Channel	Function	Type of Control	Effect	Decimal
1	**x axis, base movement (pan)**	proportional	control of the movement of the beam of light by proportaional 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 proportaional 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 proportaional 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 proportaional 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 da veloce a lento	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 21	proportional	synchronised strobing effect, from slow to fast (shutter / zap or combination, selectable via channel 21)	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 21)	69-125
		step	blackout open (zap off)	126-127
		proportional	sequenced pulse effect, fast closing, slow opening (Speed variable from fast to slow) / (shutter / zap or combination, selectable via channel 21)	128-184
		step	blackout open (zap off)	185-187
		proportional	random strobe effect with variable speed from slow to fast / (shutter / zap or combination, selectable via channel 21)	188-244
		step	blackout open (zap off)	245-255
8	**iris diaphragm**	step	open	0-9
	(LIN - linear)	proportional	from maximum open to minimum	10-251
		step	open	252-255
NOTE: the iris diaphragm has different effects depending upon the settings made when selecting IRIS on the display panel (linear LIN or with internal effects PULS)				
8	**iris diaphragm**	step	open	0-9
	(with internal effect PULS)	proportional	from maximum open to minimum	10-124
		step	minimum diameter	125-129
		proportional	pulse with proportional increase in speed	130-189
		step	open	190-192
		proportional	pulse and flash effect with proportional increase in speed	193-255
NOTE: the iris focus lense is automatically inserted into the light beam when the iris channel is set to above 9 and no gobo has been selected; this automated feature can be disenabled by taking channel 22 to a level between 171 and 209				
9	**step zoom**	step	iris focus lense	0-85
	channel 22 between 171 and 209	step	21° lense	86-171
		step	25° lense	172-255
9	**step zoom**	step	21° lense	0-127
	channel 22 between 250 and 255	step	25° lense	128-255
10	**focusing**	proportional	proportional control of focus	0-255
11	**rotating gobo selection on wheel 1 (closest to the lamp)**	step	no gobo	0-10
		step or proportional selectable via channel 20	gobo 1	11-40
		step or proportional selectable via channel 20	gobo 2	41-70
		step or proportional selectable via channel 20	gobo 3	71-100
		step or proportional selectable via channel 20	gobo 4	101-130
		step or proportional selectable via channel 20	gobo 5	131-160
		step or proportional selectable via channel 20	gobo 6	161-192
		proportional	continuous rotation of the gobo wheel from slow to fast	193-255
12	**indexing rotating gobo on wheel 1 through 360°**	step	no effect	0-10
		proportional	proportional positioning of the gobo on the wheel from 1 to 360°	11-255
13	**gobo rotation on wheel 1 and fine indexing**	proportional	fine indexing / accurate positioning of the gobo (if channel 12 is above a level of 10)	0-100
		proportional	continuous rotation of the gobo in a clockwise direction with a proportional increase in speed	101-176
		step	gobo stop	177- 179
		proportional	continuous rotation of the gobo in an anti-clockwise direction with a proportional decrease in speed	180-255
14	**rotating gobo selection on wheel 2**	step	no gobo	0-10
		step or proportional selectable via channel 20	gobo 1	11-40
		step or proportional selectable via channel 20	gobo 2	41-70
		step or proportional selectable via channel 20	gobo 3	71-100
		step or proportional selectable via channel 20	gobo 4	101-130
		step or proportional selectable via channel 20	gobo 5	131-160
		step or proportional selectable via channel 20	gobo 6	161-192
		proportional	continuous rotation of the gobo wheel from slow to fast	193-255

Channel	Function	Type of Control	Effect	Decimal
15	**indexing rotating gobo on wheel 2 through 360°**	step	no effect	0-10
		proportional	proportional positioning of the gobo on wheel 2 through 360°	11-255
16	**gobo rotation on wheel 2 and fine indexing**	proportional	fine indexing / accurate positioning of the gobo (if channel 15 is is above a level of 10)	0-100
		proportional	continuous rotation of the gobo in a clockwise direction with a proportional increase in speed	101-176
		step	gobo stop	177- 179
		proportional	continuous rotation of the gobo in an anti-clockwise direction with a proportional decrease in speed	180-255
17	**selecting and rotating the prism**	step	no effect	0-10
		step	prism inserted into the light beam	11-20
		proportional	continuous rotation of the prism in a clockwise direction with a proportional decrease in speed	21-136
		step	stop the prism spinning	137- 139
		proportional	continuous rotation of the prism in an anti-clockwise direction with a proportional decrease in speed	140-255
18	**ruota colori 1 (la più vicina alla lampada)**	step	open white	0-7
		step or proportional selectable via channel 20	colour 1	8-27
		step or proportional selectable via channel 20	colour 2	28-47
		step or proportional selectable via channel 20	colour 3	48-67
		step or proportional selectable via channel 20	colour 4	68-87
		step or proportional selectable via channel 20	colour 5	88-107
		step or proportional selectable via channel 20	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
19	**Colour wheel 2**	step	white	0-7
		step or proportional selectable via channel 20	colour 1	8-27
		step or proportional selectable via channel 20	colour 2	28-47
		step or proportional selectable via channel 20	colour 3	48-67
		step or proportional selectable via channel 20	colour 4	68-87
		step or proportional selectable via channel 20	colour 5	88-107
		step or proportional selectable via channel 20	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
20	**gobo and colour positioning**	step	**Gobos** and **colours** cannot be offset with respect to the centre of the optical path	0-10
	in combination with channels 11, 14, 18 and 19	step	proportional positioning of the **gobo** in the optical path	11-125
		step	proportional positioning of **colours** in the optical path through 360°	126-239
		step	the positioning of the **gobos** and **colours** becomes proportional in the optical path through 360°	240-255
21	**slide and zap effect**	step	no effect	0-10
		step	zap effect synchronised with the strobe effect, speed and mode selection on channel 7	11-30
		proportional	zap effect, flicker speed and mode selection on channel 7	31-249
		step	Black-out of the beam of light during PAN/TILT movement of the fixture or colour, gobo change	250-255
22	**Lamp on/off, motor resetting and inhibiting automatic lense insertion**	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	66-100
		step	reset of all the motors with the exception of the dimmer	101-135
		step	reset of all the motors	136-170
		step	disenables the automatic insertion of the iris lense (fans and lamp do not change functionality)	171-209
		step	fans at max speed	210-249
		livello unico	lamp ON, fan at silent speed (if internal temperature allowed the function)	250-255
Inhibiting lamp on and 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 iSpot 575 EB			Table name: DMX 512	
Table number: 219		Edition: 0	Date: 10/08/2002	