

channel	function	type of control	effect	decimal		percentage	
1	X axis, base movement (pan) coarse	proportional	proportional coarse control of the base motor movement	0	- 255	0%	- 100%
2	X axis, base movement (pan) fine	proportional	proportional fine control of the base motor movement	0	- 255	0%	- 100%
3	Y axis, yoke movement (tilt) coarse	proportional	proportional coarse control of the yoke motor movement	0	- 255	0%	- 100%
4	Y axis, yoke movement (tilt) fine	proportional	proportional fine control of the yoke motor movement	0	- 255	0%	- 100%
5	movement speed	step	standard (fast)	0	- 10	0%	- 4%
		step	ultra fast movement (best for programming positions)	11	- 25	4%	- 10%
		proportional	vector mode (from fast to slow)	26	- 127	10%	- 50%
		proportional	tracking mode (from fast to slow)	128	- 247	50%	- 97%
		step	smooth mode	248	- 255	97%	- 100%
6	master dimmer	proportional	gradual adjustment of luminous intensity from 0 to 100%	0	- 255	0%	- 100%
7	tuneable white	step	3200K	0	- 9	0%	- 4%
		proportional	3000K-6500K	10	- 244	4%	- 96%
		step	5600K	245	- 255	96%	- 100%
8	strobe	step	no effect	0	- 9	0%	- 4%
		proportional	strobe effect with variable speed from slow to fast	10	- 57	4%	- 22%
		step	stop strobe	58	- 59	23%	- 23%
		proportional	sequenced pulse effect, slow closing, fast opening (with variable speed from slow to fast)	60	- 108	24%	- 42%
		step	stop strobo	109	- 110	43%	- 43%
		proportional	sequenced pulse effect, fast closing, slow opening (with variable speed from fast to slow)	111	- 159	44%	- 62%
		step	stop strobo	160	- 161	63%	- 63%
		proportional	strobe effect, random variable speed from slow to fast, synchronized colors	162	- 207	64%	- 81%
		step	stop strobo	208	- 209	82%	- 82%
proportional	random strobe effect, random variable speed from slow to fast, not synchronized colors	210	- 255	82%	- 100%		
9	iris diaphragm (LIN-Linear)	step	open	0	- 9	0%	- 4%
		proportional	from maximum to minimum aperture	10	- 255	4%	- 100%
9	iris diaphragm (with internal PULS effect)	step	open	0	- 9	0%	- 4%
		proportional	from maximum to minimum aperture	10	- 124	4%	- 49%
		step	minimum diameter	125	- 129	49%	- 51%
		proportional	pulsing with proportional increase in speed	130	- 189	51%	- 74%
		step	open	190	- 192	75%	- 75%
		proportional	pulse and flash effect with proportional increase in speed	193	- 255	76%	- 100%
10	focus	proportional	proportional control of focus	0	- 255	0%	- 100%
11	zoom	proportional	proportional control of zoom effect wheel from narrow to wide beam	0	- 255	0%	- 100%

channel	function	type of control	effect	decimal	percentage
12	framing shutter 1	proportional	proportional control over the insertion of the first framing shutter from outside the beam to fully inserted into the beam	0 - 255	0% - 100%
13	framing shutter 1 angle	proportional	positive angle	0 - 120	0% - 47%
			parallel movement	121 - 135	47% - 53%
			negative angle	136 - 255	53% - 100%
14	framing shutter 2	proportional	proportional control over the insertion of the second framing shutter from outside the beam to fully inserted into the beam	0 - 255	0% - 100%
15	framing shutter 2 angle	proportional	positive angle	0 - 120	0% - 47%
			parallel movement	121 - 135	47% - 53%
			negative angle	136 - 255	53% - 100%
16	framing shutter 3	proportional	proportional control over the insertion of the third framing shutter from outside the beam to fully inserted into the beam	0 - 255	0% - 100%
17	framing shutter 3 angle	proportional	positive angle	0 - 120	0% - 47%
			parallel movement	121 - 135	47% - 53%
			negative angle	136 - 255	53% - 100%
18	framing shutter 4	proportional	proportional control over the insertion of the fourth framing shutter from outside the beam to fully inserted into the beam	0 - 255	0% - 100%
19	framing shutter 4 angle	proportional	positive angle	0 - 120	0% - 47%
			parallel movement	121 - 135	47% - 53%
			negative angle	136 - 255	53% - 100%
20	framing rotation	proporzionale	complete control over the rotation of the framing shutters	0 - 255	0% - 100%
21	step zoom	step	no effect step zoom	0 - 127 128 - 255	0% - 50% 50% - 100%
22	frost	step	no effect frost	0 - 127 128 - 255	0% - 50% 50% - 100%
23	spare channel	step	no effect	0 - 0	0% - 0%
24	special function	step	Park	0 - 9	0% - 4%
			19000 Hz	10 - 84	4% - 33%
			fan at low-noise speed	85 - 96	33% - 38%
			fan at auto-silent speed	97 - 108	38% - 42%
		proportional	fan speed control from min to max	109 - 120	43% - 47%
			fan at max speed	121 - 133	47% - 52%
		step	LCD off	134 - 185	53% - 73%
			LCD on	186 - 199	73% - 78%
			no effect	200 - 205	78% - 80%
			no effect	206 - 211	81% - 83%
			no effect	212 - 217	83% - 85%
			no effect	218 - 223	85% - 87%
			no effect	224 - 229	88% - 90%
			no effect	230 - 235	90% - 92%
no effect	236 - 241		93% - 95%		
no effect	242 - 247		95% - 97%		
no effect	248 - 255	97% - 100%			
25	reset display ON/OFF autofocus	step	park, no function	0 - 29	0% - 11%
			pan and tilt reset (once only)	30 - 76	12% - 30%
			all motor reset except pan and tilt (once only)	77 - 123	30% - 48%
			reset of all the motors (once only)	124 - 170	49% - 67%
			LCD display off	171 - 185	67% - 73%
			LCD display on	186 - 199	73% - 78%
			manual focus	200 - 228	78% - 89%
			autofocus	229 - 255	90% - 100%
Fixture: LEDko TM VariWhite 2		Table name: DMX 512 functions			
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