

DMX chart - Risalto + VariWhite

DMX modes

DMX channels ↓	5 channels	2 channels	1 channel	Sunrise mode	Raw mode	2 (MK1) channels	6 channels
1	Master Dimmer	Master Dimmer	Master Dimmer	Master Dimmer	Warm White Led	Master Dimmer	Master Dimmer
2	Dimmer Fine	White Tone		Dimmer Fine	Warm White Led Fine	White Tone	Dimmer Fine
3	White Tone			Proportional White Tone	Cold White Led		White Tone
4	Strobe Effect			Step White Tone	Cold White Led Fine		White Temperature Fine
5	Special Function			Special Function			Strobe Effect
6							Special Function

DMX Chart 5 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	dimmer fine	proportional	fine dimmer control 16 bit	0 - 255	0% - 100%
3	white tone	step	2.800 K	0 - 6	0% - 2%
		proportional	proportional value from 2.800 K to 3.200 K	7 - 33	3% - 13%
		step	3.200 K	34 - 60	13% - 24%
		proportional	proportional value from 3.200 K to 4.000 K	61 - 87	24% - 34%
		step	4.000 K	88 - 114	35% - 45%
		proportional	proportional value from 4.000 K to 5.000 K	115 - 141	45% - 55%
		step	5.000 K	142 - 168	56% - 66%
		proportional	proportional value from 5.000 K to 5.600 K	169 - 195	66% - 76%
		step	5.600 K	196 - 222	77% - 87%
proportional	proportional value from 5.600 K to 6.500 K	223 - 249	87% - 98%		
step	6.500 K	250 - 255	98% - 100%		
4	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 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%
5	special functions	step	park	0 - 9	0% - 4%
			600 Hz	10 - 22	4% - 9%
			no effect	23 - 84	9% - 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%
			LED control frequency tuning 1.500 Hz	200 - 205	78% - 80%
			LED control frequency tuning 2.000 Hz	206 - 211	81% - 83%
			LED control frequency tuning 5.000 Hz	212 - 217	83% - 85%
no effect	218 - 240		85% - 94%		
LED control frequency tuning 20.000 Hz	241 - 255	95% - 100%			

DMX Chart 2, 1 channels

channel		function	type of control	effect	decimal		percentage	
2	1							
1	1	master dimmer	proportional	adjust luminous output intensity from 0 to 100%	0	- 255	0%	- 100%
2	-	white tone	proportional	proportional value from 2.800 K to 6.500 K	0	- 255	0%	- 100%

DMX Chart Sunrise mode

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	proportional	fine dimmer control 16 bit	0 - 255	0% - 100%
3	proportional white tone	proportional	2.800 K	0	0%
			proportional value from 2.800 K to 4.000 K	1 - 86	0% - 34%
			4.000 K	87	34%
			proportional value from 4.000 K to 5.000 K	88 - 152	35% - 60%
			5.000 K	153	60%
			proportional value from 5.000 K to 5.600 K	154 - 192	60% - 75%
			5.600 K	193	76%
			proportional value from 5.600 K to 6.500 K	194 - 254	76% - 100%
4	step white tone	step	no effect	0 - 9	0% - 4%
			2.800 K	10 - 50	4% - 20%
			3.200K	51 - 91	20% - 36%
			4.000K	92 - 132	36% - 52%
			5.000K	133 - 173	52% - 68%
			5.600K	174 - 213	68% - 84%
			6.500K	214 - 255	84% - 100%
5	special functions	step	park	0 - 9	0% - 4%
			600 Hz	10 - 22	4% - 9%
			no effect	23 - 84	9% - 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%
			LED control frequency tuning 1.500 Hz	200 - 205	78% - 80%
			LED control frequency tuning 2.000 Hz	206 - 211	81% - 83%
			LED control frequency tuning 5.000 Hz	212 - 217	83% - 85%
			no effect	218 - 240	85% - 94%
LED control frequency tuning 20.000 Hz	241 - 255		95% - 100%		

Note 1: If channels 3 and 4 are used simultaneously, channel 4 prevails.

DMX Chart Raw mode

channel	function	type of control	effect	decimal		percentage	
1	warm white led	proportional	adjust luminous output intensity of warm white led from 0 to 100%	0	- 255	0%	- 100%
2	warm white led fine	proportional	warm white led fine control 16 bit	0	- 255	0%	- 100%
3	cold white led	proportional	adjust luminous output intensity of cold white led from 0 to 100%	0	- 255	0%	- 100%
4	cold white led fine	proportional	cold white led fine control 16 bit	0	- 255	0%	- 100%

DMX Chart 2 channels (MK1)

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	3200 K	0 - 10	0% - 4%
			2700 K	11 - 16	4% - 6%
			2800 K	17 - 22	7% - 9%
			2900 K	23 - 28	9% - 11%
			3000 K	29 - 34	11% - 13%
			3100 K	35 - 40	14% - 16%
			3200 K	41 - 46	16% - 18%
			3300 K	47 - 52	18% - 20%
			3400 K	53 - 58	21% - 23%
			3500 K	59 - 64	23% - 25%
			3600 K	65 - 70	25% - 27%
			3700 K	71 - 76	28% - 30%
			3800 K	77 - 82	30% - 32%
			3900 K	83 - 88	33% - 35%
			4000 K	89 - 94	35% - 37%
			4100 K	95 - 100	37% - 39%
			4200 K	101 - 106	40% - 42%
			4300 K	107 - 112	42% - 44%
			4400 K	113 - 118	44% - 46%
			4500 K	119 - 124	47% - 49%
			4600 K	125 - 130	49% - 51%
			4700 K	131 - 136	51% - 53%
			4800 K	137 - 142	54% - 56%
			4900 K	143 - 148	56% - 58%
			5000 K	149 - 154	58% - 60%
			5100 K	155 - 160	61% - 63%
			5200 K	161 - 166	63% - 65%
5300 K	167 - 172	65% - 67%			
5400 K	173 - 178	68% - 70%			
5500 K	179 - 184	70% - 72%			
5600 K	185 - 190	73% - 75%			
5700 K	191 - 196	75% - 77%			
5800 K	197 - 202	77% - 79%			
5900 K	203 - 208	80% - 82%			
6000 K	209 - 214	82% - 84%			
6100 K	215 - 220	84% - 86%			
6200 K	221 - 226	87% - 89%			
6300 K	227 - 232	89% - 91%			
6400 K	233 - 238	91% - 93%			
6500 K	239 - 244	94% - 96%			
5600 K	245 - 255	96% - 100%			

DMX Chart 6 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	dimmer fine	proportional	fine dimmer control 16 bit	0 - 255	0% - 100%
3	white tone	step	3200 K	0 - 10	0% - 4%
			2700 K	11 - 16	4% - 6%
			2800 K	17 - 22	7% - 9%
			2900 K	23 - 28	9% - 11%
			3000 K	29 - 34	11% - 13%
			3100 K	35 - 40	14% - 16%
			3200 K	41 - 46	16% - 18%
			3300 K	47 - 52	18% - 20%
			3400 K	53 - 58	21% - 23%
			3500 K	59 - 64	23% - 25%
			3600 K	65 - 70	25% - 27%
			3700 K	71 - 76	28% - 30%
			3800 K	77 - 82	30% - 32%
			3900 K	83 - 88	33% - 35%
			4000 K	89 - 94	35% - 37%
			4100 K	95 - 100	37% - 39%
			4200 K	101 - 106	40% - 42%
			4300 K	107 - 112	42% - 44%
			4400 K	113 - 118	44% - 46%
			4500 K	119 - 124	47% - 49%
			4600 K	125 - 130	49% - 51%
			4700 K	131 - 136	51% - 53%
			4800 K	137 - 142	54% - 56%
			4900 K	143 - 148	56% - 58%
			5000 K	149 - 154	58% - 60%
			5100 K	155 - 160	61% - 63%
			5200 K	161 - 166	63% - 65%
			5300 K	167 - 172	65% - 67%
5400 K	173 - 178	68% - 70%			
5500 K	179 - 184	70% - 72%			
5600 K	185 - 190	73% - 75%			
5700 K	191 - 196	75% - 77%			
5800 K	197 - 202	77% - 79%			
5900 K	203 - 208	80% - 82%			
6000 K	209 - 214	82% - 84%			
6100 K	215 - 220	84% - 86%			
6200 K	221 - 226	87% - 89%			
6300 K	227 - 232	89% - 91%			
6400 K	233 - 238	91% - 93%			
6500 K	239 - 244	94% - 96%			
5600 K	245 - 255	96% - 100%			

4	white temperature fine	step	no effect	0	0%
		proportional	fine white temperature control (from temperature selected to the previous step)	1 - 126	1% - 49%
		step	no effect	127 - 128	50% - 50%
		proportional	fine white temperature control (from temperature selected to the following step)	129 - 254	51% - 99%
		step	no effect	255	100%
5	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 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%
6 ¹	special functions	step	park	0 - 9	0% - 4%
			600 Hz	10 - 22	4% - 9%
			no effect	23 - 84	9% - 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%
			LED control frequency tuning 1.500 Hz	200 - 205	78% - 80%
			LED control frequency tuning 2.000 Hz	206 - 211	81% - 83%
			LED control frequency tuning 5.000 Hz	212 - 217	83% - 85%
			no effect	218 - 240	85% - 94%
LED control frequency tuning 20.000 Hz	241 - 255		95% - 100%		

Note 1: **SPECIAL FUNCTIONS** channel is not compatible with **MK1 VERSION**