

ELATION® SATURA SPOT CMY PRO™
DMX Channel Values / Functions - VERSION 1 (33 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		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 FINE MOVEMENT [16 BIT]
			0-255	Fine Control of TILT Movement
3	5	5		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	CYAN
			128-189	*Clockwise COLOR Rotation from FAST to SLOW
			190-193	NO Rotation
			194-255	*Counterclockwise COLOR Rotation from SLOW to FAST
0-255	Fine Control of COLOR WHEEL Movement			
4	6	7		CYAN COLOR
			0-255	0-BLACK ~ 255-100% CYAN
		8		CYAN COLOR FINE
			0-255	CYAN FINE Adjustment
5	7	9		MAGENTA COLOR
			0-255	0-BLACK ~ 255-100% MAGENTA
		10		MAGENTA COLOR FINE
			0-255	MAGENTA FINE Adjustment
6	8	11		YELLOW COLOR
			0-255	0-BLACK ~ 255-100% YELLOW
		12		YELLOW COLOR FINE
			0-255	YELLOW FINE Adjustment
7	9	13		CTO COLOR
			0-255	0-WHITE ~ 255-100% CTO
		14		CTO COLOR FINE
			0-255	CTO FINE Adjustment
8	10	15		CMY / COLOR MACRO SPEED
			0-255	MAX to MIN Speed

ELATION | **SATURA SPOT CMY PRO™** | **dmx traits**

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BASIC	STAND	EXTEND		
9	11	16		ROTATING GOBO WHEEL, CONTINUOUS ROTATION
			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 GOBO WHEEL, INDEX ROTATION
			0-127	GOBO Indexing
			128-193	*Clockwise GOBO Rotation from FAST TO SLOW
			194-255	*Counterclockwise GOBO Rotation from SLOW to FAST
		18		ROTATING GOBO WHEEL, FINE INDEX ROTATION
			0-255	Gobo Rotation FINE Indexing
11	13	19		FIXED GOBO WHEEL
			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

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BASIC	STAND	EXTEND		
12	14	20		ROTATING PRISM, PRISM / GOBO MACROS
			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			
13	15	21		ROTATING PRISM, INDEX ROTATION
			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
14	16	22		SHUTTER, STROBE
			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)
15	17	23		DIMMER INTENSITY
			0-255	Dimmer Intensity 0 to 100%
16	18	24		DIMMING CURVE MODES
			0-20	Standard
			21-40	Stage
			41-60	TV
			61-80	Architectural
			81-100	Theatre
			101-255	Default to unit setting
17	19	25		FOCUS
			0-255	Continuous Adjustment from FAR to NEAR
		26		FOCUS FINE
			0-255	Continuous Focus FINE Adjustment
18	20	27		MOTORIZED ZOOM
			0-255	ZOOM Adjustment from SMALL to BIG
		28		MOTORIZED ZOOM FINE
			0-255	Zoom FINE Adjustment

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BASIC	STAND	EXTEND		
19	21	29		FROST
			0-127	Open
			128-255	100% Frost
20	22	30		IRIS
			0-191	MAX to MIN Diameter
			192-223	Pulse Opening FAST to SLOW
			224-255	Pulse Closing SLOW to FAST
		31		IRIS FINE
		0-255		Iris FINE Adjustment
21	23	32		PAN / TILT MOVEMENT SPEED
			0-225	MAX to MIN Speed
			226-235	BLACKOUT by Movement
			236-255	NO Function
22	24	33		LAMP ON/OFF, RESET, INTERNAL PROGRAMS
			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 MOTOR Reset
			85-87	SCAN MOTOR Reset
			88-90	COLOR MOTOR Reset
			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		NO Function

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