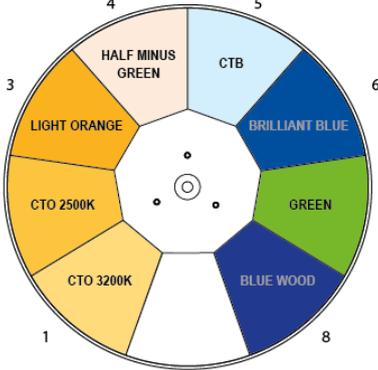


CHANNEL	CHANNEL MODE	
	STANDARD	VECTOR
1	CYAN	CYAN
2	MAGENTA	MAGENTA
3	YELLOW	YELLOW
4	COLOUR WHEEL 1	COLOUR WHEEL 1
5	COLOUR WHEEL 2	COLOUR WHEEL 2
6	STOPPER / STROBE	STOPPER / STROBE
7	DIMMER	DIMMER
8	DIMMER FINE	DIMMER FINE
9	IRIS	IRIS
10	PRISM INSERTION	PRISM INSERTION
11	PRISM ROTATION	PRISM ROTATION
12	FROST	FROST
13	ZOOM	ZOOM
14	PAN	PAN
15	PAN FINE	PAN FINE
16	TILT	TILT
17	TILT FINE	TILT FINE
18	FUNCTION	FUNCTION
19	RESET	RESET
20	LAMP CONTROL	LAMP CONTROL
21	-	PAN-TILT TIME
22	-	COLOUR TIME
23	-	BEAM TIME

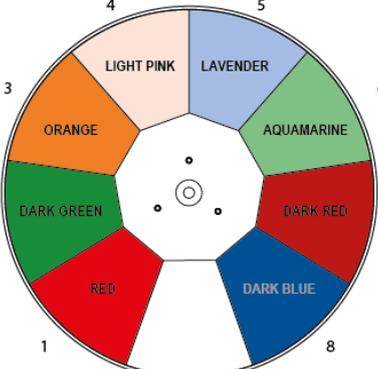
## CHANNELS FUNCTION

Channel Mode		DMX Value	Function
Standard	Vector		
1	1	0 - 255	<b>CYAN</b> Linear cyan movement
2	2	0 - 255	<b>MAGENTA</b> Linear magenta movement
3	3	0 - 255	<b>YELLOW</b> Linear yellow movement
4	4		<b>COLOUR WHEEL 1</b>
		0	Empty position
		8	Empty + CTO 3200K
		16	CTO 3200K
		24	CTO 3200K + CTO 2500K
		32	CTO 2500K
		40	CTO 2500K + Light Orange
		48	Light Orange
		56	Light Orange + Half Minus Green
		64	Half Minus Green
		72	Half Minus Green + CTB
		80	CTB
		88	CTB + Brilliant Blue
		96	Brilliant Blue
		104	Brilliant Blue + Green
		112	Green
		120	Green + Blue Wood
127	Blue Wood		
128 - 255	Continuous CW colour wheel rotation at linearly variable speed from slow to fast		



5	5		<b>COLOUR WHEEL 2</b>
		0	Empty position
		8	Empty + Red
		16	Red
		24	Red + Dark Green
		32	Dark Green
		40	Dark Green + Orange
		48	Orange
		56	Orange + Light Pink
		64	Light Pink
		72	Light Pink + Lavender
		80	Lavender
		88	Lavender + Aquamarine
		96	Aquamarine
		104	Aquamarine + Dark Red
		112	Dark Red
		120	Dark Red + Dark Blue
127	Dark Blue		
128 - 255	Continuous CW colour wheel rotation at linearly variable speed from slow to fast		



Channel Mode		DMX Value	Function
Standard	Vector		
6	6		<b>STOPPER / STROBE</b>
		0 - 3	Light Off
		4 - 103	Strobe at linearly variable frequency from low to high
		104 - 107	Light On
		108 - 207	Pulsation at linearly variable speed from slow to fast
		208 - 212	Light On
		213 - 225	Random strobe, low frequency
		226 - 238	Random strobe, medium frequency
		239 - 251	Random strobe, high frequency
		252 - 255	Light On
7	7		<b>DIMMER</b>
		0 - 255	Light output linearly increases from no-light to maximum brightness
8	8		<b>DIMMER FINE</b>
		0 - 255	Fine dimmer positioning
9	9		<b>IRIS</b>
		0 - 131	Iris linearly open from minimum to maximum aperture
		132 - 171	Iris pulsation from slow to fast speed
		172 - 211	Iris pulsation from slow to fast speed with fast opening
		212 - 251	Iris pulsation from slow to fast speed with fast closing
		252 - 255	Maximum aperture
10	10		<b>PRISM INSERTION</b>
		0 - 127	Prism out
		128 - 255	4 facet prism into the light beam
11	11		<b>PRISMS ROTATION</b>
		0 - 21	Prism indexing: 0° to 90° range
		21 - 42	Prism indexing: 90° to 180° range
		42 - 63	Prism indexing: 180° to 270° range
		63 - 84	Prism indexing: 270° to 360° range
		84 - 105	Prism indexing: 360° to 450° range
		105 - 127	Prism indexing: 450° to 540° range
		128 - 190	Continuous CW prism rotation at linearly variable speed from fast to slow
		191 - 192	Stop rotation
		193 - 255	Continuous CCW prism rotation at linearly variable speed from slow to fast
12	12		<b>FROST</b>
		0 - 255	Frost moves linearly into the light beam, from no frost to wide diffusion
13	13		<b>ZOOM</b>
		0 - 255	Linear zoom movement from narrow to wide beam 0-74 Frost insertion 75-255 Zoom
14	14		<b>PAN</b>
		0 - 255	Pan CCW movement / positioning from 0° to 540°
15	15		<b>PAN FINE</b>
		0 - 255	Fine pan positioning
16	16		<b>TILT</b>
		0 - 255	Tilt CW movement / positioning from 0° to 268°
17	17		<b>TILT FINE</b>
		0 - 255	Fine tilt positioning

Channel Mode		DMX Value	Function
Standard	Vector		
18	18		<b>FUNCTION</b>
		0 - 11	Unused range
		12 - 24	Pan/Tilt speed → FAST (Default setting)
		25 - 37	Pan/Tilt speed → NORMAL
		38 - 50	Dimmer curve → CONVENTIONAL
		51 - 62	Dimmer curve → LINEAR (Default setting)
		63 - 75	CMY FULL RANGE (Default setting)
		76 - 88	CMY LIMITED RANGE
		89 - 101	CMY SHORTCUT ON (Default setting)
		102 - 113	CMY SHORTCUT OFF
		114 - 126	Zoom Linear (Default setting)
		127 - 139	Zoom Snap
		140 - 255	Unused range
	The functions are activated passing through the unused levels range and staying in the necessary range for 5 seconds		
19	19		<b>RESET</b>
		0 - 25	Unused range
		26 - 76	Effects reset Effects reset sequence is activated passing through the unused levels range and staying in this range for 5 seconds
		77 - 127	Pan / Tilt reset Pan / Tilt reset sequence passing through the unused levels range and staying in this range for 5 seconds
	128 - 255	Complete reset All-effects reset sequence passing through the unused levels range and staying in this range for 5 seconds	
20	20		<b>LAMP CONTROL</b>
		0 - 25	Unused range
		26 - 100	Lamp OFF Lamp switch-off passing through the unused levels range and staying in this range for 5 seconds
	101 - 255	Lamp ON Lamp switch-on passing through the unused levels range and staying in this range for 5 seconds	
-	21		<b>PAN-TILT TIME</b>
		0 - 255	Pan – Fine pan – Tilt – Fine tilt
-	22		<b>COLOUR TIME</b>
		0 - 255	Cyan – Magenta – Yellow – Colour wheel 1 – Colour wheel 2
-	23		<b>BEAM TIME</b>
		0 - 255	Dimmer – Frost – Prism – Zoom

### IMPORTANT NOTES

Before to switch the projector OFF, check that all the fixture DMX parameters have been excluded (DMX levels @ 0 bit). This can prevent accidental breakage of the effects during transport.

This product contains internal light collimation system. Avoid intense light from any angle. To avoid damage to the product due to the light collimation system, set the Tilt @ 0bit and Zoom @ 255 bit.

Turn of the bulb and then wait around five minutes to cooling down the fixture before to Switching it OFF.

## VECTOR MODE TIME TABLE

BIT	Seconds										
0	Full	43	8.6	86	24	129	41	172	58	216	170
1	0.2	44	8.8	87		130		173			
2	0.4	45	9	88	131	174					
3	0.6	46	9.2	89	132	175					
4	0.8	47	9.4	90	133	176	59	218	180		
5	1	48	9.6	91	134	177	60	219			
6	1.2	49	9.8	92	135	178		220	221	190	
7	1.4	50	10	93	136	179	65	222			
8	1.6	51	10.2	94	137	180		70	223	200	
9	1.8	52	10.4	95	138	181	75	224			
10	2	53	10.6	96	139	182		80	225	210	
11	2.2	54	11	97	140	183	85	226			
12	2.4	55		98	141	184		227	90	228	
13	2.6	56	12	99	142	185	95	229			
14	2.8	57		100	143	186		230	100	231	
15	3	58	13	101	144	187	110	232		230	
16	3.2	59		102	145	188		233	120		234
17	3.4	60	14	103	146	189	130	235		240	
18	3.6	61		104	147	190		236	140		237
19	3.8	62	15	105	148	191	150	238		250	
20	4	63		106	149	192		239	160		240
21	4.2	64	16	107	150	193	170	241		260	
22	4.4	65		108	151	194		242	180		243
23	4.6	66	17	109	152	195	190	244		270	
24	4.8	67		110	153	196		245	200		246
25	5	68	18	111	154	197	210	247		280	
26	5.2	69		112	155	198		248	220		249
27	5.4	70	19	113	156	199	230	250		290	
28	5.6	71		114	157	200		251	240		252
29	5.8	72	20	115	158	201	250	253		300	
30	6	73		116	159	202		254	260		254
31	6.2	74	21	117	160	203	270	255		310	
32	6.4	75		118	161	204		255	280		Follow cue Data
33	6.6	76	22	119	162	205	290				
34	6.8	77		120	163	206			290	300	
35	7	78	23	121	164	207	310				
36	7.2	79		122	165	208			310		
37	7.4	80	24	123	166	209					
38	7.6	81		124	167	210			210		
39	7.8	82	25	125	168	211					
40	8	83		126	169	212			211		
41	8.2	84	26	127	170	213					
42	8.4	85		128	171	214			212		
						215					