

**ELATION® SATURA SPOT LED PRO™**  
**DMX Channel Values / Functions - VERSION 2 (32 DMX Channels)**

Specifications are subject to change without any prior written notice.

\*Rotation direction (Clockwise or Counterclockwise) of COLOR, GOBO, and PRISM effects depends on the orientation of the fixture head.

MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
1	1	1		<b>PAN MOVEMENT [8 BIT]</b>
			0-255	PAN Movement
	2	2		<b>PAN FINE MOVEMENT [16 BIT]</b>
			0-255	Fine Control of PAN Movement
2	3	3		<b>TILT MOVEMENT [8 BIT]</b>
			0-255	TILT Movement
	4	4		<b>TILT FINE MOVEMENT [16 BIT]</b>
			0-255	Fine Control of TILT Movement
3	5	5		<b>RED LED</b>
			0-255	0-BLACK ~ 255-100% RED
		6		<b>RED LED FINE</b>
			0-255	RED FINE Adjustment
4	6	7		<b>GREEN LED</b>
			0-255	0-BLACK ~ 255-100% GREEN
		8		<b>GREEN LED FINE</b>
			0-255	GREEN FINE Adjustment
5	7	9		<b>BLUE LED</b>
			0-255	0-BLACK ~ 255-100% BLUE
		10		<b>BLUE LED FINE</b>
			0-255	BLUE FINE Adjustment
6	8	11		<b>WHITE LED</b>
			0-255	0-BLACK ~ 255-100% WHITE
		12		<b>WHITE LED FINE</b>
			0-255	WHITE FINE Adjustment
7	9	13		<b>SHUTTER, STROBE</b>
			0-31	Shutter CLOSED
			32-63	NO Function (Shutter OPEN)
			64-95	Strobe Effect SLOW to FAST
			96-127	NO function (Shutter OPEN)
			128-159	Pulse Effect In Sequences
			160-191	NO Function (Shutter OPEN)
			192-223	Random Strobe Effect SLOW to FAST
224-255	NO Function (Shutter OPEN)			
8	10	14		<b>DIMMER INTENSITY</b>
			0-255	Dimmer Intensity 0 to 100%
9	11	15		<b>DIMMER INTENSITY FINE</b>
			0-255	Dimmer Intensity FINE Adjustment
10	12	16		<b>DIMMING CURVE MODES</b>
			0-20	Standard
			21-40	Stage
			41-60	TV
			61-80	Architectural
			81-100	Theatre
		101-255	Default to unit setting	

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MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
11	13	17	<b>COLOR MACROS</b>	
			0-1	NO FUNCTION
			2	WHITE 2700K
			3	WHITE 3200K
			4	WHITE 4300K
			5	WHITE 5600K
			6	WHITE 6500K
			7	WHITE 8000K
			8-39	From RED to YELLOW
			40-71	From YELLOW to GREEN
			72-103	From GREEN to Cyan
			104-135	From CYAN to BLUE
			136-167	From BLUE to MAGENTA
			168-199	From MAGENTA to RED
			200-231	From RED to WHITE
232-255	Crossfading COLORS from SLOW to FAST			
12	14	18	<b>ROTATING GOBO WHEEL, CONTINUOUS ROTATION</b>	
			0-9	OPEN
			10-19	Rotating GOBO 1
			20-29	Rotating GOBO 2
			30-39	Rotating GOBO 3
			40-49	Rotating GOBO 4
			50-59	Rotating GOBO 5
			60-69	Rotating GOBO 6
			70-89	GOBO 1 Shake SLOW to FAST
			90-109	GOBO 2 Shake SLOW to FAST
			110-129	GOBO 3 Shake SLOW to FAST
			130-149	GOBO 4 Shake SLOW to FAST
			150-169	GOBO 5 Shake SLOW to FAST
			170-189	GOBO 6 Shake SLOW to FAST
			190-255	*Clockwise GOBO Wheel Rotation from SLOW to FAST
13	15	19	<b>ROTATING GOBO WHEEL, INDEX ROTATION</b>	
			0-127	GOBO Indexing
			128-189	*Clockwise GOBO Rotation from FAST TO SLOW
			190-193	NO Rotation
			194-255	*Counterclockwise GOBO Rotation from SLOW to FAST
		20	<b>ROTATING GOBO WHEEL, FINE INDEX ROTATION</b>	
			0-255	Gobo Rotation FINE Indexing

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BASIC	STAND	EXTEND		
14	16	21		<b>FIXED GOBO WHEEL</b>
			0-13	OPEN
			14-27	GOBO 1
			28-41	GOBO 2
			42-55	GOBO 3
			56-69	GOBO 4
			70-83	GOBO 5
			84-97	GOBO 6
			98-111	GOBO 7
			112-127	GOBO 1 Shake SLOW to FAST
			128-143	GOBO 2 Shake SLOW to FAST
			144-159	GOBO 3 Shake SLOW to FAST
			160-175	GOBO 4 Shake SLOW to FAST
			176-191	GOBO 5 Shake SLOW to FAST
			192-207	GOBO 6 Shake SLOW to FAST
			208-223	GOBO 7 Shake SLOW to FAST
224-255	GOBO Wheel Rotation from SLOW to FAST			
15	17	22		<b>ROTATING PRISM, PRISM / GOBO MACROS</b>
			0-63	OPEN
			64-127	3-Facet PRISM
			128-135	Macro 1
			136-143	Macro 2
			144-151	Macro 3
			152-159	Macro 4
			160-167	Macro 5
			168-175	Macro 6
			176-183	Macro 7
			184-191	Macro 8
			192-199	Macro 9
			200-207	Macro 10
			208-215	Macro 11
			216-223	Macro 12
			224-231	Macro 13
232-239	Macro 14			
240-247	Macro 15			
248-255	Macro 16			
16	18	23		<b>ROTATING PRISM, INDEX ROTATION</b>
			0-127	PRISM Indexing
			128-189	*Clockwise PRISM Rotation from FAST to SLOW
			190-193	NO Rotation
194-255	*Counterclockwise PRISM Rotation from SLOW to FAST			
17	19	24		<b>FOCUS</b>
			0-255	Continuous Adjustment from FAR to NEAR
		25		<b>FOCUS FINE</b>
			0-255	Continuous Focus FINE Adjustment
18	20	26		<b>MOTORIZED ZOOM</b>
			0-255	ZOOM Adjustment from SMALL to BIG
		27		<b>MOTORIZED ZOOM FINE</b>
			0-255	Zoom FINE Adjustment

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BASIC	STAND	EXTEND		
19	21	28		<b>FROST</b>
			0-127	Open
			128-255	100% Frost
20	22	29		<b>IRIS</b>
			0-191	MAX to MIN Diameter
			192-223	Pulse Opening FAST to SLOW
			224-255	Pulse Closing SLOW to FAST
		30		<b>IRIS FINE</b>
			0-255	Iris FINE Adjustment
21	23	31		<b>PAN / TILT MOVEMENT SPEED</b>
			0-225	MAX to MIN Speed
			226-235	BLACKOUT by Movement
			236-245	BLACKOUT by ALL Wheel Changing
			246-255	NO Function
22	24	32		<b>LAMP ON/OFF, RESET, INTERNAL PROGRAMS</b>
			0-19	GOBO Change Normal
			20-29	NO Function
			30-39	GOBO Change to Any Position
			40-79	NO Function
			80-84	ALL MOTOR Reset
			85-87	SCAN MOTOR Reset
			88-90	NO Function
			91-93	GOBO MOTOR Reset
			94-96	NO Function
			97-99	OTHER MOTOR Reset
			100-119	Internal Program 1 (Scene 1-8)
			120-139	Internal Program 2 (Scene 9-16)
			140-159	Internal Program 3 (Scene 17-24)
			160-179	Internal Program 4 (Scene 25-32)
180-199	Internal Program 5 (Scene 33-40)			
200-219	Internal Program 6 (Scene 41-48)			
220-239	Internal Program 7 (Scene 49-56)			
		240-255	Sound Control (Scene of Program 1)	

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