

Otello 8 FullSpectrum
DMX chart (18 / 9 / 3 ch)

channel			function	type of control	effect	decimal		percentage			
18ch	9ch	3ch									
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%
				step	stop strobe	208	-	209	82%	-	82%
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	-	84	0%	-	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	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 ¹	-	-	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 ¹	-	-	green tone	step	no effect	0	-	9	0%	-	4%
					R4460 - Calcator 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 ¹	-	-	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	2700K	10	-	30	4%	-	12%
				proportional	proportional value from 2700K to 3200K	31	-	52	12%	-	20%
				step	3200K	53	-	74	21%	-	29%
				proportional	proportional value from 3200K to 4000K	75	-	96	29%	-	38%
				step	4000K	97	-	118	38%	-	46%
				proportional	proportional value from 4000K to 5000K	119	-	140	47%	-	55%
				step	5000K	141	-	162	55%	-	64%
				proportional	proportional value from 5000K to 5600K	163	-	184	64%	-	72%
				step	5600K	185	-	206	73%	-	81%
proportional	proportional value from 5600K to 6500K	207	-	228	81%	-	89%				
step	6500K	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%
17	8	2	zoom	proportional	proportional control of zoom from narrow to wide beam	0	-	255	0%	-	100%
18	9	3	motor reset	step	no effect	0	-	127	0%	-	50%
				step	reset of all the motors (once only)	128	-	255	50%	-	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 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: Otello 8 FullSpectrum				Chart name: DMX 512 function							
Chart number: 371				Edition: 1				Date: 04.04.2019			

Otello 8 FullSpectrum
DMX chart (Studio mode)

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

Otello 8 FullSpectrum
DMX chart (Studio mode)

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	saturation	proportional	the white tone fades to the tone built with the HUE channel	0	-	255	0%	-	100%
5 ²	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 / park	0	-	84	0%	-	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%
no effect	200		-	255	78%	-	100%		
8	zoom	proportional	proportional control of zoom from narrow to wide beam	0	-	255	0%	-	100%
9	motor reset	step	no effect	0	-	127	0%	-	50%
		step	reset of all the motors (once only)	128	-	255	50%	-	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.

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 8 FullSpectrum

Chart name: DMX 512 function

Chart number: 371

Edition: 1

Date: 04.04.2019

Otello 8 FullSpectrum
DMX chart (RGB mode)

channel	function	type of control	effect	decimal			percentage			
11ch										
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%	
			2700K	10	-	30	4%	-	12%	
		proportional	proportional value from 2700K to 3200K		31	-	52	12%	-	20%
			step	3200K	53	-	74	21%	-	29%
		proportional	proportional value from 3200K to 4000K		75	-	96	29%	-	38%
			step	4000K	97	-	118	38%	-	46%
		proportional	proportional value from 4000K to 5000K		119	-	140	47%	-	55%
			step	5000K	141	-	162	55%	-	64%
		proportional	proportional value from 5000K to 5600K		163	-	184	64%	-	72%
			step	5600K	185	-	206	73%	-	81%
proportional	proportional value from 5600K to 6500K		207	-	228	81%	-	89%		
	step	6500K	229	-	255	90%	-	100%		
7 ¹	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 pulsed strobe, slow closing, fast operating (variable speed pulsing, from slow to fast)		60	-	108	24%	-
		step		stop strobe		109	-	110	43%	-
			proportional	sequenced pulsed strobe, fast closing, slow operating (variable speed pulsing, from slow to fast)		111	-	159	44%	-
		step		stop strobe		160	-	161	63%	-
			proportional	random strobe effect with variable speed from slow to fast and synchronised colors		162	-	207	64%	-
		step		stop strobe		208	-	209	82%	-
			proportional	random strobe effect with variable speed from slow to fast and non-synchronised colors		210	-	255	82%	-
9	special function	step		no effect / park	0	-	84	0%	-	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	enables the automatic display blackout		134	-	185	53%	-
		disables the automatic display blackout		186	-	199	73%	-	78%	
		no effect		200	-	255	78%	-	100%	
10	zoom	proportional	proportional control of zoom from narrow to wide beam	0	-	255	0%	-	100%	
11	motor reset	step	no effect	0	-	127	0%	-	50%	
		step	reset of all the motors (once only)	128	-	255	50%	-	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.

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Chart number: 371

Edition: 1

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