

Start code = 0

Implemented from CPU software version 1.3

# MAC 250 / MAC 250+ DMX Protocol



		MODE																																				
		1	2	3	4																																	
L I G H T	1	closed				SHUTTER					STROBE					DIMMER PULSE					RANDOM STROBE					RND PULSE					RESET	OPEN	LAMP	OPEN	LAMP			
	2	closed				open					←					←					fast med slow					open close					*		ON		OFF*			
		0 19 20 49 50 72 80 99 100 119 128 147 148 167 168 187 196 200 204 208 217 218 227 228 237 238 247 248 255																																				
C L O R	3	CONTINUOUS COLOR SCROLL												STEPPED COLOR SCROLL												CONTINUOUS ROTATION		RND										
		white	C 1	C 2	C 3	C 4	C 5	C 6	C 7	C 8	C 9	C 10	C 11	C 12	12	11	10	9	8	7	6	5	4	3	2	*	0	←	→	COLOR								
		0 12 24 36 48 60 72 84 96 108 120 132 144 156 160 164 168 172 176 180 184 188 192 196 200 204 208 226 227 245 f   m   s																																				
G O B O S	MAC 250	GOBO SELECTION								GOBO SHAKE								CONTINUOUS ROTATION																				
	4	open*	G 1	G 2	G 3	G 4	G 5	G 6	G 7	G 8	G 8	G 7	G 6	G 5	G 4	G 3	G 2	G 1	→	←	→	←	→	←	→	←	→	←	→	←	→	→	←					
	MAC 250+	INDEXED GOBO SELECTION	ROTATING GOBO SELECTION							GOBO SHAKE								CONTINUOUS ROTATION																				
		0*	1	2	3	4	5	6	7	8	0*	1	2	3	4	5	6	7	8	G 8	G 7	G 6	G 5	G 4	G 3	G 2	G 1	→	←	→	←	→	←	→	←	→	→	←
		0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 104 119 134 149 164 179 194 209 210 232 233 255																																				
5	0°	GOBO ROTATION																395°																				
		indexing (MAC 250+ only)																252   st																				
		continuous cw rotation →																← continuous ccw rotation																				
		127   128																																				
F O C U S	6	infinity																								2 meters												
	7	PRISM								MACROS																												
		out	cw rotation							stop*	ccw rotation							out	1	2	3	4	5	6	7	8												
		0	19	20	←					79	80	89	90	→					149	150	215	216	221	226	231	236	241	246	251									
		0 19 20 79 80 89 90 149 150 215 216 221 226 231 236 241 246 251																																				
P A N / T I L T	8	left																								right												
	- 9 - 9	PAN																																				
	- 9 - 9	PAN FINE (LSB)																																				
	9 10 9 10	TILT																																				
		left																																				
		PAN FINE (LSB)																																				
		up																																				
		TILT																																				
		- 11 - 11																																				
		up																																				
		TILT FINE (LSB)																																				
		left																																				
		PAN/TILT SPEED																																				
		3 fast																																				
S P E E D	10	PAN/TILT SPEED																																				
	11	EFFECTS SPEED												* Set ch. 3, 4, and 7 to value marked to override disabled function.																								
	13	dimmer, focus												T = tracking mode (0-2 & 246-251)																								
	0	colors												S = normal PTSP / shortcuts off (Overrides personality setting)																								
	0	gobo indexing (MAC 250+)												F = fast PTSP / shortcuts on (Overrides personality setting)																								
		gobo selection												«» = blackout speed (252-255)																								
		rotating prism												← = variable speed, points to fast																								
		no change																																				
		no change																																				
		245 T   f																																				
		245 T <sub>s</sub>   T <sub>f</sub> «»																																				
		245 T «»																																				
		245 S F «»																																				
		251 «»																																				
		0 12 13 245 251																																				

Martin Professional A/S

Olof Palmes Allé 18 8200 Aarhus N Denmark Tel.: +45 8740 0000 Fax: +45 8740 0010 Internet: www.martin.dk