channel	function	type of control	effect	dec	decimal pe		percentage	
1	X axis, base movement (pan)	proportional	control of the pan movement of the beam of light via proportional rotation of the base motor	0	- 255	0%	- 100%	
2	X axis, fine base movement (pan)	proportional	fine control of the pan movement of the beam of light via proportional rotation of the base motor	0	- 255	0%	- 100%	
3	Y axis, yoke movement (tilt)	proportional	control of the tilt movement of the beam of light via proportional rotation of the yoke motor	0	- 255	0%	- 100%	
4	Y axis, fine yoke movement (tilt)	proportional	fine control of the tilt movement of the beam of light via proportional rotation of the yoke motor	0	- 255	0%	- 100%	
5	movement speed	step	standard (fast)	0	- 10	0%	- 4%	
		step	ultra fast movement (ideal for positioning during programming)	11	- 25	4%	- 10%	
		proportional	vector mode (from fast to slow)	26	- 127	10%	- 50%	
		proportional	tracking mode (from fast to slow)	128	- 247	50%	- 97%	
		step	tracking mode (slow)	248	- 255	97%	- 100%	
6	dimmer	proportional	adjust output intensity from 0 to 100%	0	- 255	0%	- 100%	
	shutter, strobe	step	shutter closed	0	- 9	0%	- 4%	
7		proportional	variable speed strobing effect, from slow to fast	10	- 66	4%	- 26%	
		step	shutter open	67	- 68	26%	- 27%	
		proportional	sequenced pulse effect, slow closing, fast opening (variable speed pulsing, from slow to fast)	69	- 125	27%	- 49%	
		step	shutter open	126	- 127	49%	- 50%	
		proportional	sequenced pulse effect, fast closing, slow opening (variable speed pulsing, from fast to slow)	128	- 184	50%	- 72%	
		step	shutter open	185	- 187	73%	- 73%	
		proportional	random strobe effect with variable speed from slow to fast	188	- 244	74%	- 96%	
		step	shutter open	245	- 255	96%	- 100%	
8	zoom	step	spot	0	- 9	0%	- 4%	
		proportional	from narrow beam (Spot) to wide beam (Flood)	10	255	4%	- 100%	
9	PAR effect filter and 9° spot lens	step	no effect	0	9	0%	- 4%	
		proportional	oval beam (par effect) rotatable through 0° to 180°	10	230	4%	- 90%	
		step	9° spot lens	231	255	91%	- 100%	

	function	type of control	effect	decimal	imal percentage			
10	colour wheel	step	no colour, white beam	0 - 7	0% -	3%		
		step or proportional control selectable via channel 15	colour 1	8 - 27	3% -	11%		
			colour 2	28 - 47	11% -	18%		
			colour 3	48 - 67	19% -	26%		
			colour 4	68 - 87	27% -	34%		
			colour 5	88 - 107	35% -	42%		
			colour 6	108 - 127	42% -	50%		
		proportional	rainbow effect in a counterclockwise direction from fast to slow	128 - 190	50% -	75%		
		step	no rotation	191 - 192	75% -	75%		
		proportional	rainbow effect in a clockwise direction from slow to fast	193 - 255	76% -	100%		
11	cyan	step	white, no colour	0 - 9	0% -	4%		
		proportional	proportional control of the cyan colour,from white to full cyan	10 - 255	4% -	100%		
12	magenta	step	white, no colour	0 - 9	0% -	4%		
		proportional	proportional control of the magenta colour,from white to full magenta	10 - 255	4% -	100%		
13	yellow	step	white, no colour	0 - 9	0% -	4%		
		proportional	proportional control of the yellow colour, from white to full yellow	10 - 255	4% -	100%		
14	СТВ	step	white, no colour	0 - 9	0% -	4%		
		proportional	proportional control of the colour temperature (CTB) from 0 to 100%	10 - 255	4% -	100%		
15	<b>colour positioning mode</b> (colour selection via channel 10)	step	colours are centred in the optical path	0 - 125	0% -	49%		
			colour are positioned proportionately in the optical path	126 - 255	49% -	100%		
	motors reset + activate black-out synchronised with PAN/TILT movement and colour changing	step	park, no effect	0 - 29	0% -	11%		
			pan and tilt reset (only once)	30 - 65	12% -	25%		
			reset all motors except strobo, pan and tilt (only once)	66 - 100	26% -	39%		
16			reset all motors except strobo (only once)	101 - 135	40% -	53%		
10			reset all motors (only once)	136 - 170	53% -	67%		
			black-out of the beam light during PAN/TILT movement and colour changing	171 - 249	67% -	98%		
			park, no effect	250 - 255	98% -	100%		
Note 1: a	all the reset functions are delay	ed by 6 seconds	s to prevent accidental activation					
Projector: coemar <i>İ</i> Wash HALO			Table name: DMX 512 functions					
Table nu	umber: 267	Edition: 0	Date: 12/10/2005					