channel	function	type of control	effect	decimal			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	step	closed	0	-	7	0%	-	3%
		proportional	adjust output intensity from 0 to 100%	8		255	3%	-	100%
7	shutter, strobe	step	shutter closed	0	-	9	0%	-	4%
		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, CTO filter	step	no effect	0		9	0%	-	4%
		proportional	oval beam (par effect) rotatable through 0° to 180°	10		230	4%	-	90%
		step	CTO conversion filter	231		255	91%	-	100%

channel	function	type of control	effect	decimal				percentage			
10	colour wheel	step	no colour, white beam	0	-	7		0%	-		3%
		step or proportional control selectable via channel 14	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	colour positioning mode (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%
15	activate black-out synchronised with PAN/TILT movement and colour changing	step	no effect	0	-	249		0%	-		98%
			black-out of the beam light during PAN/TILT movement and colour changing	250	-	255		98%	-		100%
16	lamp on/off, motors reset	step	park, no effect	0	-	10		0%	-		4%
			lamp off	11	-	29		4%	-		11%
			pan and tilt reset (only once)	30	-	65		12%	-		25%
			reset all motors except dimmer, pan and tilt (only once)	66	-	100		26%	-		39%
			reset all motors except dimmer (only once)	101	-	135		40%	-		53%
			reset all motors (only once)	136	-	170		53%	-		67%
			fans at maximum speed (only when lamp on)	171	-	249		67%	-		98%
			lamp on, fans off (if internal temperature allows)	250	-	255		98%	-		100%

Note 1: the display panel may be used to disable the switching off of the lamp via DMX

Note 2: turning off the lamp and all the reset functions are delayed by 6 seconds to prevent accidental activation

Note 3: lamp On/Off function and fan status can be modified only if an opposite level is set

Projector: coemar i Wash 575 MB		**Table name: DMX 512 functions**
Table number: 226	**Edition: 0**	**Date: 18/05/2004**