

channel			function	type of control	effect	decimal		percentage			
16	7	1									
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	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 pulse 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 pulse effect, fast closing, slow opening (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	162	-	207	64%	-	81%
				step	stop strobe	208	-	209	82%	-	82%
				proportional	random strobe effect with variable speed from slow to fast	210	-	255	82%	-	100%
9	-	-	dimmer fine	proportional	fine dimmer control 16 bit	0	-	255	0%	-	100%
10	-	-	special functions	step	no effect	0	-	9	0%	-	4%
					no effect	10	-	84	4%	-	33%
					fan at low-noise speed	85	-	96	33%	-	38%
					fan at studio mode	97	-	108	38%	-	42%
					fan at auto-silent speed	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%

11'	-	-	red tone	step	no effect	0	-	9	0%	-	4%
					R24 - Scarlet red	10	-	34	4%	-	13%
					R02 - Bastard amber	35	-	59	14%	-	23%
					R313 - Light relief yellow	60	-	84	24%	-	33%
					R18 - Flame	85	-	109	33%	-	43%
					R331 - Shell pink	110	-	134	43%	-	53%
					R25 - Orange red	135	-	159	53%	-	62%
					R46 - Magenta	160	-	184	63%	-	72%
					R08 - Pale gold	185	-	209	73%	-	82%
					R27 - Medium red	210	-	234	82%	-	92%
R318 - Mayan sun	235	-	255	92%	-	100%					
12'	-	-	green tone	step	no effect	0	-	9	0%	-	4%
					R4460 - Calcolor 60 green	10	-	34	4%	-	13%
					R2004 - Storaro green	35	-	59	14%	-	23%
					E730 - Liberty green	60	-	84	24%	-	33%
					E088 - Lime green	85	-	109	33%	-	43%
					R90 - Kelly green	110	-	134	43%	-	53%
					R395 - Teal green	135	-	159	53%	-	62%
					R91 - Primary green	160	-	184	63%	-	72%
					R393 - Emerald green	185	-	209	73%	-	82%
					R393 - Leaf green	210	-	234	82%	-	92%
R86 - Pea green	235	-	255	92%	-	100%					
13'	-	-	blue tone	step	no effect	0	-	9	0%	-	4%
					R2008 - Storaro indigo	10	-	34	4%	-	13%
					E5058 - French lilac	35	-	59	14%	-	23%
					R369 - Tahitian blue	60	-	84	24%	-	33%
					R347 - Belladonna rose	85	-	109	33%	-	43%
					R381 - Baldassari blue	110	-	134	43%	-	53%
					R57 - Lavander	135	-	159	53%	-	62%
					R55 - Lilac	160	-	184	63%	-	72%
					R4790 - Calcolor 90 magenta	185	-	209	73%	-	82%
					R92 - Turquoise	210	-	234	82%	-	92%
R370 - Italian blue	235	-	255	92%	-	100%					
14	-	-	white tone	step	no effect	0	-	9	0%	-	4%
				step	2.700 K	10	-	30	4%	-	12%
				proportional	proportional value from 2.700 K to 3.200 K	31	-	52	12%	-	20%
				step	3.200 K	53	-	74	21%	-	29%
				proportional	proportional value from 3.200 K to 4.000 K	75	-	96	29%	-	38%
				step	4.000 K	97	-	118	38%	-	46%
				proportional	proportional value from 4.000 K to 5.000 K	119	-	140	47%	-	55%
				step	5.000 K	141	-	162	55%	-	64%
				proportional	proportional value from 5.000 K to 5.600 K	163	-	184	64%	-	72%
				step	5.600 K	185	-	206	73%	-	81%
proportional	proportional value from 5.600 K to 6.500 K	207	-	228	81%	-	89%				
step	6.500 K	229	-	255	90%	-	100%				

15 ³	-	-	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%
16 ⁴	-	-	saturation	proportional	the white tone fades to the tone built with the RGBWLA channels	0	-	255	0%	-	100%

Note 1: channels involving 11 - 12 - 13 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 SETTINGS” menu.

Note 3: the rest position of the green saturation 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 - 7.

Projector: LEDko FullSpectrum 6 HD

Chart name: DMX512
function

software version: 0.28 or
following

Edition: 5

Date: 25.11.2019

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	3.200 K	0	- 10	0%	- 4%
			2.700 K	11	- 16	4%	- 6%
			2.800 K	17	- 22	7%	- 9%
			2.900 K	23	- 28	9%	- 11%
			3.000 K	29	- 34	11%	- 13%
			3.100 K	35	- 40	14%	- 16%
			3.200 K	41	- 46	16%	- 18%
			3.300 K	47	- 52	18%	- 20%
			3.400 K	53	- 58	21%	- 23%
			3.500 K	59	- 64	23%	- 25%
			3.600 K	65	- 70	25%	- 27%
			3.700 K	71	- 76	28%	- 30%
			3.800 K	77	- 82	30%	- 32%
			3.900 K	83	- 88	33%	- 35%
			4.000 K	89	- 94	35%	- 37%
			4.100 K	95	- 100	37%	- 39%
			4.200 K	101	- 106	40%	- 42%
			4.300 K	107	- 112	42%	- 44%
			4.400 K	113	- 118	44%	- 46%
			4.500 K	119	- 124	47%	- 49%
			4.600 K	125	- 130	49%	- 51%
			4.700 K	131	- 136	51%	- 53%
			4.800 K	137	- 142	54%	- 56%
			4.900 K	143	- 148	56%	- 58%
			5.000 K	149	- 154	58%	- 60%
			5.100 K	155	- 160	61%	- 63%
			5.200 K	161	- 166	63%	- 65%
			5.300 K	167	- 172	65%	- 67%
			5.400 K	173	- 178	68%	- 70%
			5.500 K	179	- 184	70%	- 72%
5.600 K	185	- 190	73%	- 75%			
5.700 K	191	- 196	75%	- 77%			
5.800 K	197	- 202	77%	- 79%			
5.900 K	203	- 208	80%	- 82%			
6.000 K	209	- 214	82%	- 84%			
6.100 K	215	- 220	84%	- 86%			
6.200 K	221	- 226	87%	- 89%			
6.300 K	227	- 232	89%	- 91%			
6.400 K	233	- 238	91%	- 93%			
6.500 K	239	- 244	94%	- 96%			
5.600 K	245	- 255	96%	- 100%			

3¹	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 HUE channel	0 - 255	0% - 100%
5²	hue	proportional	reproduce the color crossfades 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	no effect	0 - 9	0% - 4%
			no effect	10 - 84	4% - 33%
			fan at low-noise speed	85 - 96	33% - 38%
			fan at studio mode	97 - 108	38% - 42%
			fan at auto-silent speed	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 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 (channel 4) the white light will fade to the color selected with the HUE channel (channel 5)

Projector: LEDko FullSpectrum 6 HD

Chart name: DMX512 function

software version: 0.28 or following

Edition: 5

Date: 25.11.2019

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	dimmer fine	step	fine dimmer control 16 bit	0 - 255	0% - 100%
3	red	proportional	proportional control of the color percentage from 0 % to 100 %	0 - 255	0% - 100%
4	green	proportional	proportional control of the color percentage from 0 % to 100 %	0 - 255	0% - 100%
5	blue	proportional	proportional control of the color percentage from 0 % to 100 %	0 - 255	0% - 100%
6	white tone	step	no effect	0 - 9	0% - 4%
		step	2.700 K	10 - 30	4% - 12%
		proportional	proportional value from 2.700 K to 3.200 K	31 - 52	12% - 20%
		step	3.200 K	53 - 74	21% - 29%
		proportional	proportional value from 3.200 K to 4.000 K	75 - 96	29% - 38%
		step	4.000 K	97 - 118	38% - 46%
		proportional	proportional value from 4.000 K to 5.000 K	119 - 140	47% - 55%
		step	5.000 K	141 - 162	55% - 64%
		proportional	proportional value from 5.000 K to 5.600 K	163 - 184	64% - 72%
		step	5.600 K	185 - 206	73% - 81%
		proportional	proportional value from 5.600 K to 6.500 K	207 - 228	81% - 89%
step	6.500 K	229 - 255	90% - 100%		
7¹	saturation	proportional	the white tone fades to the tone built with the RGB channels	0 - 255	0% - 100%
8	strobe	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 pulse 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 pulse effect, fast closing, slow opening (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	162 - 207	64% - 81%
		step	stop strobe	208 - 209	82% - 82%
		proportional	random strobe effect with variable speed from slow to fast	210 - 255	82% - 100%

9	special function	step	no effect	0	-	9	0%	-	4%
			no effect	10	-	84	4%	-	33%
			fan at low-noise speed	85	-	96	33%	-	38%
			fan at studio mode	97	-	108	38%	-	42%
			fan at auto-silent speed	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: increasing the value of the saturation DMX channel the white tone (channel 6) will fade to the color selected by the channel 3, 4 or 5

Projector: LEDko FullSpectrum 6 HD	Chart name: DMX512 function	software version: 0.28 or following
Edition: 5	Date: 25.11.2019	

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	dimmer fine	step	fine dimmer control 16 bit	0	- 255	0%	- 100%
3	red	proportional	proportional control of the color percentage from 0 % to 100 %	0	- 255	0%	- 100%
4	red fine	step	fine red control 16 bit	0	- 255	0%	- 100%
5	green	proportional	proportional control of the color percentage from 0 % to 100 %	0	- 255	0%	- 100%
6	green fine	step	fine green control 16 bit	0	- 255	0%	- 100%
7	blue	proportional	proportional control of the color percentage from 0 % to 100 %	0	- 255	0%	- 100%
8	blue fine	step	fine blue control 16 bit	0	- 255	0%	- 100%
9	white tone	step	no effect	0	- 9	0%	- 4%
			2.700 K	10	- 30	4%	- 12%
		proportional	proportional value from 2.700 K to 3.200 K	31	- 52	12%	- 20%
			3.200 K	53	- 74	21%	- 29%
		proportional	proportional value from 3.200 K to 4.000 K	75	- 96	29%	- 38%
			4.000 K	97	- 118	38%	- 46%
		proportional	proportional value from 4.000 K to 5.000 K	119	- 140	47%	- 55%
			5.000 K	141	- 162	55%	- 64%
		proportional	proportional value from 5.000 K to 5.600 K	163	- 184	64%	- 72%
			5.600 K	185	- 206	73%	- 81%
proportional	proportional value from 5.600 K to 6.500 K	207	- 228	81%	- 89%		
	6.500 K	229	- 255	90%	- 100%		
10¹	saturation	proportional	the white tone fades to the tone built with the RGB channels	0	- 255	0%	- 100%
11	strobe	step	no effect	0	- 9	0%	- 4%
			variable speed strobing effect, from slow to fast	10	- 57	4%	- 22%
		proportional	stop strobe	58	- 59	23%	- 23%
			sequenced pulse effect, slow closing, fast opening (variable speed pulsing, from slow to fast)	60	- 108	24%	- 42%
		step	stop strobe	109	- 110	43%	- 43%
			sequenced pulse effect, fast closing, slow opening (variable speed pulsing, from slow to fast)	111	- 159	44%	- 62%
		step	stop strobe	160	- 161	63%	- 63%
			random strobe effect with variable speed from slow to fast	162	- 207	64%	- 81%
		step	stop strobe	208	- 209	82%	- 82%
			random strobe effect with variable speed from slow to fast	210	- 255	82%	- 100%

12	special function	step	no effect	0	-	9	0%	-	4%
			no effect	10	-	84	4%	-	33%
			fan at low-noise speed	85	-	96	33%	-	38%
			fan at studio mode	97	-	108	38%	-	42%
			fan at auto-silent speed	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: increasing the value of the saturation DMX channel the white tone (channel 6) will fade to the color selected by the channel 3, 4 or 5

Projector: LEDko FullSpectrum 6 HD	Chart name: DMX512 function	software version: 0.28 or following
Edition: 5	Date: 25.11.2019	