 Ring_FG_Shutter_Open 128–187 Ring_FG_StrobePulseOUT_Slow 188–188 Ring_FG_StrobePulseOUT_Fast 190–190 Ring_FG_Shutter_Open 191–250 Ring_FG_RandomStrobe_Slow 251–251 Ring_FG_RandomStrobe_Fast 255–255 Ring_FG_Shutter_Open
45	Red	255	
46	Green	255	
47	Blue	255	
48	Dimmer	0	0–254 Closed 255–255 Open
49	Shutter / Strobe	255	1–1 Ring_BG_Shutter_Close 2–61 Ring_BG_Strobe_Slow 62–62 Ring_BG_Strobe_Fast 64–64 Ring_BG_Shutter_Open 65–124 Ring_BG_StrobePulseIN_Slow 125–125 Ring_BG_StrobePulseIN_Fast 127–127 Ring_BG_Shutter_Open 128–187 Ring_BG_StrobePulseOUT_Slow 188–188 Ring_BG_StrobePulseOUT_Fast 190–190 Ring_BG_Shutter_Open 191–250 Ring_BG_RandomStrobe_Slow 251–251 Ring_BG_RandomStrobe_Fast 255–255 Ring_BG_Shutter_Open
50	Red	0	
51	Green	0	
52	Blue	0	

Extended+Pixel_52ch+76Ch

52 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Extended+Pixel_52ch+76Ch (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Color Macro1	0	
17	C TC	112	0–254 2800K 255–255 10000K
18	Zoom	128	
19	Zoom Fine	0	Fine byte of Zoom
20	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
21	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
22	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
23	Control1	0	
24	Color Control	0	0–254 CTO on Colors 0 255–255 CTO on Colors 100
25	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25

Extended+Pixel_52ch+76Ch (continued)

Ch	Function	Default	DMX values
26	Effect	0	0–16 No Effect 17–22 All rings In and Out 23–28 All rings In and Out Bouncing 29–34 Single Ring In and Out 35–40 Single Ring In and Out Bouncing 41–46 All Pixels In and Out in Right Direction 47–52 Single Line In and Out in Right Direction 53–58 Single Line In and Out Bouncing in Left - Right Direc... 59–64 All Pixels In and Out in Bottom Direction 65–70 Single Line In and Out in Bottom Direction 71–76 Single Line In and Out Bouncing in Top / Bottom Dir... 77–82 Half Pixels rotating clockwise 83–88 Fixture divided into 2 parts ring effect 89–94 Random with 1px Density 95–100 Random with 2px Density 101–106 Random with 4px Density 107–112 Random with 5px Density 113–118 Random with 7px Density 119–124 Pixel Going around Ring 1_1 125–130 Pixel Going around Ring 1_2 131–136 Pixel Going around Ring 2_1 137–142 Pixel Going around Ring 2_2 143–148 Pixel Going around Ring 2_3 149–154 Pixel Going around Ring 2_4 155–160 Clock rotating anti-clockwise 161–166 Two squares rotating while moving from center 167–172 Wiggling Line 173–178 Two rotating 2x2px squares 179–184 Pixels In and Out on Ring 2 side to side 185–190 Triangle from 9 pixels rotate to right 191–196 Wiggling clock 197–202 2 hands moving up and down 203–208 Aperture effect 209–214 Aperture Effect with 1 px only 215–220 2 Pixels Going around Ring 2 221–226 3 Pixels Going around Ring 2 227–232 Bottom Half Open - Close than Top Half Open Close 233–238 Moving Fists 239–244 Pixels coming in zigzak shape 245–250 2 Arc's rotating 251–255 2 2px wide lines rotating
27	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
28	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
29	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
30	Dimmer	255	0–254 Closed 255–255 Open

Extended+Pixel_52ch+76Ch (continued)

Ch	Function	Default	DMX values
31	Shutter / Strobe	0	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
32	Dimmer	0	0–254 Closed 255–255 Open
33	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
34	Red	0	
35	Green	0	
36	Blue	0	
37	White	0	
38	Dimmer	0	0–254 Closed 255–255 Open

Extended+Pixel_52ch+76Ch (continued)

Ch	Function	Default	DMX values
39	Effect	0	0–16 No Effect 17–22 FX1 23–28 FX2 29–34 FX3 35–40 FX4 41–46 FX5 47–52 FX6 53–58 FX7 59–64 FX8 65–70 FX9 71–76 FX10 77–82 FX11 83–88 FX12 89–94 FX13 95–100 FX14 101–106 FX15 107–112 FX16 113–118 FX17 119–124 FX18 125–130 FX19 131–136 FX20 137–142 FX21 143–148 FX22 149–154 FX23 155–160 FX24 161–166 FX25 167–172 FX26 173–178 FX27 179–184 FX28 185–190 FX29 191–196 FX30 197–202 FX31 203–208 FX32 209–214 FX33 215–220 FX34 221–226 FX35 227–232 FX36 233–238 FX37 239–244 FX38 245–250 FX39 251–255 FX40
40	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
41	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
42	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
43	Dimmer	255	0–254 Closed 255–255 Open

Extended+Pixel_52ch+76Ch (continued)

Ch	Function	Default	DMX values
44	Shutter / Strobe	255	1–1 Ring_FG_Shutter_Close 2–61 Ring_FG_Strobe_Slow 62–62 Ring_FG_Strobe_Fast 64–64 Ring_FG_Shutter_Open 65–124 Ring_FG_StrobePulseIN_Slow 125–125 Ring_FG_StrobePulseIN_Fast 127–127 Ring_FG_Shutter_Open 128–187 Ring_FG_StrobePulseOUT_Slow 188–188 Ring_FG_StrobePulseOUT_Fast 190–190 Ring_FG_Shutter_Open 191–250 Ring_FG_RandomStrobe_Slow 251–251 Ring_FG_RandomStrobe_Fast 255–255 Ring_FG_Shutter_Open
45	Red	255	
46	Green	255	
47	Blue	255	
48	Dimmer	0	0–254 Closed 255–255 Open
49	Shutter / Strobe	255	1–1 Ring_BG_Shutter_Close 2–61 Ring_BG_Strobe_Slow 62–62 Ring_BG_Strobe_Fast 64–64 Ring_BG_Shutter_Open 65–124 Ring_BG_StrobePulseIN_Slow 125–125 Ring_BG_StrobePulseIN_Fast 127–127 Ring_BG_Shutter_Open 128–187 Ring_BG_StrobePulseOUT_Slow 188–188 Ring_BG_StrobePulseOUT_Fast 190–190 Ring_BG_Shutter_Open 191–250 Ring_BG_RandomStrobe_Slow 251–251 Ring_BG_RandomStrobe_Fast 255–255 Ring_BG_Shutter_Open
50	Red	0	
51	Green	0	
52	Blue	0	

Extended+Section_52ch+12Ch

52 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Extended+Section_52ch+12Ch (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Color Macro1	0	
17	C TC	112	0–254 2800K 255–255 10000K
18	Zoom	128	
19	Zoom Fine	0	Fine byte of Zoom
20	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
21	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
22	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
23	Control1	0	
24	Color Control	0	0–254 CTO on Colors 0 255–255 CTO on Colors 100
25	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25

Extended+Section_52ch+12Ch (continued)

Ch	Function	Default	DMX values
26	Effect	0	0–16 No Effect 17–22 All rings In and Out 23–28 All rings In and Out Bouncing 29–34 Single Ring In and Out 35–40 Single Ring In and Out Bouncing 41–46 All Pixels In and Out in Right Direction 47–52 Single Line In and Out in Right Direction 53–58 Single Line In and Out Bouncing in Left - Right Direc... 59–64 All Pixels In and Out in Bottom Direction 65–70 Single Line In and Out in Bottom Direction 71–76 Single Line In and Out Bouncing in Top / Bottom Dir... 77–82 Half Pixels rotating clockwise 83–88 Fixture divided into 2 parts ring effect 89–94 Random with 1px Density 95–100 Random with 2px Density 101–106 Random with 4px Density 107–112 Random with 5px Density 113–118 Random with 7px Density 119–124 Pixel Going around Ring 1_1 125–130 Pixel Going around Ring 1_2 131–136 Pixel Going around Ring 2_1 137–142 Pixel Going around Ring 2_2 143–148 Pixel Going around Ring 2_3 149–154 Pixel Going around Ring 2_4 155–160 Clock rotating anti-clockwise 161–166 Two squares rotating while moving from center 167–172 Wiggling Line 173–178 Two rotating 2x2px squares 179–184 Pixels In and Out on Ring 2 side to side 185–190 Triangle from 9 pixels rotate to right 191–196 Wiggling clock 197–202 2 hands moving up and down 203–208 Aperture effect 209–214 Aperture Effect with 1 px only 215–220 2 Pixels Going around Ring 2 221–226 3 Pixels Going around Ring 2 227–232 Bottom Half Open - Close than Top Half Open Close 233–238 Moving Fists 239–244 Pixels coming in zigzak shape 245–250 2 Arc's rotating 251–255 2 2px wide lines rotating
27	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
28	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
29	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
30	Dimmer	255	0–254 Closed 255–255 Open

Extended+Section_52ch+12Ch (continued)

Ch	Function	Default	DMX values
31	Shutter / Strobe	0	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
32	Dimmer	0	0–254 Closed 255–255 Open
33	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
34	Red	0	
35	Green	0	
36	Blue	0	
37	White	0	
38	Dimmer	0	0–254 Closed 255–255 Open

Extended+Section_52ch+12Ch (continued)

Ch	Function	Default	DMX values
39	Effect	0	0–16 No Effect 17–22 FX1 23–28 FX2 29–34 FX3 35–40 FX4 41–46 FX5 47–52 FX6 53–58 FX7 59–64 FX8 65–70 FX9 71–76 FX10 77–82 FX11 83–88 FX12 89–94 FX13 95–100 FX14 101–106 FX15 107–112 FX16 113–118 FX17 119–124 FX18 125–130 FX19 131–136 FX20 137–142 FX21 143–148 FX22 149–154 FX23 155–160 FX24 161–166 FX25 167–172 FX26 173–178 FX27 179–184 FX28 185–190 FX29 191–196 FX30 197–202 FX31 203–208 FX32 209–214 FX33 215–220 FX34 221–226 FX35 227–232 FX36 233–238 FX37 239–244 FX38 245–250 FX39 251–255 FX40
40	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
41	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
42	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
43	Dimmer	255	0–254 Closed 255–255 Open

Extended+Section_52ch+12Ch (continued)

Ch	Function	Default	DMX values
44	Shutter / Strobe	255	1–1 Ring_FG_Shutter_Close 2–61 Ring_FG_Strobe_Slow 62–62 Ring_FG_Strobe_Fast 64–64 Ring_FG_Shutter_Open 65–124 Ring_FG_StrobePulseIN_Slow 125–125 Ring_FG_StrobePulseIN_Fast 127–127 Ring_FG_Shutter_Open 128–187 Ring_FG_StrobePulseOUT_Slow 188–188 Ring_FG_StrobePulseOUT_Fast 190–190 Ring_FG_Shutter_Open 191–250 Ring_FG_RandomStrobe_Slow 251–251 Ring_FG_RandomStrobe_Fast 255–255 Ring_FG_Shutter_Open
45	Red	255	
46	Green	255	
47	Blue	255	
48	Dimmer	0	0–254 Closed 255–255 Open
49	Shutter / Strobe	255	1–1 Ring_BG_Shutter_Close 2–61 Ring_BG_Strobe_Slow 62–62 Ring_BG_Strobe_Fast 64–64 Ring_BG_Shutter_Open 65–124 Ring_BG_StrobePulseIN_Slow 125–125 Ring_BG_StrobePulseIN_Fast 127–127 Ring_BG_Shutter_Open 128–187 Ring_BG_StrobePulseOUT_Slow 188–188 Ring_BG_StrobePulseOUT_Fast 190–190 Ring_BG_Shutter_Open 191–250 Ring_BG_RandomStrobe_Slow 251–251 Ring_BG_RandomStrobe_Fast 255–255 Ring_BG_Shutter_Open
50	Red	0	
51	Green	0	
52	Blue	0	

Fixture model: gdtf-prolights-astrawash19pix-115628
Creator: HitLight
Modifications: Original HitLight 3D housing: scripted parametric geometry modelled by HitLight from public product photos and the manufactu…