

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	step	closed	0-9
		proportional	strobe effect increasing flash rate	10-127
		proportional	random strobe, increasing flash rate	128-247
		step	open	248-255
7	iris	step	open	0-15
		proportional	from large to small	16-115
		step	iris small	116-192
		proportional	iris pulse, with increasing pulse speed	193-251
		step	iris max, wide beam	252-255
8	Zoom	proportional	proportional zoom control from small to large beam	0-255
9	focus	proportional	proportional focus control	0-255
10	gobo 1 selection standard (Strd)	step	no gobo	0-20
		step	gobo 1	21-42
		step	gobo 2	43-64
		step	gobo 3	65-86
		step	gobo 4	87-108
		step	gobo 5	109-130
		step	gobo 6	131-151
		proportional	gobo wheel rotate continuously, speed from min to max	152-255
NOTE: channel 10 function can be varied selecting gobo standard/special function on the back function display				
10	gobo 1 selection special (SPEC)	step	no gobo	0-10
		proportional	proportional gobo wheel rotation 360° from no gobo to the last gobo	11-151
		proportional	gobo wheel rotate continuously, speed from min to max	152-255
11	gobo 1 360° positioning	step	no effect	0-10
		proportional	proportional indexable gobo positioning 360°	11-255
12	gobo 1 rotation & fine positioning	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	gobo 2 selection standard (Strd)	step	no gobo	0-20
		step	gobo 1	21-42
		step	gobo 2	43-64
			gobo 3	65-86
		step	gobo 4	87-108
		step	gobo 5	109-130
		step	gobo 6	131-151

channel	function	type of control	effect	decimal
		proportional	gobo wheel rotate continuously, speed from min to max	152-255
NOTE: channel 13 function can be varied selecting gobo standard/special function on the back function display				
13	gobo 2 selection special (SPEC)	step	no gobo (clear)	0-10
		proportional	proportional gobo wheel rotation 360° from no gobo to the last gobo	11-151
		proportional	gobo wheel rotate continuously, speed from min to max	152-255
14	effects selection (prism, lens)	step	no effects (clear)	0-83
			effect 1	84- 171
			effect 2	172-255
15	prism rotation	proportional	proportional fine prism positioning 360°	0-128
		proportional	continuous prism rotation clockwise with proportional speed from max. to min.	129-189
		step	prism stop	190-192
		proportional	continuous prism rotation counterclockwise with proportional speed from min. to max.	193-255
16	No effect			
NOTE: channel 16 select gobo or iris focal lens when ch 20 is between 171 and 200				
16	Focal lens	step	Iris focal lens	0-85
		step	Gobo focal lens	86-170
		step	Narrow angle	171-255
17	cyan	proportional	proportional cyan control from white to cyan	0-255
18	magenta	proportional	proportional magenta control from white to magenta	0-255
19	Yellow	proportional	proportional yellow control from white to yellow	0-255
20	Lamp ON, motor Reset, zoom control mode	step	lamp off	0-19
		step	pan/tilt go to sensor	20-100
		step	all motor reset (only once)	101-170
		step	Lamp ON (zoom control free)	171-200
		step	Lamp ON (zoom fast autofocus)	201-240
		step	Lamp ON (progressive zoom autofocus)	241-255
Back panel can modify function channel (inhibit lamp off)				
20	Lamp ON, motor Reset, zoom control mode	step	lamp on	0-19
		step	pan/tilt go to sensor	20-100
		step	all motor reset (only once)	101-170
		step	Lamp ON (zoom control free)	171-200
		step	Lamp ON (zoom fast autofocus)	201-240
		step	Lamp ON (progressive zoom autofocus)	241-255
note 1: 2 or 4 numbers close to the end limit levels cannot be used as unstable levels				
note 2: function channel has a delay time of 6 second to prevent accidental activation.				
note 3 :on/off lamp mode is not affected unless an opposite value is received				
Fixture type: coemar CF 7 Hard Edge		Chart name: DMX 512		
Chart number: 187		Release: 2		Date: 04/05/2000