

**ELATION® SATURA PROFILE™**  
DMX Channel Values / Functions (54 DMX Channels)

Supports Software Versions: ≥ 1.0.2

Features are subject to change without any prior written notice.

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MODE / CHANNEL			VALUE	FUNCTION			
BASIC	STAND	EXTEND					
1	1	1		PAN MOVEMENT [8 BIT]			
			0-255	PAN Movement			
	2	2		PAN FINE MOVEMENT [16 BIT]			
			0-255	Fine Control of PAN Movement			
2	3	3		TILT MOVEMENT [8 BIT]			
			0-255	TILT Movement			
	4	4		TILT MOVEMENT [16 BIT]			
			0-255	Fine Control of TILT Movement			
3	5	5		CYAN COLOR			
			0-255	0-WHITE ~ 255-100% CYAN			
				CYAN COLOR FINE			
		6	0-255	CYAN FINE Adjustment			
			4	6	7		MAGENTA COLOR
						0-255	0-WHITE ~ 255-100% MAGENTA
		8		MAGENTA COLOR FINE			
			0-255	MAGENTA FINE Adjustment			
			5	7	9		YELLOW COLOR
0-255	0-WHITE ~ 255-100% YELLOW						
	YELLOW COLOR FINE						
		10	0-255	YELLOW FINE Adjustment			
			6	8	11		CTO COLOR
						0-255	0-WHITE ~ 255-100% CTO
		12		CTO COLOR FINE			
			0-255	CTO FINE Adjustment			
			7	9	13		CMY / COLOR MACRO SPEED
0-255	MAX to MIN Speed						
8	10	14		COLOR WHEEL			
			0-15	OPEN / WHITE			
			16-31	RED			
			32-47	BLUE			
			48-63	GREEN			
			64-79	YELLOW			
			80-95	MAGENTA			
			96-111	ORANGE			
			112-127	LIGHT BLUE			
			128-189	*Clockwise COLOR Rotation from FAST to SLOW			
			190-193	NO Rotation			
			194-255	*Counterclockwise COLOR Rotation from SLOW to FAST			
					15		COLOR WHEEL FINE ADJUSTMENT
0-255	FINE Adjustment of Color Wheel to Any Position						
9	11	16		ROTATING GOBOS, CONTINUOUS ROTATION [GOBO WHEEL 1]			
			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			
10	12	17		ROTATING GOBOS, INDEX ROTATION [GOBO WHEEL 1]			
			0-127	Gobo Indexing			
			128-193	*Clockwise Gobo Rotation from FAST TO SLOW			
			194-255	*Counterclockwise Gobo Rotation from SLOW to FAST			

**ELATION** | **SATURA PROFILE™** | dmX traits

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BASIC	STAND	EXTEND		
		18		<b>ROTATING GOBOS, FINE INDEX ROTATION [GOBO WHEEL 1]</b>
			0-255	Gobo Rotation FINE Indexing
				<b>STATIC / FIXED GOBOS [GOBO WHEEL 2]</b>
			0-13	OPEN
			14-27	Static / Fixed Gobo 1
			28-41	Static / Fixed Gobo 2
			42-55	Static / Fixed Gobo 3
			56-69	Static / Fixed Gobo 4
			70-83	Static / Fixed Gobo 5
			84-97	Static / Fixed Gobo 6
			98-111	Static / Fixed Gobo 7
			112-127	Shake SLOW to FAST Static / Fixed Gobo 1
			128-143	Shake SLOW to FAST Static / Fixed Gobo 2
			144-159	Shake SLOW to FAST Static / Fixed Gobo 3
			160-175	Shake SLOW to FAST Static / Fixed Gobo 4
			176-191	Shake SLOW to FAST Static / Fixed Gobo 5
			192-207	Shake SLOW to FAST Static / Fixed Gobo 6
			208-223	Shake SLOW to FAST Static / Fixed Gobo 7
			224-255	*Clockwise Gobo Wheel Rotation from SLOW to FAST
				<b>ROTATING PRISM, PRISM / GOBO MACROS</b>
			0-63	OPEN
			64-127	3-FACET Rotating Prism
			128-135	Prism / Gobo Macro 1
			136-143	Prism / Gobo Macro 2
			144-151	Prism / Gobo Macro 3
			152-159	Prism / Gobo Macro 4
			160-167	Prism / Gobo Macro 5
			168-175	Prism / Gobo Macro 6
			176-183	Prism / Gobo Macro 7
			184-191	Prism / Gobo Macro 8
			192-199	Prism / Gobo Macro 9
			200-207	Prism / Gobo Macro 10
			208-215	Prism / Gobo Macro 11
			216-223	Prism / Gobo Macro 12
			224-231	Prism / Gobo Macro 13
			232-239	Prism / Gobo Macro 14
			240-247	Prism / Gobo Macro 15
			248-255	Prism / Gobo Macro 16
				<b>ROTATING PRISM, PRISM INDEX ROTATION</b>
			0-127	Prism Indexing
			128-189	*Clockwise Linear Prism Rotation from FAST to SLOW
			190-193	NO Rotation
			194-255	*Counterclockwise Linear Prism Rotation from SLOW to FAST
				<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)
				<b>DIMMER INTENSITY</b>
			0-255	Intensity 0 to 100%
				<b>DIMMER INTENSITY FINE [16 BIT]</b>
			0-255	Intensity 0 to 100%
		24		

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BASIC	STAND	EXTEND		
16	18	25		DIMMER CURVE MODES
			0-20	STANDARD
			21-40	STAGE
			41-60	TV
			61-80	ARCHITECTURAL
			81-100	THEATER
17	19	26	101-255	DEFAULT to UNIT CURVE SETTING
				FROST
			0-127	OPEN
18	20	27	128-255	100% Frost
				IRIS
			0-191	MAX to MIN Diameter
			192-223	Pulse Closing FAST to SLOW
19	21	29	224-255	Pulse Closing SLOW to FAST
				IRIS FINE
			0-255	Iris FINE Adjustment
20	22	31		FOCUS
			0-255	Continuous Adjustment from FAR to NEAR
21	23	33		FOCUS FINE
			0-255	Continuous FINE Focus Adjustment
				MOTORIZED ZOOM
22	24	35	0-255	ZOOM Adjustment from SMALL to BIG
				MOTORIZED ZOOM FINE
23	25	37	0-255	ZOOM FINE Adjustment
				BLADE #1
			0-255	OPEN to CLOSE
24	26	39		BLADE #1 FINE [16 BIT]
			0-255	OPEN to CLOSE FINE Adjustment
				BLADE #1 ROTATION
25	27	41	0-255	ROTATION
				BLADE #1 ROTATION FINE [16 BIT]
			0-255	ROTATION FINE Adjustment
26	28	43		BLADE #2
			0-255	OPEN to CLOSE
				BLADE #2 FINE [16 BIT]
27	29	45	0-255	OPEN to CLOSE FINE Adjustment
				BLADE #2 ROTATION
			0-255	ROTATION
28	30	47		BLADE #2 ROTATION FINE [16 BIT]
			0-255	ROTATION FINE Adjustment
				BLADE #3
29	31	49	0-255	OPEN to CLOSE
				BLADE #3 FINE [16 BIT]
			0-255	OPEN to CLOSE FINE Adjustment
30	32	51		BLADE #3 ROTATION
			0-255	ROTATION
				BLADE #3 ROTATION FINE [16 BIT]
31	33	53	0-255	ROTATION FINE Adjustment
				BLADE #4
			0-255	OPEN to CLOSE
32	34	55		BLADE #4 FINE [16 BIT]
			0-255	OPEN to CLOSE FINE Adjustment
				BLADE #4 ROTATION
33	35	57	0-255	ROTATION
				BLADE #4 ROTATION FINE [16 BIT]
			0-255	ROTATION FINE Adjustment
34	36	59		BLADE #4 ROTATION FINE [16 BIT]
			0-255	ROTATION FINE Adjustment
				BLADE #4 ROTATION FINE [16 BIT]
35	37	61	0-255	ROTATION FINE Adjustment
				BLADE #4 ROTATION FINE [16 BIT]
			0-255	ROTATION FINE Adjustment

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BASIC	STAND	EXTEND		
29	31	49		<b>ALL (4) BLADES ROTATION</b>
			0-255	All (4) Blade Rotation
		50		<b>ALL (4) BLADES ROTATION FINE [16 BIT]</b>
			0-255	All (4) Blade FINE Rotation
30	32	51		<b>BLADE SPEED</b>
			0-255	BLADE Speed FAST to SLOW
31	33	52		<b>BLADE MACROS</b>
			0-14	OFF
			15-29	Blade Macro 1
			30-44	Blade Macro 2
			45-59	Blade Macro 3
			60-74	Blade Macro 4
			75-89	Blade Macro 5
			90-104	Blade Macro 6
			105-119	Blade Macro 7
			120-134	Blade Macro 8
			135-149	Blade Macro 9
			150-164	Blade Macro 10
			165-179	Blade Macro 11
			180-194	Blade Macro 12
			195-209	Blade Macro 13
			210-224	Blade Macro 14
225-239	Blade Macro 15			
240-255	Blade Macro 16			
32	34	53		<b>PAN / TILT MOVEMENT SPEED</b>
			0-225	MAX to MIN Speed
			226-235	Blackout by Movement
			236-255	Blackout by COLOR / GOBO Wheel Movement
33	35	54		<b>LAMP ON/OFF, RESET, INTERNAL PROGRAMS</b>
			0-19	GOBO Change Normal
			20-29	COLOR Change to Any Position
			30-39	GOBO Change to Any Position
			40-59	NO FUNCTION
			60-79	NO FUNCTION
			80-84	ALL Motors Reset
			85-87	SCAN Motor Reset
			88-90	COLOR Motors Reset
			91-93	GOBO Motors Reset
			94-96	NO FUNCTION
			97-99	OTHER Motors 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	NO FUNCTION			

**Elation Professional USA** | 6122 S. Eastern Ave. | Los Angeles, CA. 90040

323-582-3322 | 323-832-9142 fax | [www.elationlighting.com](http://www.elationlighting.com) | [info@elationlighting.com](mailto:info@elationlighting.com)

**Elation Professional B.V.** | Junostraat 2 | 6468 EW Kerkrade, The Netherlands

+31 45 546 85 66 | +31 45 546 85 96 fax | [www.elationlighting.eu](http://www.elationlighting.eu) | [info@elationlighting.eu](mailto:info@elationlighting.eu)