

RECESSED SPOT 170 - DMX Protocol 16-bit

16-bit Mode 1 Channel	16-bit Mode 2 Channel	Value	Function	Type of control
1	1	0-255	Pan Pan movement by 530°	proportional
2	3	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	0 1-249 250-252 253-255	Speed of PAN/TILT movement Max. speed (tracking mode) From max. speed to min.speed (vector mode) Max. speed(track.mode),black-out while colour or gobo changes Max. speed(vector mode),black-out while PAN/TILT moving or colour / gobo changes	step proportional step step
6	6	0-127 128-139 140-229 230-239 240-255	Lamp on/off,reset No function Lamp on,reset, No function Lamp off after 3 sec No function	step step step step step
7	7	0 11 23 35 46 58 70 81 93 105 116 128-189 190-193 194-255	Colours Open/white Dark green Red Cyan Magenta Blue Yellow Green Pink Blue dark 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
8	8	0-11 12-23 24-35 36-47 48-59 60-71 72-83 84-95 96-235	Rotating gobos Open position (hole) Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 <i>Shaking gobos with variable speed</i>	step step step step step step step step step
		96-115 116-135 136-155	Gobo 1 Gobo 2 Gobo 3	proportional proportional proportional

16-bit Mode 1 Channel	16-bit Mode 2 Channel	Value	Function	Type of control
		156-175 176-195 196-215 216-235 236-255	Gobo 4 Gobo 5 Gobo 6 Gobo 7 Gobo wheel rotation from slow to fast	proportional proportional proportional proportional proportional
9	9	0-127 128-189 190-193 194-255	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
10	10	0-255	Focus Continuous adjustment from far to near	
11	11	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. 8 flashes/s) 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
12	12	0-255	Dimmer intensity Gradual adjustment of the dimmer intensity from 0 to 100%	proportional

RECESSED SPOT 170 - DMX Protocol 8-bit,16-bit

8-bit Mode 3 Channel	16-bit Mode 4 Channel	Value	Function	Type of control
1	1	0-255	Pan Pan movement by 530°	proportional
2	2	0-255	Tilt Tilt movement by 280°	proportional
	3	0-255	Pan fine Fine control of pan movement	proportional
	4	0-255	Tilt fine Fine control of tilt movement	proportional
3	5	0 1-249 250-252 253-255	Speed of PAN/TILT movement Max. speed (tracking mode) From max. speed to min.speed (vector mode) Max. speed(track.mode),black-out while colour or gobo changes Max. speed(vector mode),black-out while PAN/TILT moving or colour / gobo changes	step proportional step step
4	6	0-127 128-139 140-229 230-239 240-255	Lamp on/off,reset No function Lamp on,reset, No function Lamp off after 3 sec No function	step step step step step
5	7	0 11 23 35 46 58 70 81 93 105 116 128-189 190-193 194-255	Colours Open/white Dark green Red Cyan Magenta Blue Yellow Green Pink Blue dark 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
	8		No function	
	9		No function	
	10		No function	
6	11	0-11 12-23 24-35 36-47 48-59 60-71 72-83 84-95	Rotating gobos Open position (hole) Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7	step step step step step step step step

8-bit Mode 3 Channel	16-bit Mode 4 Channel	Value	Function	Type of control
		96-235 96-115 116-135 136-155 156-175 176-195 196-215 216-235 236-255	Shaking gobos with variable speed Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 Gobo wheel rotation from slow to fast	proportional proportional proportional proportional proportional proportional proportional
7	12	0-127 128-189 190-193 194-255	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		No function	
8	14	0-255	Focus Continuous adjustment from far to near	
9	15	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. 8 flashes/s) 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
10	16	0-255	Dimmer intensity Gradual adjustment of the dimmer intensity from 0 to 100%	proportional