

# DMX chart - Otello HD VariWhite +

## DMX chart 5 channels (Manual / P.O. Zoom) 6 channels (Motorized Zoom)

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	2.700 K	0 - 6	0% - 2%
		proportional	proportional value from 2.700 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 (warm / cold white in alternation)	210 - 255	82% - 100%
5	special functions	step	park	0 - 9	0% - 4%
			no effect	10 - 22	4% - 9%
			reset of all the motors, only once (usable only with <b>MOTORIZED ZOOM</b> version)	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%
			no effect	200 - 255	78% - 100%
6 <sup>1</sup>	zoom	proportional	proportional control of zoom from narrow to wide beam	0 - 255	0% - 100%

Note 1: channel 6 can be used only with **MOTORIZED ZOOM** version.

## DMX chart 2 / 1 channels (Manual / P.O. Zoom) 4 channels (Motorized Zoom)

channel		function	type of control	effect	decimal		percentage	
1	1	master dimmer	proportional	adjust luminous output intensity from 0 to 100%	0	- 255	0%	- 100%
2	-	white tone	proportional	proportional value from 2.700 K to 6.500 K	0	- 255	0%	- 100%
3'	-	special functions	step	park	0	- 9	0%	- 4%
				no effect	10	- 22	4%	- 9%
				reset of all the motors, only once (usable only with <b>MOTORIZED ZOOM</b> version)	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%
no effect	200	- 255		78%	- 100%			
4'	-	zoom	proportional	proportional control of zoom from narrow to wide beam	0	- 255	0%	- 100%

Note 1: channel 3 and 4 can be used only with **MOTORIZED ZOOM** version.

## 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	2.700 K	0	0%
			proportional value from 2.700 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 6.000 K	194 - 254	76% - 100%
			6.000 K	255	100%
4	step white tone	step	no effect	0 - 9	0% - 4%
			2.700 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%
			6.000K	214 - 255	84% - 100%
5	special functions	step	park	0 - 9	0% - 4%
			no effect	10 - 22	4% - 9%
			reset of all the motors, only once (usable only with <b>MOTORIZED ZOOM</b> version)	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%
			no effect	200 - 255	78% - 100%
6'	zoom	proportional	proportional control of zoom from narrow to wide beam	0 - 255	0% - 100%

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

Note 1: channel 5 and 6 can be used only with **MOTORIZED ZOOM** version.

## 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%
5'	special functions	step	park	0 - 9	0% - 4%
			no effect	10 - 22	4% - 9%
			reset of all the motors, only once (usable only with <b>MOTORIZED ZOOM</b> version)	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%
no effect	200 - 255		78% - 100%		
6'	zoom	proportional	proportional control of zoom from narrow to wide beam	0 - 255	0% - 100%

Note 1: channel 5 and 6 can be used only with **MOTORIZED ZOOM** version.