

channel	function	type of control	effect	decimal
1	Base (pan) coarse	proportional	coarse control of the base movement	0-255
2	Base (pan) fine	proportional	fine control of the base movement	0-255
3	Yoke (tilt) coarse	proportional	coarse control of the Yoke movement	0-255
4	Yoke (tilt) fine	proportional	fine control of the Yoke movement	0-255
5	dimmer	step	closed	0-7
		proportional	from close to open	8-255
6	Shutter, Strobe	step	Shutter closed	0-9
		proportional	Synchro strobe-effect from slow to fast (max. 10 flashes/second)	10-66
		step	Shutter open	67-68
		proportional	Pulse-effect in sequences, close slow, open fast (adjustment from slow to fast)	69-125
		step	Shutter open	126-127
		proportional	Pulse-effect in sequences, close fast, open slow (adjustment from fast to slow)	128-184
		step	Shutter open	185-187
		proportional	Random strobe-effect from slow to fast	188-244
		step	Shutter open	245-255
7	iris	step	open	0-9
		proportional	from large to small	10-124
		step	iris small	125-129
		proportional	iris pulse, with increasing pulse speed	130-189
		step	open	190-192
		proportional	iris pulse, with increasing pulse speed plus flash effect	193-251
		step	open	252-255
NOTE: Step zoom iris lens automatically enters the beam when the iris channel is at a level higher than 9 with no gobo inserted if channel 20 is between 250 and 255.				
8	step Zoom (channel 20 between 171 and 249)	step	iris lens	0-85
			21 ° beam size	86-171
			25 ° beam size	172-255
8	step Zoom (channel 20 between 250 and 255)	step	21 ° beam size	0-127
			25 ° beam size	128-255
9	focus	proportional	proportional focus control	0-255
10	Rotating gobo 1, selection	step	Open	0-10
		step or proportional depending on ch 19	gobo 1	11-40
		step or proportional depending on ch 19	gobo 2	41-70
		step or proportional depending on ch 19	gobo 3	71-100
		step or proportional depending on ch 19	gobo 4	101-130
		step or proportional depending on ch 19	gobo 5	131-160
		step or proportional depending on ch 19	gobo 6	161-192
		proportional	Gobo wheel rotation from slow to fast	193-255
11	gobo 1 360° indexing	step	no effect	0-10
		proportional	proportional indexable gobo positioning 360°	11-255
12	gobo 1 rotation & fine indexing	proportional	proportional indexable fine gobo positioning 360°	0-100
		proportional	continuous gobo rotation clockwise with proportional speed from max to min.	101-176
		step	gobo stop	177- 179
		proportional	continuous gobo rotation counter-clockwise with proportional speed from min. to max	180-255
13	Rotating gobo 2, selection	step	Open	0-10
		step or proportional depending on ch 19	gobo 1	11-40
		step or proportional depending on ch 19	gobo 2	41-70
		step or proportional depending on ch 19	gobo 3	71-100
		step or proportional depending on ch 19	gobo 4	101-130
		step or proportional depending on ch 19	gobo 5	131-160
		step or proportional depending on ch 19	gobo 6	161-192
		proportional	Gobo wheel rotation from slow to fast	193-255
14	gobo 2 360° indexing	step	no effect	0-10
		proportional	proportional indexable gobo positioning 360°	11-255

channel	function	type of control	effect	decimal
15	gobo 2 rotation & fine indexing	proportional	proportional indexable fine gobo positioning 360°	0-100
		proportional	continuous gobo rotation clockwise with proportional speed from max to min.	101-176
		step	gobo stop	177- 179
		proportional	continuous gobo rotation counter-clockwise with proportional speed from min. to max	180-255
16	prism selection & rotation	step	no prism	0-10
		step	prism	11-20
		proportional	continuous prism rotation clockwise with proportional speed from fast to slow	21-136
		step	prism stop	137- 139
		proportional	continuous prism rotation counterclockwise with proportional speed from slow to fast	140-255
17	color wheel 1	step	Open/white	0-7
		step or proportional depending on ch 19	color 1	8-27
		step or proportional depending on ch 19	color 2	28-47
		step or proportional depending on ch 19	color 3	48-67
		step or proportional depending on ch 19	color 4	68-87
		step or proportional depending on ch 19	color 5	88-107
		step or proportional depending on ch 19	color 6	108-127
		proportional	Forwards rainbow effect from fast to slow	128-190
		step	No rotation	191-192
		proportional	Backwards rainbow effect from slow to fast	193-255
18	color wheel 2	step	Open/white	0-7
		step or proportional depending on ch 19	color 1	8-27
		step or proportional depending on ch 19	color 2	28-47
		step or proportional depending on ch 19	color 3	48-67
		step or proportional depending on ch 19	color 4	68-87
		step or proportional depending on ch 19	color 5	88-107
		step or proportional depending on ch 19	color 6	108-127
		proportional	Forwards rainbow effect from fast to slow	128-190
		step	No rotation	191-192
		proportional	Backwards rainbow effect from slow to fast	193-255
19	gobo and color positioning mode	step	Steps between gobos from level 11 to 192/ Steps between color from level 6 to 127	0-10
		step	From no gobo to gobo 6, 360° gobo positioning became proportional (level 11/192)	11-125
		step	From no color to color 6, 360° color positioning became proportional (level 8/127)	126-239
		step	Gobo and color positioning became proportional	240-255
20	Lamp ON, motor Reset, pan/tilt speed control mode	step	lamp off	0-10
		step	park, no function	11-29
		step	pan/tilt reset (only once)	30-65
		step	all motor reset except dimmer, pan, tilt (only once)	66-100
		step	all motor reset except dimmer (only once)	101-135
		step	all motor reset (only once)	136-170
		step	inhibit auto lens on iris	171-249
		step	lamp on (pan/tilt standard movement)	250-255
Back panel can modify function channel (inhibit lamp off)				
note 1: function channel (20) has a delay time of 6 seconds to prevent accidental activation.				
note 2 :on/off lamp mode is not affected unless an opposite value is received				
Fixture type: coemar iSpot 575		Chart name: DMX 512		
Chart number: 201		Release: 1 Date: 16/01/2002		