

DMX chart - SoftLite LED MK2

DMX modes

DMX channels ↓	14 channels	8 channels	7 channel	4 channel	1 channel
1	Master Dimmer	Master Dimmer	Master Dimmer	Red	Master Dimmer
2	Red	Red	White Tone	Green	
3	Green	Green	Green Saturation	Blue	
4	Blue	Blue	Saturation	White	
5	White	White	Hue		
6	Strobe Effect	Strobe Effect	Dimmer Fine		
7	Dimmer Fine	Dimmer Fine	Special Function		
8	Special Function	Special Function			
9	Red Tone				
10	Green Tone				
11	Blue Tone				
12	White Tone				
13	Green Saturation				
14	Saturation				

DMX Chart 14, 8, 4, 1 channels

channel				function	type of control	effect	decimal		percentage	
14	8	4	1							
1	1	-	1	master dimmer	proportional	adjust luminous output intensity from 0% to 100%	0	- 255	0%	- 100%
2	2	1	-	red	proportional	proportional control of the color percentage from 0 to 100%	0	- 255	0%	- 100%
3	3	2	-	green	proportional	proportional control of the color percentage from 0 to 100%	0	- 255	0%	- 100%
4	4	3	-	blue	proportional	proportional control of the color percentage from 0 to 100%	0	- 255	0%	- 100%
5	5	4	-	white	proportional	proportional control of the color percentage from 0 to 100%	0	- 255	0%	- 100%
6	6	-	-	strobe effect	step	no effect	0	- 9	0%	- 100%
					proportional	variable speed strobing effect, from slow to fast	10	- 57	4%	- 22%
					step	stop strobe	58	- 59	23%	- 23%
					proportional	sequenced pulsed strobing effect, slow closing, fast opening (variable speed pulsing, from slow to fast)	60	- 108	24%	- 42%
					step	stop strobe	109	- 110	43%	- 43%
					proportional	sequenced pulsed strobe, fast closing, slow opening (variable speed pulsing, from slow to fast)	111	- 159	44%	- 62%
					step	stop strobe	160	- 161	63%	- 63%
					proportional	strobe effect with random flashes and synchronous colors (variable speed from slow to fast)	162	- 207	64%	- 81%
					step	stop strobe	208	- 209	82%	- 82%
					proportional	strobe effect with random flashes and synchronous colors (variable speed from slow to fast)	210	- 255	82%	- 100%
7	7	-	-	dimmer fine	proportional	fine dimmer control 16 bit	0	- 255	0%	- 100%
8	8	-	-	special function	step	park	0	- 9	0%	- 4%
						no effect	10	- 84	4%	- 33%
						fan at SILENT mode	85	- 96	33%	- 38%
						fan at STUDIO mode	97	- 108	38%	- 42%
						fan at AUTO mode	109	- 120	43%	- 47%
					proportional	fan speed control	121	- 133	47%	- 52%
					step	enables the automatic display blackout	134	- 185	53%	- 73%
						disables the automatic display blackout	186	- 199	73%	- 78%
						no effect	200	- 255	78%	- 100%

9	-	-	-	red tone	step	no effect	0	-	9	0%	-	4%
						RED Preset 1	10	-	71	4%	-	28%
						RED Preset 2	72	-	133	28%	-	52%
						RED Preset 3	134	-	195	53%	-	76%
						RED Preset 4	196	-	255	77%	-	100%
10	-	-	-	green tone	step	no effect	0	-	9	0%	-	4%
						GREEN Preset 1	10	-	71	4%	-	28%
						GREEN Preset 2	72	-	133	28%	-	52%
						GREEN Preset 3	134	-	196	53%	-	76%
						GREEN Preset 4	196	-	255	77%	-	100%
11	-	-	-	blue tone	step	no effect	0	-	255	0%	-	4%
						BLUE Preset 1	10	-	71	4%	-	28%
						BLUE Preset 2	72	-	133	28%	-	52%
						BLUE Preset 3	134	-	195	53%	-	76%
						BLUE Preset 4	196	-	255	77%	-	100%
12	-	-	-	white tone	step	no effect	0	-	9	0%	-	4%
					step	White 2700 K	10	-	15	4%	-	6%
					proportional	proportional value from 2700 K to 3200 K	16	-	30	6%	-	12%
					step	White 3200 K	31	-	45	12%	-	18%
					proportional	proportional value from 3200 K to 4000 K	46	-	60	18%	-	24%
					step	White 4000 K	61	-	75	24%	-	29%
					proportional	proportional value from 4000 K to 5000 K	76	-	90	30%	-	35%
					step	White 5000 K	91	-	105	36%	-	41%
					proportional	proportional value from 5000 K to 5600 K	106	-	120	42%	-	47%
					step	White 5600 K	121	-	135	47%	-	53%
					proportional	proportional value from 5600 K to 7000 K	136	-	150	53%	-	59%
					step	White 7000 K	151	-	165	59%	-	65%
					proportional	proportional value from 7000 K to 8000 K	166	-	180	65%	-	71%
					step	White 8000 K	181	-	195	71%	-	76%
					proportional	proportional value from 8000 K to 9000 K	196	-	210	77%	-	82%
					step	White 9000 K	211	-	225	83%	-	88%
					proportional	proportional value from 9000 K to 10000 K	226	-	240	89%	-	94%
					step	White 10000K	241	-	255	95%	-	100%
13	-	-	-	green saturation	step	no effect	0		0%			
					proportional	exalts the green color in the mixing and diminishes the presence of magenta	1	-	127	0%	-	50%
					step	no effect	128		50%			
					proportional	diminishes the presence of green in the mixing and exalts the green color	129	-	254	51%	-	99%
					step	no effect	255		100%			
14	-	-	-	saturation	proportional	the white tone fades to the tone built with the RGBW channels	0	-	255	0%	-	100%

Note 1: color macros of channels 9 - 10 - 11 - 12 can also be obtained though the mixing of channels 2 - 3 - 4 - 5.

Note 2: the one channel function mode can be selected though the DMX function menu. The color temperature is selectable by display

Note 3: the rest position of the green saturation DMX channel is 128. Diminishing the DMX value augment the presence of the green color. Increasing the DMX value augments the presence of magenta

Note 4: increasing the value of the Saturation DMX channel the white light will fade to the color selected with the RGBW DMX channel.

8.2 DMX Chart 7 channels

channel	function	type of control	effect	decimal		percentage	
1	master dimmer	proportional	adjust luminous output intensity from 0% to 100%	0	- 255	0%	- 100%
2	white tone	step	White 2700 K	0	- 15	0%	- 6%
		proportional	proportional value from 2700 K to 3200 K	16	- 30	6%	- 12%
		step	White 3200 K	31	- 45	12%	- 18%
		proportional	proportional value from 3200 K to 4000 K	46	- 60	18%	- 24%
		step	White 4000 K	61	- 75	24%	- 29%
		proportional	proportional value from 4000 K to 5000 K	76	- 90	30%	- 35%
		step	White 5000 K	91	- 105	36%	- 41%
		proportional	proportional value from 5000 K to 5600 K	106	- 120	42%	- 47%
		step	White 5600 K	121	- 135	47%	- 53%
		proportional	proportional value from 5600 K to 7000 K	136	- 150	53%	- 59%
		step	White 7000 K	151	- 165	59%	- 65%
		proportional	proportional value from 7000 K to 8000 K	166	- 180	65%	- 71%
		step	White 8000 K	181	- 195	71%	- 76%
		proportional	proportional value from 8000 K to 9000 K	196	- 210	77%	- 82%
		step	White 9000 K	211	- 225	83%	- 88%
		proportional	proportional value from 9000 K to 10000 K	226	- 240	89%	- 94%
		step	White 10000K	241	- 255	95%	- 100%
3	green saturation	step	no effect	0		0%	
		proportional	exalts the green color in the mixing and diminishes the presence of magenta	1	- 127	0%	- 20%
		step	no effect	128		50%	
		proportional	diminishes the presence of green in the mixing and exalts the green color	129	- 254	51%	- 99%
		step	no effect	255		100%	
4	saturation	proportional	the white tone fades to the tone built with the RGBW channels	0	- 255	0%	- 100%
5	hue	proportional	reproduces the sequence arbitrary color cross-fades around the color space	0	- 255	0%	- 100%
6	dimmer fine	proportional	fine dimmer control 16 bit	0	- 255	0%	- 100%

7	special function	step	park	0	-	9	0%	-	4%
			no effect	10	-	84	4%	-	33%
			fan at SILENT mode	85	-	96	33%	-	38%
			fan at STUDIO mode	97	-	108	38%	-	42%
			fan at AUTO mode	109	-	120	43%	-	47%
		proportional	fan speed control	121	-	133	47%	-	52%
		step	enables the automatic display blackout	134	-	185	53%	-	73%
			disables the automatic display blackout	186	-	199	73%	-	78%
			no effect	200	-	255	78%	-	100%

Note 1: the rest position of the Green saturation DMX channel is 128. Diminishing the DMX value augments the presence of the green color. Increasing the DMX value augments the presence of magenta.

Note 2: increasing the value of the Saturation DMX channel the white light will fade to the color selected with the RGBW DMX channel.