

ELATION® ARTISTE DAVINCI™
DMX Channel Values / Functions (40 DMX Channels)

Supports Software Versions: ≥ 1.2.0

Features are subject to change without any prior written notice.

**Rotation direction (Clockwise or Counterclockwise) of effects depends on orientation of the fixture head and Pan/Tilt settings.*

MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
1	1	1		PAN MOVEMENT
			0-255	PAN Movement
	2	2		PAN FINE MOVEMENT [16 BIT]
			0-255	Fine Control of PAN Movement
2	3	3		TILT MOVEMENT
			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
		6		CYAN COLOR FINE [16 BIT]
			0-255	CYAN FINE Adjustment
4	6	7		MAGENTA COLOR
			0-255	0-WHITE ~ 255-100% MAGENTA
		8		MAGENTA COLOR FINE [16 BIT]
			0-255	MAGENTA FINE Adjustment
5	7	9		YELLOW COLOR
			0-255	0-WHITE ~ 255-100% YELLOW
		10		YELLOW COLOR FINE [16 BIT]
			0-255	YELLOW FINE Adjustment
6	8	11		CTO COLOR
			0-255	0-WHITE ~ 255-100% CTO
		12		CTO COLOR FINE [16 BIT]
			0-255	CTO FINE Adjustment
7	9	13		COLOR WHEEL
			0-15	OPEN / WHITE
			16-31	RED
			32-47	BLUE
			48-63	GREEN
			64-79	LIGHT YELLOW
			80-95	HALF MINUS GREEN
			96-111	CTB
			112-127	VIOLET
			128-189	*Clockwise COLOR Rotation from FAST to SLOW
			190-193	NO Rotation
194-255	*Counterclockwise COLOR Rotation from SLOW to FAST			
		14		COLOR WHEEL FINE ADJUSTMENT [16 BIT]
			0-255	FINE Adjustment of Color Wheel to Any Position
8	10	15		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
			190-221	*Clockwise Gobo Wheel Rotation from FAST to SLOW
222-223	RESERVED			
224-255	*Counterclockwise Gobo Wheel Rotation from SLOW to FAST			
9	11	16		ROTATING GOBOS, INDEX ROTATION [GOBO WHEEL 1]
			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

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BASIC	STAND	EXTEND		
		17		ROTATING GOBOS, FINE INDEX ROTATION [GOBO WHEEL 1] [16 BIT]
			0-255	Gobo Rotation FINE Indexing
				STATIC / FIXED GOBOS [GOBO WHEEL 2]
			0-9	OPEN
			10-19	Static / Fixed Gobo 1
			20-29	Static / Fixed Gobo 2
			30-39	Static / Fixed Gobo 3
			40-49	Static / Fixed Gobo 4
			50-59	Static / Fixed Gobo 5
			60-69	Static / Fixed Gobo 6
			70-79	Static / Fixed Gobo 7
			80-89	Static / Fixed Gobo 8
			90-99	Static / Fixed Gobo 9
10	12	18	100-109	Shake SLOW to FAST Static / Fixed Gobo 1
			110-119	Shake SLOW to FAST Static / Fixed Gobo 2
			120-129	Shake SLOW to FAST Static / Fixed Gobo 3
			130-139	Shake SLOW to FAST Static / Fixed Gobo 4
			140-149	Shake SLOW to FAST Static / Fixed Gobo 5
			150-159	Shake SLOW to FAST Static / Fixed Gobo 6
			160-169	Shake SLOW to FAST Static / Fixed Gobo 7
			170-179	Shake SLOW to FAST Static / Fixed Gobo 8
			180-189	Shake SLOW to FAST Static / Fixed Gobo 9
			190-221	*Clockwise Gobo Wheel Rotation from FAST to SLOW
			222-223	NO
			224-255	*Counterclockwise Gobo Wheel Rotation from SLOW to FAST
		19		STATIC / FIXED GOBOS, FINE INDEX ROTATION [GOBO WHEEL 2] [16 BIT]
			0-255	Gobo Rotation FINE Indexing
				ROTATING PRISM, PRISM / GOBO MACROS
			0-31	OPEN
			32-79	3-FACET PRISM
			80-127	LINEAR 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
		21		ROTATING PRISM, 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
		22		ROTATING PRISM, PRISM FINE INDEX ROTATION [16 BIT]
			0-255	Gobo Rotation FINE Indexing
13	15	23		FOCUS
			0-255	Continuous Adjustment from NEAR to FAR
		24		FOCUS FINE [16 BIT]
			0-255	Continuous FINE Focus Adjustment

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BASIC	STAND	EXTEND		
14	16	25		MOTORIZED ZOOM
			0-255	ZOOM Adjustment from SMALL to BIG
		26		MOTORIZED ZOOM FINE [16 BIT]
			0-255	ZOOM FINE Adjustment
15	17	27		AUTO FOCUS
			0-50	AUTO FOCUS OFF
			51-150	49.2 ft (15m)
			151-255	65.6 ft (20m)
16	18	28		AUTO FOCUS FINE
			0-255	Continuous FINE Focus Adjustment
17	19	29		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)			
18	20	30		DIMMER INTENSITY
			0-255	Intensity 0 to 100%
		31		DIMMER INTENSITY FINE [16 BIT]
			0-255	Intensity 0 to 100%
19	21	32		DIMMER CURVE MODES
			0-20	STANDARD
			21-40	STAGE
			41-60	TV
			61-80	ARCHITECTURAL
			81-100	THEATER
			101-255	DEFAULT to UNIT CURVE SETTING
20	22	33		IRIS
			0-191	MAX to MIN Diameter
			192-223	Pulse Closing FAST to SLOW
			224-255	Pulse Closing SLOW to FAST
		34		IRIS FINE
			0-255	Iris FINE Adjustment
21	23	35		FROST
			0-255	NO Frost to FULL Frost
22	24	36		ANIMATION WHEEL
			0-7	OPEN
			8-127	*Clockwise Animation Wheel Rotation from FAST to SLOW
			128-135	NO Rotation
			136-255	*Counterclockwise Animation Wheel Rotation from SLOW to FAST

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MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
23	25	37		CMY / COLOR MACRO SPEED
			0-255	MAX to MIN Speed
24	26	38		CMY / COLOR MACROS
			0-31	OFF
			32-39	Macro 1
			40-47	Macro 2
			48-55	Macro 3
			56-63	Macro 4
			64-71	Macro 5
			72-79	Macro 6
			80-87	Macro 7
			88-95	Macro 8
			96-103	Macro 9
			104-111	Macro 10
			112-119	Macro 11
			120-127	Macro 12
			128-135	Macro 13
			136-143	Macro 14
			144-151	Macro 15
			152-159	Macro 16
			160-167	Macro 17
			168-175	Macro 18
			176-183	Macro 19
			184-191	Macro 20
			192-199	Macro 21
			200-207	Macro 22
			208-215	Macro 23
			216-223	Macro 24
			224-231	Macro 25
			232-239	Macro 26
240-247	Macro 27			
248-255	RANDOM CMY			
25	27	39		PAN / TILT MOVEMENT SPEED
			0-225	MAX to MIN Speed
			226-235	Blackout by Movement
			236-245	Blackout by ALL Wheel Movement
			246-255	NO FUNCTION
26	28	40		LAMP ON/OFF, RESET, INTERNAL PROGRAMS
			0-19	COLOR Change Normal
			20-29	COLOR Change to Any Position
			30-39	COLOR & 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
			120-139	Internal Program 2
			140-159	Internal Program 3
			160-179	Internal Program 4
			180-199	Internal Program 5
			200-219	Internal Program 6
			220-239	Internal Program 7
			240-255	RESERVED