

ELATION® PROTEUS HYBRID™
DMX Channel Values / Functions (37 DMX Channels)

Supports Software Versions: ≥ 1.5.0

Features 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
			16-23	RED
			24-31	BLUE
			32-39	GREEN
			40-47	YELLOW
			48-55	PURPLE
			56-63	AQUA
			64-71	ORANGE
			72-79	LIGHT PINK
			80-87	LIME GREEN
			88-95	LIGHT YELLOW
			96-103	MAGENTA
			104-111	CTB
			112-119	CTO
			120-127	UV
			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

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BASIC	STAND	EXTEND		
8	10	15		ROTATING GOBOS, CONTINUOUS ROTATION [GOBO WHEEL 1]
			0-10	BEAM MODE OPEN
			11-21	SPOT MODE OPEN
			22-31	Rotating Gobo 1
			32-41	Rotating Gobo 2
			42-51	Rotating Gobo 3
			52-61	Rotating Gobo 4
			62-71	Rotating Gobo 5
			72-81	Rotating Gobo 6
			82-91	Rotating Gobo 7
			92-101	Rotating Gobo 8
			102-112	Gobo 1 Shake SLOW to FAST
			113-123	Gobo 2 Shake SLOW to FAST
			124-134	Gobo 3 Shake SLOW to FAST
			135-145	Gobo 4 Shake SLOW to FAST
			146-156	Gobo 5 Shake SLOW to FAST
			157-167	Gobo 6 Shake SLOW to FAST
			168-178	Gobo 7 Shake SLOW to FAST
			179-189	Gobo 8 Shake SLOW to FAST
			190-221	*Clockwise Gobo Wheel Rotation from FAST to SLOW
222-223	NO Rotation			
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
		17		ROTATING GOBOS, FINE INDEX ROTATION [GOBO WHEEL 1] [16 BIT]
			0-255	Gobo Rotation FINE Indexing

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BASIC	STAND	EXTEND		
10	12	18		STATIC / FIXED GOBOS [GOBO WHEEL 2]
			0-7	OPEN
			8-14	Static / Fixed Gobo 1
			15-21	Static / Fixed Gobo 2
			22-28	Static / Fixed Gobo 3
			29-35	Static / Fixed Gobo 4
			36-42	Static / Fixed Gobo 5
			43-49	Static / Fixed Gobo 6
			50-56	Static / Fixed Gobo 7
			57-63	Static / Fixed Gobo 8
			64-70	Static / Fixed Gobo 9
			71-77	Static / Fixed Gobo 10
			78-84	Static / Fixed Gobo 11
			85-91	Static / Fixed Gobo 12
			92-98	Static / Fixed Gobo 13
			99-105	Static / Fixed Gobo 14
			106-111	Shake SLOW to FAST Static / Fixed Gobo 1
			112-117	Shake SLOW to FAST Static / Fixed Gobo 2
			118-123	Shake SLOW to FAST Static / Fixed Gobo 3
			124-129	Shake SLOW to FAST Static / Fixed Gobo 4
			130-135	Shake SLOW to FAST Static / Fixed Gobo 5
			136-141	Shake SLOW to FAST Static / Fixed Gobo 6
			142-147	Shake SLOW to FAST Static / Fixed Gobo 7
			148-153	Shake SLOW to FAST Static / Fixed Gobo 8
			154-159	Shake SLOW to FAST Static / Fixed Gobo 9
			160-165	Shake SLOW to FAST Static / Fixed Gobo 10
			166-171	Shake SLOW to FAST Static / Fixed Gobo 11
			172-177	Shake SLOW to FAST Static / Fixed Gobo 12
			178-183	Shake SLOW to FAST Static / Fixed Gobo 13
			184-189	Shake SLOW to FAST Static / Fixed Gobo 14
			190-221	*Clockwise Gobo Wheel Rotation from FAST to SLOW
			222-223	NO ROTATION
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
11	13	20		ROTATING PRISM, PRISM / GOBO MACROS
			0-31	OPEN
			32-64	8-FACET PRISM
			65-94	LINE PRISM
			95-127	8-FACET + LINE PRISMS
			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			

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BASIC	STAND	EXTEND		
12	14	21		ROTATING PRISM, PRISM INDEX ROTATION
			0-127	Prism Indexing
			128-189	*Clockwise Prism Rotation from FAST to SLOW
			190-193	NO Rotation
		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 Adjustment
14	16	25		ZOOM
			0-255	Continuous Adjustment from NEAR to FAR
		26		ZOOM FINE [16 BIT]
			0-255	Continuous FINE Adjustment
15	17	27		AUTO FOCUS
			0-50	Auto Focus OFF
			51-150	49 feet 15m
			151-255	65 feet 20m
16	18	28		AUTO FOCUS FINE [16 BIT]
			0-255	Auto Focus Continuous FINE 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		FROST
			0-127	Disable FROST
			128-255	Enable FROST
20	22	33		ANIMATION WHEEL
			0-7	CLOSE
			8-127	*Clockwise Rotation FAST to SLOW
			128-135	NO ROTATION
			136-255	*Counterclockwise from SLOW to FAST
21	23	34		CMY SPEED
			0-255	Speed MAX to MIN

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BASIC	STAND	EXTEND		
22	24	35		CMY MACROS
			0-31	OFF
			32-39	Macro 01
			40-47	Macro 02
			48-55	Macro 03
			56-63	Macro 04
			64-71	Macro 05
			72-79	Macro 06
			80-87	Macro 07
			88-95	Macro 08
			96-103	Macro 09
			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			
23	25	36		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
24	26	37		LAMP ON/OFF, RESET, INTERNAL PROGRAMS
			0-19	COLOR Change Normal
			20-29	COLOR Change to Any Position
			30-39	COLOR and FIXED GOBO Change to Any Position
			40-59	LAMP ON
			60-79	LAMP SWITCH OFF
			80-84	ALL Motors Reset
			85-87	SCAN Motor Reset
			88-90	COLOR Motors Reset
			91-93	GOBO Motors Reset
			94-96	SHUTTER and DIMMER Motor Reset
			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	NO FUNCTION

Elation Professional USA | 6122 S. Eastern Ave. | Los Angeles, CA. 90040
 323-582-3322 | 323-832-9142 fax | www.elationlighting.com | 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 | info@elationlighting.eu