

SPOT 250 XT- DMX PROTOCOL

Mode 1 channel	Mode 2 channel	8 bit channel	Value	Function	Type of control
1	1	1	0-255	Pan Pan movement by 530°	proportional
2	3	2	0-255	Tilt Tilt movement by 280°	proportional
3	2		0-255	Pan fine Fine control of pan movement	proportional
4	4		0-255	Tilt fine Fine control of tilt movement	proportional
5	5	3	0 1-249 250-255	Speed of PAN/TILT movement Max. speed (tracking mode) From max. speed to min.speed (vector mode) Max. speed,black-out while PAN,TILT moving or colour changes (tracking mode)	step proportional step
6	6	4	0-127 128-139 140-229 230-239 240-255	Lamp on/off,reset,fans speed control From max.speed of fan to min. speed of fan Lamp on,reset, No function Lamp off after 3 sec No function	proportional step step step step
7	7	5	0 10 21 32 42 53 64 74 85 96 106 117 128-189 190-193 194-255	Colours Open/white Turquoise Red Cyan Green Magenta Light Blue Yellow Green Pink Blue Orange Forwards rainbow effect from fast to slow No rotation Backwards rainbow effect from slow to fast	proportional proportional proportional proportional proportional proportional proportional proportional proportional proportional proportional proportional proportional proportional proportional
8	8	6		No function	
9	9	7	0-95 96-159 160-255 160-167 168-175 176-183 184-191 192-199 200-207 208-215 216-223	Effect-wheel Open position (hole) 3-facet rotating prism Prism/gobo macros Macro 1 Macro 2 Macro 3 Macro 4 Macro 5 Macro 6 Macro 7 Macro 8	step step step step step step step step step step

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9	9	7	224-231 232-239 240-247 248-255	Macro 9 Macro 10 Macro 11 Macro 12	step step step step
10	10	8	0 1-126 127-128 129-255	3 facet prism rotation control No rotation Forwards rotation from fast to slow No rotation Backwards rotation from slow to fast	step proportional step proportional
11	11	9	0-31 32-63 64-95 96-127 128-159 160-191 192-223 224-255	Rotating gobos Open Rot. gobo 1 (multicolour dichroic) Rot. gobo 2 (glass) Rot. gobo 3 (metal) Rot. gobo 4 (metal) Rot. gobo 5 (metal) Rot. gobo 6 (metal) Rot. gobo wheel cont.rotation from slow to fast	step step step step step step step proportional
12	12	10	0-127 128-190 191-192 193-255	Rotating gobo index,rotating gobo rotation Gobo indexing Forwards gobo rotation from fast to slow No rotation Backwards gobo rotation from slow to fast	proportional proportional step proportional
13	13	11		No function	
14	14	12	0-255	Focus Continuous adjustment from far to near	proportional
15	15	13	0-31 32-63 64-95 96-127 128-159 160-191 192-223 224-255	Shutter,Strobe Shutter closed No function (shutter open) Strobe-effect from slow to fast (max. 10 flashes/second) No function (shutter open) Pulse -effect in sequences No function (shutter open) Random strobe-effect from slow to fast No function (shutter open)	step step proportional step proportional step proportional step
16	16	14	0-255	Dimmer intensity Gradual adjustment of the dimmer intensity from 0 to 100%	proportional