

Reflection LEDko - FullSpectrum 6
DMX Chart (16/7/1 ch)

channel			function	type of control	effect	decimal		percentage	
16ch	7ch	1ch							
1	1	1 ²	master dimmer	proportional	adjust luminous output intensity from 0 % to 100 %	0	- 255	0%	- 100%
2	2	-	red	proportional	proportional control of the color percentage from 0 % to 100 %	0	- 255	0%	- 100%
3	3	-	green	proportional	proportional control of the color percentage from 0 % to 100 %	0	- 255	0%	- 100%
4	4	-	blue	proportional	proportional control of the color percentage from 0 % to 100 %	0	- 255	0%	- 100%
5	5	-	white	proportional	proportional control of the color percentage from 0 % to 100 %	0	- 255	0%	- 100%
6	6	-	lime	proportional	proportional control of the color percentage from 0 % to 100 %	0	- 255	0%	- 100%
7	7	-	amber	proportional	proportional control of the color percentage from 0 % to 100 %	0	- 255	0%	- 100%
8	-	-	strobe effect	step	no effect	0	- 9	0%	- 4%
				proportional	variable speed strobing effect, from slow to fast	10	- 57	4%	- 22%
				step	stop strobe	58	- 59	23%	- 23%
				proportional	sequenced pulsed strobe, slow closing, fast operating (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 operating (variable speed pulsing, from slow to fast)	111	- 159	44%	- 62%
				step	stop strobe	160	- 161	63%	- 63%
				proportional	random strobe effect with variable speed from slow to fast and synchronised colors	162	- 207	64%	- 81%
				proportional	random strobe effect with variable speed from slow to fast and non-synchronised colors	210	- 255	82%	- 100%
9	-	-	dimmer fine	proportional	fine dimmer control 16 bit	0	- 255	0%	- 100%
10	-	-	special function	step	no effect / park	0	- 71	0%	- 28%
					600 Hz	72	- 84	28%	- 33%
					fan at low-speed	85	- 96	33%	- 38%
					fan at studio mode	97	- 108	38%	- 42%
					fan at auto-speed	109	- 120	43%	- 47%
				proportional	fan speed control from minimum to maximum	121	- 133	47%	- 52%
				step	LCD display off	134	- 185	53%	- 73%
					LCD display on	186	- 199	73%	- 78%
					LED control frequency tuning 1000 Hz	200	- 205	78%	- 80%
					LED control frequency tuning 3000Hz	206	- 211	81%	- 83%
					LED control frequency tuning 6000Hz	212	- 217	83%	- 85%
					LED control frequency tuning 8000Hz	218	- 223	85%	- 87%
					LED control frequency tuning 10000Hz	224	- 229	88%	- 90%
					LED control frequency tuning 12000Hz	230	- 235	90%	- 92%
LED control frequency tuning 14000Hz	236	- 241	93%		- 95%				
LED control frequency tuning 16000Hz	242	- 247	95%	- 97%					
LED control frequency tuning 19000Hz	248	- 255	97%	- 100%					
11'	-	-	red tone	step	no effect	0	- 9	0%	- 4%
					R823 MEDIUM RED	10	- 34	4%	- 13%
					R25 ORANGE RED (TUNGSTEN)	35	- 59	14%	- 23%
					R24 SCARLET LED (D65)	60	- 84	24%	- 33%
					R0 BASTARD AMBER	85	- 109	33%	- 43%
					light off (future red tone presets)	110	- 134	43%	- 53%
					light off (future red tone presets)	135	- 159	53%	- 62%
					light off (future red tone presets)	160	- 184	63%	- 72%
					light off (future red tone presets)	185	- 209	73%	- 82%
					light off (future red tone presets)	210	- 234	82%	- 92%
					light off (future red tone presets)	235	- 255	92%	- 100%

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channel			function	type of control	effect	decimal		percentage			
16ch	7ch	1ch									
12 ¹	-	-	green tone	step	no effect	0	-	9	0%	-	4%
					R4460 CALCOLOR 60 GREEN	10	-	34	4%	-	13%
					R2004 DEEP GREEN	35	-	59	14%	-	23%
					E730 LIGHT GREEN	60	-	84	24%	-	33%
					E088 LIME GREEN	85	-	109	33%	-	43%
					light off (future green tone presets)	110	-	134	43%	-	53%
					light off (future green tone presets)	135	-	159	53%	-	62%
					light off (future green tone presets)	160	-	184	63%	-	72%
					light off (future green tone presets)	185	-	209	73%	-	82%
					light off (future green tone presets)	210	-	234	82%	-	92%
light off (future green tone presets)	235	-	255	92%	-	100%					
13 ¹	-	-	blue tone	step	no effect	0	-	9	0%	-	4%
					R2008 STORARO PURPLE	10	-	34	4%	-	13%
					E5058 FRENCH LILAC	35	-	59	14%	-	23%
					SOFT PURPLE	60	-	84	24%	-	33%
					RIPE PURPLE	85	-	109	33%	-	43%
					light off (future blue tone presets)	110	-	134	43%	-	53%
					light off (future blue tone presets)	135	-	159	53%	-	62%
					light off (future blue tone presets)	160	-	184	63%	-	72%
					light off (future blue tone presets)	185	-	209	73%	-	82%
					light off (future blue tone presets)	210	-	234	82%	-	92%
light off (future blue tone presets)	235	-	255	92%	-	100%					
14	-	-	white tone	step	no effect	0	-	9	0%	-	4%
				step	2700K	10	-	30	4%	-	12%
				proportional	porportional value from 2700K to 3200K	31	-	52	12%	-	20%
				step	3200K	53	-	74	21%	-	29%
				proportional	porportional value from 3200K to 4000K	75	-	96	29%	-	38%
				step	4000K	97	-	118	38%	-	46%
				proportional	porportional value from 4000K to 5000K	119	-	140	47%	-	55%
				step	5000K	141	-	162	55%	-	64%
				proportional	porportional value from 5000K to 5600K	163	-	184	64%	-	72%
				step	5600K	185	-	206	73%	-	81%
proportional	porportional value from 5600K to 6500K	207	-	228	81%	-	89%				
step	6500K	229	-	255	90%	-	100%				
15 ³	-	-	green saturation	step	no effect	0	-	1	0%	-	0%
				proportional	exalts the green color in the mixing and diminishes the presence of magenta	2	-	123	1%	-	48%
				step	no effect	124	-	132	49%	-	52%
				proportional	diminishes the presence of green in the mixing and exalts the magenta color	133	-	253	52%	-	99%
				step	no effect	254	-	255	100%	-	100%
16 ⁴	-	-	saturation	proportional	the white tone fades to the tone built with the RGBWLA channels	0	-	255	0%	-	100%

NOTE 1: channels involving 10 - 11 - 12 macro colors can also be obtained by mixing channels 2 - 3 - 4 - 5 - 6 - 7.

NOTE 2: the one channel function mode can be selected through the DMX function menu.

NOTE 3: the rest position of the green sauration is 128. Diminishing the DMX value augments 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 tone (channel 14) will fade to the color selected by the channel 2, 3, 4, 5, 6 or 7.

Projector: Reflection LEDko FullSpectrum RGBWLA

Chart name: DMX 512 function

software version 2.04 or following

Chart number: 374

Edition: 3

Date: 25.05.2018

Reflection LEDko - FullSpectrum 6
DMX Chart (5 ch)

channel 5ch	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 temperature	step	3200K	0 - 5	0% - 2%
			2700K	6 - 11	2% - 4%
			2800K	12 - 17	5% - 7%
			2900K	18 - 23	7% - 9%
			3000K	24 - 29	9% - 11%
			3100K	30 - 35	12% - 14%
			3200K	36 - 41	14% - 16%
			3300K	42 - 47	16% - 18%
			3400K	48 - 53	19% - 21%
			3500K	54 - 59	21% - 23%
			3600K	60 - 65	24% - 25%
			3700K	66 - 71	26% - 28%
			3800K	72 - 77	28% - 30%
			3900K	78 - 83	31% - 33%
			4000K	84 - 89	33% - 35%
			4100K	90 - 95	35% - 37%
			4200K	96 - 101	38% - 40%
			4300K	102 - 107	40% - 42%
			4400K	108 - 113	42% - 44%
			4500K	114 - 119	45% - 47%
			4600K	120 - 125	47% - 49%
			4700K	126 - 131	49% - 51%
			4800K	132 - 137	52% - 54%
			4900K	138 - 143	54% - 56%
5000K	144 - 149	56% - 58%			
5100K	150 - 155	59% - 61%			
5200K	156 - 161	61% - 63%			
5300K	162 - 167	64% - 65%			
5400K	168 - 173	66% - 68%			
5500K	174 - 179	68% - 70%			
5600K	180 - 185	71% - 73%			
5700K	186 - 191	73% - 75%			
5800K	192 - 197	75% - 77%			
5900K	198 - 203	78% - 80%			
6000K	204 - 209	80% - 82%			
6100K	210 - 215	82% - 84%			
6200K	216 - 221	85% - 87%			
6300K	222 - 227	87% - 89%			
6400K	228 - 233	89% - 91%			
6500K	234 - 239	92% - 94%			
5600K	240 - 255	94% - 100%			
3 ¹	green saturation	step	no effect	0 - 9	0% - 4%
		proportional	exalts the green color in the mixing and diminishes the presence of magenta	10 - 123	4% - 48%
		step	no effect	124 - 132	49% - 52%
		proportional	diminishes the presence of green in the mixing and exalts the magenta color	133 - 246	52% - 96%
		step	no effect	247 - 255	97% - 100%
4	dimmer fine	proportional	fine dimmer control 16 bit	0 - 255	0% - 100%
5	special function	step	no effect / park	0 - 71	0% - 28%
			600 Hz	72 - 84	28% - 33%
			fan at low-speed	85 - 96	33% - 38%
			fan at studio mode	97 - 108	38% - 42%
			fan at auto-speed	109 - 120	43% - 47%
		proportional	fan speed control from minimum to maximum	121 - 133	47% - 52%
		step	LCD display off	134 - 185	53% - 73%
			LCD display on	186 - 199	73% - 78%
			LED control frequency tuning 1000 Hz	200 - 205	78% - 80%
			LED control frequency tuning 3000Hz	206 - 211	81% - 83%
			LED control frequency tuning 6000Hz	212 - 217	83% - 85%
			LED control frequency tuning 8000Hz	218 - 223	85% - 87%
			LED control frequency tuning 10000Hz	224 - 229	88% - 90%
			LED control frequency tuning 12000Hz	230 - 235	90% - 92%
LED control frequency tuning 14000Hz	236 - 241		93% - 95%		
LED control frequency tuning 16000Hz	242 - 247	95% - 97%			
LED control frequency tuning 19000Hz	248 - 255	97% - 100%			

NOTE 1: The rest position of green saturation is 128. Diminishing the DMX value augments the presence of the green color. Increasing the DMX value augments the presence of magenta.