

Otello HD FullSpectrum (motorized zoom version)
 DMX chart (17 / 8 ch)

channel		function	type of control	effect	decimal		percentage	
17	8							
1	1	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	cyan	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 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 (one color)	162	- 207	64%	- 81%
			step	stop strobe	208	- 209	82%	- 82%
proportional	random strobe effect with variable speed from slow to fast (six colors in alternation)	210	- 255	82%	- 100%			
9	-	dimmer fine	proportional	fine dimmer control 16 bit	0	- 255	0%	- 100%
10	-	special functions	step	park	0	- 9	0%	- 4%
				no effect	10	- 22	4%	- 9%
				reset of all the motors (only once)	23	- 35	9%	- 14%
				no effect	36	- 48	14%	- 19%
				fan at low-noise mode	49	- 61	19%	- 24%
				fan at studio mode	62	- 74	24%	- 29%
				fan at auto-silent mode	75	- 87	29%	- 34%
			proportional	fan speed control mode	88	- 100	35%	- 39%
			step	enables the automatic display blackout	101	- 113	40%	- 44%
				disables the automatic display blackout	114	- 126	45%	- 49%
no effect	127	- 255		50%	- 100%			

11'	-	red tone	step	no effect	0	-	9	0%	-	4%
				COR01 - GELS RED 1	10	-	34	4%	-	13%
				COR02 - GELS RED 2	35	-	59	14%	-	23%
				COR03 - GELS RED 3	60	-	84	24%	-	33%
				COR04 - GELS RED 4	85	-	109	33%	-	43%
				COR05 - GELS RED 5	110	-	134	43%	-	53%
				COR06 - GELS RED 6	135	-	159	53%	-	62%
				COR07 - GELS RED 7	160	-	184	63%	-	72%
				COR08 - GELS RED 8	185	-	209	73%	-	82%
				COR09 - GELS RED 9	210	-	234	82%	-	92%
				COR10 - GELS RED 10	235	-	255	92%	-	100%
12'	-	green tone	step	no effect	0	-	9	0%	-	4%
				COG01 - GELS GREEN 1	10	-	34	4%	-	13%
				COG02 - GELS GREEN 2	35	-	59	14%	-	23%
				COG03 - GELS GREEN 3	60	-	84	24%	-	33%
				COG04 - GELS GREEN 4	85	-	109	33%	-	43%
				COG05 - GELS GREEN 5	110	-	134	43%	-	53%
				COG06 - GELS GREEN 6	135	-	159	53%	-	62%
				COG07 - GELS GREEN 7	160	-	184	63%	-	72%
				COG08 - GELS GREEN 8	185	-	209	73%	-	82%
				COG09 - GELS GREEN 9	210	-	234	82%	-	92%
				COG10 - GELS GREEN 10	235	-	255	92%	-	100%
13'	-	blue tone	step	no effect	0	-	9	0%	-	4%
				COB01 - GELS BLUE 1	10	-	34	4%	-	13%
				COB02 - GELS BLUE 2	35	-	59	14%	-	23%
				COB03 - GELS BLUE 3	60	-	84	24%	-	33%
				COB04 - GELS BLUE 4	85	-	109	33%	-	43%
				COB05 - GELS BLUE 5	110	-	134	43%	-	53%
				COB06 - GELS BLUE 6	135	-	159	53%	-	62%
				COB07 - GELS BLUE 7	160	-	184	63%	-	72%
				COB08 - GELS BLUE 8	185	-	209	73%	-	82%
				COB09 - GELS BLUE 9	210	-	234	82%	-	92%
				COB10 - GELS BLUE 10	235	-	255	92%	-	100%
14	-	white tone	step	no effect	0	-	9	0%	-	4%
				2.700 K	10	-	24	4%	-	9%
			proportional	proportional value from 2.700 K to 3.200 K	25	-	39	10%	-	15%
			step	3.200 K	40	-	54	16%	-	21%
				proportional	proportional value from 3.200 K to 4.000 K	55	-	69	22%	-
			step	4.000 K	70	-	84	27%	-	33%
				proportional	proportional value from 4.000 K to 5.000 K	85	-	99	33%	-
			step	5.000 K	100	-	114	39%	-	45%
				proportional	proportional value from 5.000 K to 5.600 K	115	-	129	45%	-
			step	5.600 K	130	-	144	51%	-	56%
				proportional	proportional value from 5.600 K to 7.000 K	145	-	159	57%	-
			step	7.000 K	160	-	174	63%	-	68%
				proportional	proportional value from 7.000 K to 8.000 K	175	-	189	69%	-
			step	8.000 K	190	-	204	75%	-	80%
				proportional	proportional value from 8.000 K to 9.000 K	205	-	219	80%	-
			step	9.000 K	220	-	234	86%	-	92%
				proportional	proportional value from 9.000 K to 10.000 K	235	-	249	92%	-
step	10.000 K	250	-	255	98%	-	100%			

15 ²	-	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 magenta color	129	-	254	51%	-	99%	
			step	no effect	255			100%			
16 ³	-	saturation	proportional	the white tone fades to the tone built with the RGBCLA channels	0	-	255	0%	-	100%	
17	8	zoom	proportional	proportional control of zoom from narrow to wide beam	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 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 3: 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: Otello HD FullSpectrum				Chart name: DMX512 function				Software version: 0.79 or following			
Edition: 6				Date: 21.05.2021							

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	2.700 K	0 - 24	0% - 9%
		proportional	proportional value from 2.700 K to 3.200 K	25 - 39	10% - 15%
		step	3.200 K	40 - 54	16% - 21%
		proportional	proportional value from 3.200 K to 4.000 K	55 - 69	22% - 27%
		step	4.000 K	70 - 84	27% - 33%
		proportional	proportional value from 4.000 K to 5.000 K	85 - 99	33% - 39%
		step	5.000 K	100 - 114	39% - 45%
		proportional	proportional value from 5.000 K to 5.600 K	115 - 129	45% - 51%
		step	5.600 K	130 - 144	51% - 56%
		proportional	proportional value from 5.600 K to 7.000 K	145 - 159	57% - 62%
		step	7.000 K	160 - 174	63% - 68%
		proportional	proportional value from 7.000 K to 8.000 K	175 - 189	69% - 74%
		step	8.000 K	190 - 204	75% - 80%
		proportional	proportional value from 8.000 K to 9.000 K	205 - 219	80% - 86%
step	9.000 K	220 - 234	86% - 92%		
proportional	proportional value from 9.000 K to 10.000 K	235 - 249	92% - 98%		
step	10.000 K	250 - 255	98% - 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%
4²	saturation	proportional	the white tone fades to the tone built with the HUE channel	0 - 255	0% - 100%
5	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 functions	step	park	0 - 9	0% - 4%
			no effect	10 - 22	4% - 9%
			reset of all the motors (only once)	23 - 35	9% - 14%
			no effect	36 - 48	14% - 19%
			fan at low-noise mode	49 - 61	19% - 24%
			fan at studio mode	62 - 74	24% - 29%
			fan at auto-silent mode	75 - 87	29% - 34%
		proportional	fan speed control mode	88 - 100	35% - 39%
		step	enables the automatic display blackout	101 - 113	40% - 44%
			disables the automatic display blackout	114 - 126	45% - 49%
no effect	127 - 255		50% - 100%		
8	zoom	proportional	proportional control of zoom from narrow to wide beam	0 - 255	0% - 100%

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)

Otello HD FullSpectrum (motorized zoom version)
 DMX chart (RGB 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	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	- 24	4%	- 9%
		proportional	proportional value from 2.700 K to 3.200 K	25	- 39	10%	- 15%
		step	3.200 K	40	- 54	16%	- 21%
		proportional	proportional value from 3.200 K to 4.000 K	55	- 69	22%	- 27%
		step	4.000 K	70	- 84	27%	- 33%
		proportional	proportional value from 4.000 K to 5.000 K	85	- 99	33%	- 39%
		step	5.000 K	100	- 114	39%	- 45%
		proportional	proportional value from 5.000 K to 5.600 K	115	- 129	45%	- 51%
		step	5.600 K	130	- 144	51%	- 56%
		proportional	proportional value from 5.600 K to 7.000 K	145	- 159	57%	- 62%
		step	7.000 K	160	- 174	63%	- 68%
		proportional	proportional value from 7.000 K to 8.000 K	175	- 189	69%	- 74%
		step	8.000 K	190	- 204	75%	- 80%
		proportional	proportional value from 8.000 K to 9.000 K	205	- 219	80%	- 86%
		step	9.000 K	220	- 234	86%	- 92%
proportional	proportional value from 9.000 K to 10.000 K	235	- 249	92%	- 98%		
step	10.000 K	250	- 255	98%	- 100%		
7	saturation	proportional	the white tone fades to the tone built with the RGB channels	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 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 (one color)	162	- 207	64%	- 81%
		step	stop strobe	208	- 209	82%	- 82%
		proportional	random strobe effect with variable speed from slow to fast (six colors in alternation)	210	- 255	82%	- 100%

9	special functions	step	park	0	-	9	0%	-	4%
			no effect	10	-	22	4%	-	9%
			reset of all the motors (only once)	23	-	35	9%	-	14%
			no effect	36	-	48	14%	-	19%
			fan at low-noise mode	49	-	61	19%	-	24%
			fan at studio mode	62	-	74	24%	-	29%
			fan at auto-silent mode	75	-	87	29%	-	34%
		proportional	fan speed control mode	88	-	100	35%	-	39%
		step	enables the automatic display blackout	101	-	113	40%	-	44%
			disables the automatic display blackout	114	-	126	45%	-	49%
no effect	127		-	255	50%	-	100%		
10	zoom	proportional	proportional control of zoom from narrow to wide beam	0	-	255	0%	-	100%
Projector: Otello HD FullSpectrum			Chart name: DMX512 function			Software version: 0.79			
Edition: 6			Date: 21.05.2021						

Otello HD FullSpectrum (motorized zoom version)
 DMX chart (fine RGB 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	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 - 24	4% - 9%
		proportional	proportional value from 2.700 K to 3.200 K	25 - 39	10% - 15%
			3.200 K	40 - 54	16% - 21%
		proportional	proportional value from 3.200 K to 4.000 K	55 - 69	22% - 27%
			4.000 K	70 - 84	27% - 33%
		proportional	proportional value from 4.000 K to 5.000 K	85 - 99	33% - 39%
			5.000 K	100 - 114	39% - 45%
		proportional	proportional value from 5.000 K to 5.600 K	115 - 129	45% - 51%
			5.600 K	130 - 144	51% - 56%
		proportional	proportional value from 5.600 K to 7.000 K	145 - 159	57% - 62%
			7.000 K	160 - 174	63% - 68%
		proportional	proportional value from 7.000 K to 8.000 K	175 - 189	69% - 74%
			8.000 K	190 - 204	75% - 80%
		proportional	proportional value from 8.000 K to 9.000 K	205 - 219	80% - 86%
9.000 K	220 - 234		86% - 92%		
proportional	proportional value from 9.000 K to 10.000 K	235 - 249	92% - 98%		
	10.000 K	250 - 255	98% - 100%		
10	saturation	proportional	the white tone fades to the tone built with the RGB channels	0 - 255	0% - 100%
11	strobe effect	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%
		proportional	stop strobe	160 - 161	63% - 63%
			random strobe effect with variable speed from slow to fast (one color)	162 - 207	64% - 81%
		step	stop strobe	208 - 209	82% - 82%
			random strobe effect with variable speed from slow to fast (six colors in alternation)	210 - 255	82% - 100%

12	special functions	step	park	0	-	9	0%	-	4%
			no effect	10	-	22	4%	-	9%
			reset of all the motors (only once)	23	-	35	9%	-	14%
			no effect	36	-	48	14%	-	19%
			fan at low-noise mode	49	-	61	19%	-	24%
			fan at studio mode	62	-	74	24%	-	29%
			fan at auto-silent mode	75	-	87	29%	-	34%
		proportional	fan speed control mode	88	-	100	35%	-	39%
		step	enables the automatic display blackout	101	-	113	40%	-	44%
			disables the automatic display blackout	114	-	126	45%	-	49%
no effect	127		-	255	50%	-	100%		
13	zoom	proportional	proportional control of zoom from narrow to wide beam	0	-	255	0%	-	100%
Projector: Otello HD FullSpectrum			Chart name: DMX512 function			Software version: 0.79			
Edition: 6			Date: 21.05.2021						

channel			function	type of control	effect	decimal		percentage	
16	7	1							
1	1	1	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	-	cyan	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 (one color)	162	- 207	64%	- 81%
				step	stop strobe	208	- 209	82%	- 82%
proportional	random strobe effect with variable speed from slow to fast (six colors in alternation)	210	- 255	82%	- 100%				
9	-	-	dimmer fine	proportional	fine dimmer control 16 bit	0	- 255	0%	- 100%
10	-	-	special functions	step	park	0	- 9	0%	- 4%
					no effect	10	- 48	4%	- 19%
					fan at low-noise mode	49	- 61	19%	- 24%
					fan at studio mode	62	- 74	24%	- 29%
					fan at auto-silent mode	75	- 87	29%	- 34%
				proportional	fan speed control mode	88	- 100	35%	- 39%
				step	enables the automatic display blackout	101	- 113	40%	- 44%
					disables the automatic display blackout	114	- 126	45%	- 49%
no effect	127	- 255	50%		- 100%				

11'	-	-	red tone	step	no effect	0	-	9	0%	-	4%
					COR01 - GELS RED 1	10	-	34	4%	-	13%
					COR02 - GELS RED 2	35	-	59	14%	-	23%
					COR03 - GELS RED 3	60	-	84	24%	-	33%
					COR04 - GELS RED 4	85	-	109	33%	-	43%
					COR05 - GELS RED 5	110	-	134	43%	-	53%
					COR06 - GELS RED 6	135	-	159	53%	-	62%
					COR07 - GELS RED 7	160	-	184	63%	-	72%
					COR08 - GELS RED 8	185	-	209	73%	-	82%
					COR09 - GELS RED 9	210	-	234	82%	-	92%
					COR10 - GELS RED 10	235	-	255	92%	-	100%
12'	-	-	green tone	step	no effect	0	-	9	0%	-	4%
					COG01 - GELS GREEN 1	10	-	34	4%	-	13%
					COG02 - GELS GREEN 2	35	-	59	14%	-	23%
					COG03 - GELS GREEN 3	60	-	84	24%	-	33%
					COG04 - GELS GREEN 4	85	-	109	33%	-	43%
					COG05 - GELS GREEN 5	110	-	134	43%	-	53%
					COG06 - GELS GREEN 6	135	-	159	53%	-	62%
					COG07 - GELS GREEN 7	160	-	184	63%	-	72%
					COG08 - GELS GREEN 8	185	-	209	73%	-	82%
					COG09 - GELS GREEN 9	210	-	234	82%	-	92%
					COG10 - GELS GREEN 10	235	-	255	92%	-	100%
13'	-	-	blue tone	step	no effect	0	-	9	0%	-	4%
					COB01 - GELS BLUE 1	10	-	34	4%	-	13%
					COB02 - GELS BLUE 2	35	-	59	14%	-	23%
					COB03 - GELS BLUE 3	60	-	84	24%	-	33%
					COB04 - GELS BLUE 4	85	-	109	33%	-	43%
					COB05 - GELS BLUE 5	110	-	134	43%	-	53%
					COB06 - GELS BLUE 6	135	-	159	53%	-	62%
					COB07 - GELS BLUE 7	160	-	184	63%	-	72%
					COB08 - GELS BLUE 8	185	-	209	73%	-	82%
					COB09 - GELS BLUE 9	210	-	234	82%	-	92%
					COB10 - GELS BLUE 10	235	-	255	92%	-	100%
14	-	-	white tone	step	no effect	0	-	9	0%	-	4%
				step	2.700 K	10	-	24	4%	-	9%
				proportional	proportional value from 2.700 K to 3.200 K	25	-	39	10%	-	15%
				step	3.200 K	40	-	54	16%	-	21%
				proportional	proportional value from 3.200 K to 4.000 K	55	-	69	22%	-	27%
				step	4.000 K	70	-	84	27%	-	33%
				proportional	proportional value from 4.000 K to 5.000 K	85	-	99	33%	-	39%
				step	5.000 K	100	-	114	39%	-	45%
				proportional	proportional value from 5.000 K to 5.600 K	115	-	129	45%	-	51%
				step	5.600 K	130	-	144	51%	-	56%
				proportional	proportional value from 5.600 K to 7.000 K	145	-	159	57%	-	62%
				step	7.000 K	160	-	174	63%	-	68%
				proportional	proportional value from 7.000 K to 8.000 K	175	-	189	69%	-	74%
				step	8.000 K	190	-	204	75%	-	80%
				proportional	proportional value from 8.000 K to 9.000 K	205	-	219	80%	-	86%
				step	9.000 K	220	-	234	86%	-	92%
				proportional	proportional value from 9.000 K to 10.000 K	235	-	249	92%	-	98%
step	10.000 K	250	-	255	98%	-	100%				

15 ²	-	-	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 magenta color	129	-	254	51%	-	99%
				step	no effect	255		100%			
16 ³	-	-	saturation	proportional	the white tone fades to the tone built with the RGBCLA 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 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 3: 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: Otello HD FullSpectrum

Chart name: DMX512 function

Software version: 0.79

Edition: 6

Date: 21.05.2021

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	2.700 K	0 - 24	0% - 9%
		proportional	proportional value from 2.700 K to 3.200 K	25 - 39	10% - 15%
		step	3.200 K	40 - 54	16% - 21%
		proportional	proportional value from 3.200 K to 4.000 K	55 - 69	22% - 27%
		step	4.000 K	70 - 84	27% - 33%
		proportional	proportional value from 4.000 K to 5.000 K	85 - 99	33% - 39%
		step	5.000 K	100 - 114	39% - 45%
		proportional	proportional value from 5.000 K to 5.600 K	115 - 129	45% - 51%
		step	5.600 K	130 - 144	51% - 56%
		proportional	proportional value from 5.600 K to 7.000 K	145 - 159	57% - 62%
		step	7.000 K	160 - 174	63% - 68%
		proportional	proportional value from 7.000 K to 8.000 K	175 - 189	69% - 74%
		step	8.000 K	190 - 204	75% - 80%
		proportional	proportional value from 8.000 K to 9.000 K	205 - 219	80% - 86%
step	9.000 K	220 - 234	86% - 92%		
proportional	proportional value from 9.000 K to 10.000 K	235 - 249	92% - 98%		
step	10.000 K	250 - 255	98% - 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%
4²	saturation	proportional	the white tone fades to the tone built with the HUE channel	0 - 255	0% - 100%
5	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 functions	step	park	0 - 9	0% - 4%
			no effect	10 - 48	4% - 19%
			fan at low-noise mode	49 - 61	19% - 24%
			fan at studio mode	62 - 74	24% - 29%
			fan at auto-silent mode	75 - 87	29% - 34%
		proportional	fan speed control mode	88 - 100	35% - 39%
		step	enables the automatic display blackout	101 - 113	40% - 44%
			disables the automatic display blackout	114 - 126	45% - 49%
			no effect	127 - 255	50% - 100%

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: Otello HD FullSpectrum

Chart name: DMX512 function

Software version: 0.79

Edition: 6

Date: 21.05.2021

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	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	- 24	4%	- 9%
		proportional	proportional value from 2.700 K to 3.200 K	25	- 39	10%	- 15%
		step	3.200 K	40	- 54	16%	- 21%
		proportional	proportional value from 3.200 K to 4.000 K	55	- 69	22%	- 27%
		step	4.000 K	70	- 84	27%	- 33%
		proportional	proportional value from 4.000 K to 5.000 K	85	- 99	33%	- 39%
		step	5.000 K	100	- 114	39%	- 45%
		proportional	proportional value from 5.000 K to 5.600 K	115	- 129	45%	- 51%
		step	5.600 K	130	- 144	51%	- 56%
		proportional	proportional value from 5.600 K to 7.000 K	145	- 159	57%	- 62%
		step	7.000 K	160	- 174	63%	- 68%
		proportional	proportional value from 7.000 K to 8.000 K	175	- 189	69%	- 74%
		step	8.000 K	190	- 204	75%	- 80%
		proportional	proportional value from 8.000 K to 9.000 K	205	- 219	80%	- 86%
		step	9.000 K	220	- 234	86%	- 92%
proportional	proportional value from 9.000 K to 10.000 K	235	- 249	92%	- 98%		
step	10.000 K	250	- 255	98%	- 100%		
7	saturation	proportional	the white tone fades to the tone built with the RGB channels	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 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 (one color)	162	- 207	64%	- 81%
		step	stop strobe	208	- 209	82%	- 82%
		proportional	random strobe effect with variable speed from slow to fast (six colors in alternation)	210	- 255	82%	- 100%

9	special functions	step	park	0	-	9	0%	-	4%
			no effect	10	-	48	4%	-	19%
			fan at low-noise mode	49	-	61	19%	-	24%
			fan at studio mode	62	-	74	24%	-	29%
			fan at auto-silent mode	75	-	87	29%	-	34%
		proportional	fan speed control mode	88	-	100	35%	-	39%
		step	enables the automatic display blackout	101	-	113	40%	-	44%
			disables the automatic display blackout	114	-	126	45%	-	49%
			no effect	127	-	255	50%	-	100%
Projector: Otello HD FullSpectrum			Chart name: DMX512 function				Software version: 0.79		
Edition: 6			Date: 21.05.2021						

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	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	- 24	4%	- 9%
		proportional	proportional value from 2.700 K to 3.200 K	25	- 39	10%	- 15%
			3.200 K	40	- 54	16%	- 21%
		proportional	proportional value from 3.200 K to 4.000 K	55	- 69	22%	- 27%
			4.000 K	70	- 84	27%	- 33%
		proportional	proportional value from 4.000 K to 5.000 K	85	- 99	33%	- 39%
			5.000 K	100	- 114	39%	- 45%
		proportional	proportional value from 5.000 K to 5.600 K	115	- 129	45%	- 51%
			5.600 K	130	- 144	51%	- 56%
		proportional	proportional value from 5.600 K to 7.000 K	145	- 159	57%	- 62%
			7.000 K	160	- 174	63%	- 68%
		proportional	proportional value from 7.000 K to 8.000 K	175	- 189	69%	- 74%
			8.000 K	190	- 204	75%	- 80%
		proportional	proportional value from 8.000 K to 9.000 K	205	- 219	80%	- 86%
9.000 K	220		- 234	86%	- 92%		
proportional	proportional value from 9.000 K to 10.000 K	235	- 249	92%	- 98%		
	10.000 K	250	- 255	98%	- 100%		
10	saturation	proportional	the white tone fades to the tone built with the RGB channels	0	- 255	0%	- 100%
11	strobe effect	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 (one color)	162	- 207	64%	- 81%
		proportional	stop strobe	208	- 209	82%	- 82%
			random strobe effect with variable speed from slow to fast (six colors in alternation)	210	- 255	82%	- 100%

12	special functions	step	park	0	-	9	0%	-	4%
			no effect	10	-	48	4%	-	19%
			fan at low-noise mode	49	-	61	19%	-	24%
			fan at studio mode	62	-	74	24%	-	29%
			fan at auto-silent mode	75	-	87	29%	-	34%
		proportional	fan speed control mode	88	-	100	35%	-	39%
		step	enables the automatic display blackout	101	-	113	40%	-	44%
			disables the automatic display blackout	114	-	126	45%	-	49%
			no effect	127	-	255	50%	-	100%
Projector: Otello HD FullSpectrum			Chart name: DMX512 function				Software version: 0.79		
Edition: 6			Date: 21.05.2021						