

Channel	Function	Type of Control	Effect	Decimal
1	x axis, base movement (pan)	proportional	control of the movement of the beam of light by proportional rotation of the pan motor of the fixture at the base	0-255
2	x axis, fine base movement (pan)	proportional	fine control of the movement of the beam of light by proportional rotation of the pan motor of the fixture at the base	0-255
3	y axis, yoke movement (tilt)	proportional	control of the movement of the beam of light by proportional rotation of the tilt motor of the fixture at the yoke	0-255
4	y axis, fine yoke movement (tilt)	proportional	fine control of the movement of the beam of light by proportional rotation of the tilt motor of the fixture at the yoke	0-255
5	movement speed	step	standard (fast)	0-10
		step	ultra fast movement (ideal for positioning during programming)	11-25
		proportional	vector mode - fast to slow-	26-127
		proportional	Tracking mode (from fast to slow)	128-247
		step	Tracking mode (slow)	248-255
6	dimmer	step	closed	0-7
		proportional	from closed to open	8-255
7	blackout, strobe	step	blackout closed (zap off)	0-9
	zap effect, depending upon channel 15	proportional	synchronised strobing effect, from slow to fast (shutter / zap or combination, selectable via channel 15)	10-66
		step	blackout open (zap off)	67-68
		proportional	sequenced pulse effect, slow closing, fast opening (Speed variable from slow to fast) / (shutter / zap or combination, selectable via channel 15)	69-125
		step	blackout open (zap off)	126-127
		proportional	sequenced pulse effect, slow closing, fast opening (Speed variable from fast to slow) / (shutter / zap or combination, selectable via channel 15)	128-184
		step	blackout open (zap off)	185-187
		proportional	random strobe effect with variable speed from fast to slow / (shutter / zap or combination, selectable via channel 15)	188-244
		step	blackout open (zap off)	245-255
8	beam angle	step	spot	0-9
		proportional	from narrow (spot) to wide (Flood)	10-255
9	conversion filter and "par" effect	step	no filter	0-9
		proportional	oval beam (par effect) rotatable 0 to 180°	10-230
		step	CTO conversion filter	231-255
10	colour wheel	step	open white	0-7
		step or proportional selectable via channel 14	colour 1	8-27
		step or proportional selectable via channel 14	colour 2	28-47
		step or proportional selectable via channel 14	colour 3	48-67
		step or proportional selectable via channel 14	colour 4	68-87
		step or proportional selectable via channel 14	colour 5	88-107
		step or proportional selectable via channel 14	colour 6	108-127
		proportional	rainbow effect in a clockwise direction from fast to slow	128-190
		step	no rotation	191-192
		proportional	rainbow effect in an anti-clockwise direction from slow to fast	193-255
11	cyan	step	open white, no colour	0-9
		proportional	proportional control of the cyan colour from white to full cyan	10-255
12	magenta	step	open white, no colour	0-9
		proportional	proportional control of the magenta colour from white to full magenta	10-255
13	yellow	step	open white, no colour	0-9
		proportional	proportional control of the yellow colour from white to full yellow	10-255
14	colour positioning mode	step	the colours in the colour wheel step to the centre of the optical path	0-125
	change the function of channel 10	step	the positioning of colours becomes proportional	126-255
15	zap effect	step	no effect	0-10
		step	zap effect synchronised with the strobe effect	11-30
		proportional	zap effect, lamp flicker frequency adjustment on channel 7	31-249
		step	Black-out of the beam of light during PAN/TILT movement of the fixture or whilst colours on the colour wheel are being changed	250-255
16	lamp on/off and motor resetting	step	park, no function	0-10
		step	lamp off	11-29
		step	pan and tilt reset (once only)	30-65
		step	reset of all the motors with the exception of the dimmer, pan and tilt (once only)	66-100
		step	reset of all the motors with the exception of the dimmer (once only)	101-135
		step	reset of all the motors (once only)	136-170
		step	fan forced at maximum speed	171-249
		step	lamp on, silent fans (if the internal temperature is acceptably low)	250-255
lamp off via DMX may be inhibited via settings on the fixture's display panel				
N.B. turning off the lamp and all the reset functions are delayed by 6 seconds to prevent accidental activation				
N.B. the lamp on/off function can only be effected only if an opposite level is set				
Projector: coemar iWash 575 EB		Table name: DMX 512		
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