

ETC Reference Guide

High End Systems SolaPix 19 DMX Channel Map

SolaPix 19 Firmware Version 1.4.9 and Later
 SolaPix 19 XT Firmware Version 1.0.1 and Later

Base Module	
Channel	Function
1	Pan Coarse
2	Pan Fine
3	Tilt Coarse
4	Tilt Fine
5	Color Mode
6	Red
7	Green
8	Blue
9	White
10	Color Correction
11	Section Selection
12	Module Priority
13	Zoom Coarse
14	Zoom Fine
15	Strobe Mode
16	Strobe
17	Dimmer Coarse
18	Dimmer Fine
19	mSpeed
20	Fan Speed
21	Control

Flex/Macro Module	
Channel	Function
1	Flex/Macro Mode
2	Flex/Macro Speed
3	Flex/Macro Crossfade
4	Flex/Macro Strobe Mode
5	Flex/Macro Strobe
6	Flex/Macro 1 - Red
7	Flex/Macro 1 - Green
8	Flex/Macro 1 - Blue
9	Flex/Macro 1 - White
10	Flex/Macro 2 - Red
11	Flex/Macro 2 - Green
12	Flex/Macro 2 - Blue
13	Flex/Macro 2 - White
14	Flex/Macro 3 - Red
15	Flex/Macro 3 - Green
16	Flex/Macro 3 - Blue
17	Flex/Macro 3 - White



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SolaPix 19 DMX Channel Map

Pixel Module							
Channel	Function	Channel	Function	Channel	Function	Channel	Function
1	Pixel 1 - Red	21	Pixel 6 - Red	41	Pixel 11 - Red	61	Pixel 16 - Red
2	Pixel 1 - Green	22	Pixel 6 - Green	42	Pixel 11 - Green	62	Pixel 16 - Green
3	Pixel 1 - Blue	23	Pixel 6 - Blue	43	Pixel 11 - Blue	63	Pixel 16 - Blue
4	Pixel 1 - White	24	Pixel 6 - White	44	Pixel 11 - White	64	Pixel 16 - White
5	Pixel 2 - Red	25	Pixel 7 - Red	45	Pixel 12 - Red	65	Pixel 17 - Red
6	Pixel 2 - Green	26	Pixel 7 - Green	46	Pixel 12 - Green	66	Pixel 17 - Green
7	Pixel 2 - Blue	27	Pixel 7 - Blue	47	Pixel 12 - Blue	67	Pixel 17 - Blue
8	Pixel 2 - White	28	Pixel 7 - White	48	Pixel 12 - White	68	Pixel 17 - White
9	Pixel 3 - Red	29	Pixel 8 - Red	49	Pixel 13 - Red	69	Pixel 18 - Red
10	Pixel 3 - Green	30	Pixel 8 - Green	50	Pixel 13 - Green	70	Pixel 18 - Green
11	Pixel 3 - Blue	31	Pixel 8 - Blue	51	Pixel 13 - Blue	71	Pixel 18 - Blue
12	Pixel 3 - White	32	Pixel 8 - White	52	Pixel 13 - White	72	Pixel 18 - White
13	Pixel 4 - Red	33	Pixel 9 - Red	53	Pixel 14 - Red	73	Pixel 19 - Red
14	Pixel 4 - Green	34	Pixel 9 - Green	54	Pixel 14 - Green	74	Pixel 19 - Green
15	Pixel 4 - Blue	35	Pixel 9 - Blue	55	Pixel 14 - Blue	75	Pixel 19 - Blue
16	Pixel 4 - White	36	Pixel 9 - White	56	Pixel 14 - White	76	Pixel 19 - White
17	Pixel 5 - Red	37	Pixel 10 - Red	57	Pixel 15 - Red		
18	Pixel 5 - Green	38	Pixel 10 - Green	58	Pixel 15 - Green		
19	Pixel 5 - Blue	39	Pixel 10 - Blue	59	Pixel 15 - Blue		
20	Pixel 5 - White	40	Pixel 10 - White	60	Pixel 15 - White		

Notes:

Due to the modular control and individual module addressing of the SolaPix 19 and SolaPix 19 XT, there are six recommended library layouts. We suggest that console libraries follow these guidelines:

1. Base Module
2. Flex Module
3. Pixel Module
4. Base + Flex + Pixel Modules
 - a. Base Control is on the source fixture number.
 - b. Flex/Macro Mode, Flex/Macro Speed, and Flex/Macro Crossfade (Flex addresses 1-3) should all be included on the source fixture number.
 - c. Pixel Modules should start with Pixel 1 as the .1 address.
 - d. Flex/Macros 1 through 3 (Flex addresses 4-15) should be compound addresses .20, .21, .22.
 - e. Flex/Macro and Pixel RGBW control options utilize virtual console dimming when available. The dimmer control in the Base Module is a source over all output including Base, Flex, and Pixel Modules.
5. Base + Flex Modules
 - a. Base Control is on the source fixture number.
 - b. Flex/Macro Mode, Flex/Macro Speed, and Flex/Macro Crossfade (Flex addresses 1-3) should all be included on the source fixture number.
 - c. Flex/Macros 1 through 3 (Flex addresses 4-15) should be compound addresses .1, .2, .3.
 - d. Flex/Macro RGBW control options utilize virtual console dimming when available. The dimmer control in the Base Module is a source over all output including Base and Flex Modules.
6. Base + Pixel Modules
 - a. Base Control is on the source fixture number.
 - b. Pixel Modules should start with Pixel 1 as the .1 address.
 - c. Pixel RGBW control options utilize virtual console dimming when available. The dimmer control in the Base Module is a source over all output including Base and Pixel Modules.

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Base Module

Channel	Function	Function Range	Decimal Low	Decimal High	Percent Low	Percent High	Controller Default	Unit	Range Low	Range High
1/2	Pan (Coarse/Fine)	See note 2 on page 10	0	65535	0%	100%	32767	°	-270	270
3/4	Tilt (Coarse/Fine)	See note 2 on page 10	0	65535	0%	100%	32767	°	-127.5	127.5
5	Color Mode	RGB	0	15	0.00%	5.88%	0	N/A	N/A	N/A
		RBG	16	31	6.27%	12.16%				
		BRG	32	47	12.55%	18.43%				
		BGR	48	63	18.82%	24.71%				
		GRB	64	79	25.10%	30.98%				
		GBR	80	95	31.37%	37.25%				
		CMY	96	111	37.65%	43.53%				
		CYM	112	127	43.92%	49.80%				
		YCM	128	143	50.20%	56.08%				
		YMC	144	159	56.47%	62.35%				
		MCY	160	175	62.75%	68.63%				
		MYC	176	191	69.02%	74.90%				
		Cycle	192	207	75.29%	81.18%				
		Random	208	223	81.57%	87.45%				
Reserved	224	255	87.84%	100.00%						
6	Red	Off to Full	0	255	0%	100%	255	%	0	100
7	Green	Off to Full	0	255	0%	100%	255	%	0	100
8	Blue	Off to Full	0	255	0%	100%	255	%	0	100
9	White	Off to Full	0	255	0%	100%	255	%	0	100
10	Color Correction	Off	0	0	0%	0%	0	%	0	100
		Warm to Cool	1	255	0%	100%				

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Channel	Function	Function Range	Decimal Low	Decimal High	Percent Low	Percent High	Controller Default	Unit	Range Low	Range High
11	Section Selection (see note 1 on page 10)	All Pixels	0	2	0.00%	0.78%	0	N/A	N/A	N/A
		Center	3	4	1.18%	1.57%				
		Ring 1	5	6	1.96%	2.35%				
		Ring 2	7	8	2.75%	3.14%				
		NA - Ring 3 *	9	10	3.53%	3.92%				
		Center & Ring 1	11	12	4.31%	4.71%				
		Center & Ring 2	13	14	5.10%	5.49%				
		NA - Center & Ring 3 *	15	16	5.88%	6.27%				
		Rings 1 & 2	17	18	6.67%	7.06%				
		NA - Rings 1 & 3 *	19	20	7.45%	7.84%				
		NA - Rings 2 & 3 *	21	22	8.24%	8.63%				
		Center, Ring 1, & Ring 2	23	24	9.02%	9.41%				
		NA - Ring 1, Ring 2, & Ring 3 *	25	26	9.80%	10.20%				
		NA - Center, Ring 2, & Ring 3 *	27	28	10.59%	10.98%				
		NA - Center, Ring 1, & Ring 3*	29	30	11.37%	11.76%				
		Sector 1	31	32	12.16%	12.55%				
		Sector 2	33	34	12.94%	13.33%				
		Sector 3	35	36	13.73%	14.12%				
		Sector 4	37	38	14.51%	14.90%				
		Sector 5	39	40	15.29%	15.69%				
		Sector 6	41	42	16.08%	16.47%				
		Sector 1 & 4	43	44	16.86%	17.25%				
		Sector 1, 4, & Center	45	46	17.65%	18.04%				
		Sector 2 & 5	47	48	18.43%	18.82%				
		Sector 2, 5, & Center	49	50	19.22%	19.61%				
		Sector 3 & 6	51	52	20.00%	20.39%				
		Sector 3, 6, & Center	53	54	20.78%	21.18%				
		Sector 1, 3, & 5	55	56	21.57%	21.96%				
		Sector 1, 3, 5, & Center	57	58	22.35%	22.75%				
		Sector 2, 4, & 6	59	60	23.14%	23.53%				
		Sector 2, 4, 6, & Center	61	62	23.92%	24.31%				
		Sector 1, 2, & 3	63	64	24.71%	25.10%				
		Sector 2, 3, & 4	65	66	25.49%	25.88%				
Sector 3, 4, & 5	67	68	26.27%	26.67%						
Sector 4, 5, & 6	69	70	27.06%	27.45%						
Sector 1, 5, & 6	71	72	27.84%	28.24%						
Sector 1, 2, & 6	73	74	28.63%	29.02%						
Reserved	75	255	29.41%	100.00%						

* Note: Placeholder. The complete image is not available on the SolaPix 19 and SolaPix 19 XT. This image is blank to preserve the alignment of the rest of the sector selection options with other fixtures in the SolaPix family.

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Channel	Function	Function Range	Decimal Low	Decimal High	Percent Low	Percent High	Controller Default	Unit	Range Low	Range High
12	Module Priority	Pixel Over Flex/Macro Over Base	0	7	0%	3%	8	N/A	N/A	N/A
		Flex/Macro Over Pixel Over Base	8	15	3%	6%				
		Pixel Over Base	16	23	6%	9%				
		Flex/Macro Over Base	24	31	9%	12%				
		Base	32	39	13%	15%				
		Pixel	40	47	16%	18%				
		Reserved	48	255	19%	100%				
Note: In all pixel modes, each pixel must be set at RGB 0% in order for the lower priority control to take effect.										
13/14	Zoom (Coarse/Fine)	Narrow to Wide	0	65535	0%	100%	0	°	XX	XX
15	Strobe Mode	Off	0	15	0%	6%	0	N/A	N/A	N/A
		Synchronous	16	31	6%	12%				
		Random	32	47	13%	18%				
		Random Pixel	48	63	19%	25%				
		Random Pixel/Color	64	79	25%	31%				
		Synchronous Random	80	95	31%	37%				
		Reserved	96	255	38%	100%				
16	Strobe	Off	0	23	0%	9%	255	N/A	N/A	N/A
		Slow to Fast	24	229	9%	90%				
		Open	230	255	90%	100%				
17/18	Dimmer (Coarse/Fine)	Off to Full	0	65535	0%	100%	0	%	0	100
19	mSpeed	Off	0	3	0%	1%	0	s	252.7	0.15
		Slow to Fast	4	255	2%	100%				
20	Fan Speed	Idle	0	9	0%	4%	0	N/A	N/A	N/A
		Slow to Fast	10	215	4%	84%				
		Auto	216	225	85%	88%				
		Studio	226	235	89%	92%				
		Reserved	236	255	93%	100%				
Note: To change "Idle" or "Slow to Fast" ranges (0-100%), you can use a fader or go directly to the target range value. To change "Auto" or "Studio" ranges, you must start at value 0 and go directly to the target range value. After a pause of approximately 3 seconds, the action occurs. The "Auto" and "Studio" control settings are retained in the fixture's memory and will override any settings that were previously made in the fixture's user interface. "Slow to Fast" is not retained and is only active while the fixture is receiving a DMX value in this range.										

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Channel	Function	Function Range	Decimal Low	Decimal High	Percent Low	Percent High	Controller Default	Unit	Range Low	Range High
21	Control	Disable	0	9	0%	4%	0	N/A	N/A	N/A
		Reserved	10	19	4%	7%				
		Display Off	20	28	8%	11%				
		Display On	29	35	11%	14%				
		Reserved	36	48	14%	19%				
		Home All	49	68	19%	27%				
		Shutdown	69	75	27%	29%				
		Red Shift Off	76	85	30%	33%				
		Red Shift On	86	95	34%	37%				
		LED PWM 2.4 KHz	96	105	38%	41%				
		LED PWM 16 KHz	106	115	42%	45%				
		Independent Base Intensity	116	125	45%	49%				
		Master Base Intensity	126	135	49%	53%				
		Reserved	136	255	53%	100%				
Note: To change a "Control" range, you must start at value 0 and go directly to the target range value. After a pause of approximately 3 seconds, the action occurs.										

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Flex/Macro Module

Channel	Function	Function Range	Decimal Low	Decimal High	Percent Low	Percent High	Controller Default	Unit	Range Low	Range High
1	Flex/Macro Mode	Off	0	0	0%	0%	0	N/A	N/A	N/A
		Macro 1	1	1	0%	0%				
		Macro 2	2	2	1%	1%				
		Macro 3	3	3	1%	1%				
		...	-	-	-	-				
		Macro 99	99	99	39%	39%				
	Reserved	100	255	39%	100%					
2	Flex/Macro Speed	Reverse, Fast to Slow	0	126	0%	49%	192	%	-100	100
		Stop	127	128	50%	50%				
		Forward, Slow to Fast	129	255	51%	100%				
3	Flex/Macro Crossfade	Stop to Fast	0	255	0%	100%	128	%	0	100
4	Strobe Mode	Off	0	15	0%	6%	0	N/A	N/A	N/A
		Synchronous	16	31	6%	12%				
		Random	32	47	13%	18%				
		Synchronous Random	48	63	19%	25%				
		Reserved	64	255	25%	100%				
5	Strobe	Off	0	23	0%	9%	255	Hz	0.8	31.25
		Slow to fast	24	229	9%	90%				
		Open	230	255	90%	100%				
6	Flex/Macro 1 - Red	Off to Full	0	255	0%	100%	255	%	0	100
7	Flex/Macro 1 - Green	Off to Full	0	255	0%	100%	255	%	0	100
8	Flex/Macro 1 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
9	Flex/Macro 1 - White	Off to Full	0	255	0%	100%	255	%	0	100
10	Flex/Macro 2 - Red	Off to Full	0	255	0%	100%	255	%	0	100
11	Flex/Macro 2 - Green	Off to Full	0	255	0%	100%	255	%	0	100
12	Flex/Macro 2 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
13	Flex/Macro 2 - White	Off to Full	0	255	0%	100%	255	%	0	100
14	Flex/Macro 3 - Red	Off to Full	0	255	0%	100%	255	%	0	100
15	Flex/Macro 3 - Green	Off to Full	0	255	0%	100%	255	%	0	100
16	Flex/Macro 3 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
17	Flex/Macro 3 - White	Off to Full	0	255	0%	100%	255	%	0	100

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Pixel Module

Channel	Function	Function Range	Decimal Low	Decimal High	Percent Low	Percent High	Controller Default	Unit	Range Low	Range High
1	Pixel 1 - Red	Off to Full	0	255	0%	100%	255	%	0	100
2	Pixel 1 - Green	Off to Full	0	255	0%	100%	255	%	0	100
3	Pixel 1 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
4	Pixel 1 - White	Off to Full	0	255	0%	100%	255	%	0	100
5	Pixel 2 - Red	Off to Full	0	255	0%	100%	255	%	0	100
6	Pixel 2 - Green	Off to Full	0	255	0%	100%	255	%	0	100
7	Pixel 2 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
8	Pixel 2 - White	Off to Full	0	255	0%	100%	255	%	0	100
9	Pixel 3 - Red	Off to Full	0	255	0%	100%	255	%	0	100
10	Pixel 3 - Green	Off to Full	0	255	0%	100%	255	%	0	100
11	Pixel 3 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
12	Pixel 3 - White	Off to Full	0	255	0%	100%	255	%	0	100
13	Pixel 4 - Red	Off to Full	0	255	0%	100%	255	%	0	100
14	Pixel 4 - Green	Off to Full	0	255	0%	100%	255	%	0	100
15	Pixel 4 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
16	Pixel 4 - White	Off to Full	0	255	0%	100%	255	%	0	100
17	Pixel 5 - Red	Off to Full	0	255	0%	100%	255	%	0	100
18	Pixel 5 - Green	Off to Full	0	255	0%	100%	255	%	0	100
19	Pixel 5 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
20	Pixel 5 - White	Off to Full	0	255	0%	100%	255	%	0	100
21	Pixel 6 - Red	Off to Full	0	255	0%	100%	255	%	0	100
22	Pixel 6 - Green	Off to Full	0	255	0%	100%	255	%	0	100
23	Pixel 6 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
24	Pixel 6 - White	Off to Full	0	255	0%	100%	255	%	0	100
25	Pixel 7 - Red	Off to Full	0	255	0%	100%	255	%	0	100
26	Pixel 7 - Green	Off to Full	0	255	0%	100%	255	%	0	100
27	Pixel 7 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
28	Pixel 7 - White	Off to Full	0	255	0%	100%	255	%	0	100
29	Pixel 8 - Red	Off to Full	0	255	0%	100%	255	%	0	100
30	Pixel 8 - Green	Off to Full	0	255	0%	100%	255	%	0	100
31	Pixel 8 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
32	Pixel 8 - White	Off to Full	0	255	0%	100%	255	%	0	100
33	Pixel 9 - Red	Off to Full	0	255	0%	100%	255	%	0	100
34	Pixel 9 - Green	Off to Full	0	255	0%	100%	255	%	0	100
35	Pixel 9 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
36	Pixel 9 - White	Off to Full	0	255	0%	100%	255	%	0	100
37	Pixel 10 - Red	Off to Full	0	255	0%	100%	255	%	0	100
38	Pixel 10 - Green	Off to Full	0	255	0%	100%	255	%	0	100
39	Pixel 10 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
40	Pixel 10 - White	Off to Full	0	255	0%	100%	255	%	0	100
41	Pixel 11 - Red	Off to Full	0	255	0%	100%	255	%	0	100
42	Pixel 11 - Green	Off to Full	0	255	0%	100%	255	%	0	100
43	Pixel 11 - Blue	Off to Full	0	255	0%	100%	255	%	0	100

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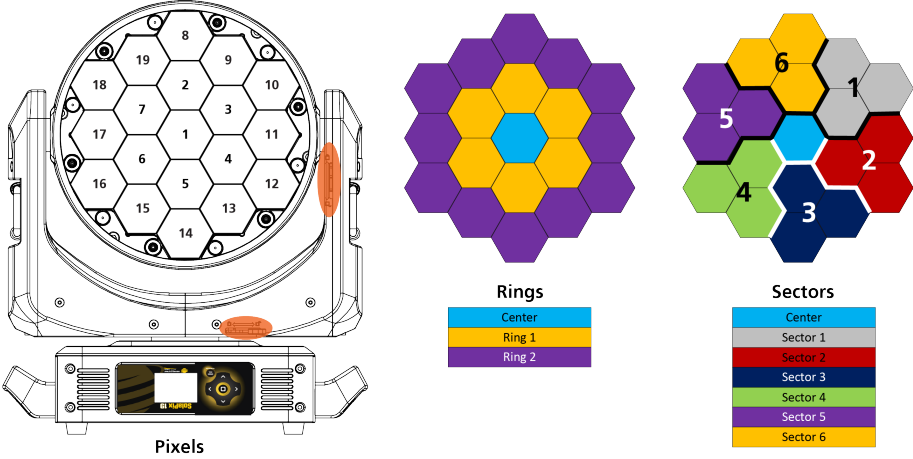
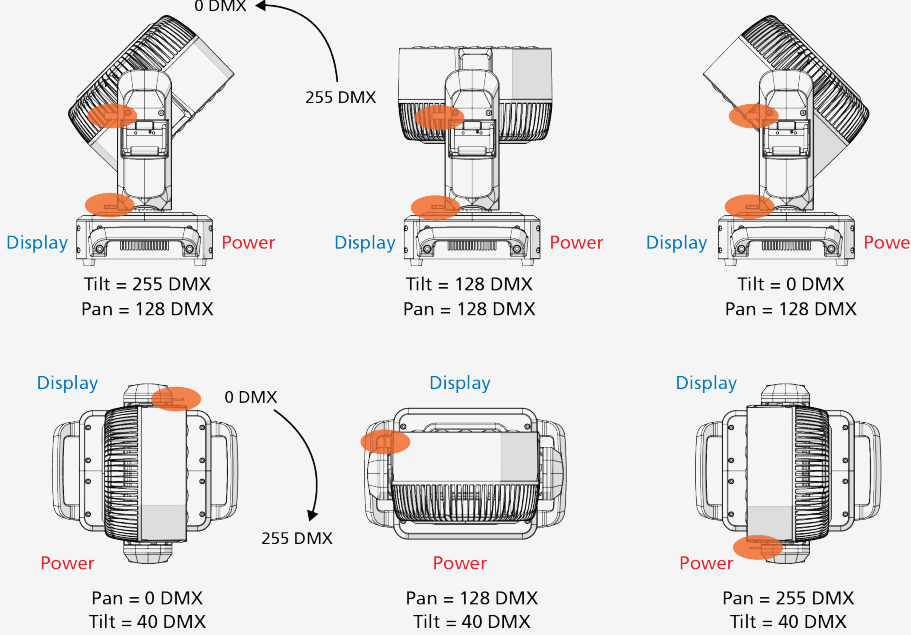
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Channel	Function	Function Range	Decimal Low	Decimal High	Percent Low	Percent High	Controller Default	Unit	Range Low	Range High
44	Pixel 11 - White	Off to Full	0	255	0%	100%	255	%	0	100
45	Pixel 12 - Red	Off to Full	0	255	0%	100%	255	%	0	100
46	Pixel 12 - Green	Off to Full	0	255	0%	100%	255	%	0	100
47	Pixel 12 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
48	Pixel 12 - White	Off to Full	0	255	0%	100%	255	%	0	100
49	Pixel 13 - Red	Off to Full	0	255	0%	100%	255	%	0	100
50	Pixel 13 - Green	Off to Full	0	255	0%	100%	255	%	0	100
51	Pixel 13 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
52	Pixel 13 - White	Off to Full	0	255	0%	100%	255	%	0	100
53	Pixel 14 - Red	Off to Full	0	255	0%	100%	255	%	0	100
54	Pixel 14 - Green	Off to Full	0	255	0%	100%	255	%	0	100
55	Pixel 14 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
56	Pixel 14 - White	Off to Full	0	255	0%	100%	255	%	0	100
57	Pixel 15 - Red	Off to Full	0	255	0%	100%	255	%	0	100
58	Pixel 15 - Green	Off to Full	0	255	0%	100%	255	%	0	100
59	Pixel 15 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
60	Pixel 15 - White	Off to Full	0	255	0%	100%	255	%	0	100
61	Pixel 16 - Red	Off to Full	0	255	0%	100%	255	%	0	100
62	Pixel 16 - Green	Off to Full	0	255	0%	100%	255	%	0	100
63	Pixel 16 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
64	Pixel 16 - White	Off to Full	0	255	0%	100%	255	%	0	100
65	Pixel 17 - Red	Off to Full	0	255	0%	100%	255	%	0	100
66	Pixel 17 - Green	Off to Full	0	255	0%	100%	255	%	0	100
67	Pixel 17 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
68	Pixel 17 - White	Off to Full	0	255	0%	100%	255	%	0	100
69	Pixel 18 - Red	Off to Full	0	255	0%	100%	255	%	0	100
70	Pixel 18 - Green	Off to Full	0	255	0%	100%	255	%	0	100
71	Pixel 18 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
72	Pixel 18 - White	Off to Full	0	255	0%	100%	255	%	0	100
73	Pixel 19 - Red	Off to Full	0	255	0%	100%	255	%	0	100
74	Pixel 19 - Green	Off to Full	0	255	0%	100%	255	%	0	100
75	Pixel 19 - Blue	Off to Full	0	255	0%	100%	255	%	0	100
76	Pixel 19 - White	Off to Full	0	255	0%	100%	255	%	0	100

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Notes

1	<p>Face layout: Pan = 129 DMX; Tilt = 40 DMX (Note how the fixture head is oriented in relation to the pan and tilt locks.)</p>  <p>The diagram shows the fixture face layout with 19 numbered pixels (1-19). To the right, two hexagonal diagrams illustrate the ring and sector layouts. The 'Rings' diagram shows a central blue pixel, surrounded by a yellow ring (Ring 1) and a purple ring (Ring 2). The 'Sectors' diagram shows six sectors: Center (blue), Sector 1 (grey), Sector 2 (red), Sector 3 (dark blue), Sector 4 (green), and Sector 5 (purple). A legend below each diagram maps colors to their respective labels.</p>
2	<p>DMX Fixture Orientation Tilt Movement Range: 255° Pan Movement Range: 540° Pan and tilt lock locations are highlighted in orange.</p>  <p>The six diagrams show the fixture head in different orientations. Arrows indicate the DMX values for 0 DMX and 255 DMX. Orange highlights indicate the pan and tilt lock locations. The diagrams are arranged in two rows of three.</p> <ul style="list-style-type: none"> Top-left: Tilt = 255 DMX, Pan = 128 DMX Top-middle: Tilt = 128 DMX, Pan = 128 DMX Top-right: Tilt = 0 DMX, Pan = 128 DMX Bottom-left: Pan = 0 DMX, Tilt = 40 DMX Bottom-middle: Pan = 128 DMX, Tilt = 40 DMX Bottom-right: Pan = 255 DMX, Tilt = 40 DMX
3	RDM Manufacturer ID: 0x4c52
4	<p>SolaPix 19 RDM Device IDs:</p> <ul style="list-style-type: none"> • Base: 0x584 • Flex/Macro: 0x585 • Pixel: 0x586
5	<p>SolaPix 19 XT RDM Device IDs:</p> <ul style="list-style-type: none"> • Base: 0x05D2 • Flex/Macro: 0x05D3 • Pixel: 0x05D4

ETC Reference Guide

SolaPix 19 DMX Channel Map

Revision History

Revision	Change	Release Date
J	Added SolaPix 19 XT. Updated the document layout to be consistent with other products' DMX channel maps.	August 2022
I	Expanded the function range of channel 12, Module Priority, in the Base Module to include Pixel, and adjusted the corresponding values accordingly.	January 2022
H	Corrected several Tilt values in the Base Module: Function Range is now 0° to 255° (was 0° to 277°), Range Low is now -127.5 (was -135), and Range High is now 127.5 (was 135). Corrected the Tilt Movement Range in Note 2 from 270° to 255°.	March 2021
G	Changed the Controller Default value for the Pan and Tilt channels from 32512 to 32767. Updated the DMX Fixture Orientation illustration to correct the "0 DMX" and "255 DMX" Pan values, which had been swapped. Removed the mSpeed information from the document.	December 2020
F	Added firmware version information to the document title.	August 2020
E	Added additional information to the notes for the Fan Speed channel (channel 20 in the Base Module) to clarify that the Fans Mode setting in the fixture UI is overridden by the Standard and Studio control settings.	August 2020
D	Added 5 - Color Mode to the Base Module. Added 4 - Strobe Mode and 5 - Strobe to the Flex/Macro Module. Added DMX Fixture Orientation graphic to the Notes. Added Independent Base Intensity and Master Base Intensity to the Control channel.	March 2020
C	On page 1, changed "Macro" to "Flex/Macro" and changed "Zone Selection" to "Section Selection". In the Flex Module table, changed "Zone" to "Flex/Module". Updated the Base Module table to include Ring 3 information. Updated the graphic in the Notes to add a graphic of the fixture and remove Pixel numbers from the Ring and Sector graphics.	November 2019
B	Corrected Decimal Low and Decimal High values in channel 11 of the Base Module, and fixed a pixel numbering issue in the graphic in Notes.	October 2019
A	Initial release.	October 2019