

ELATION© PROTEUS BEAM™				
DMX Channel Values / Functions (30 DMX Channels)				
Supports Software Versions: ≥ 1.4.0				
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		COLOR WHEEL
			0-10	OPEN / WHITE
			11-19	RED
			20-28	BLUE
			29-37	GREEN
			38-46	YELLOW
			47-55	PINK
			56-64	ORANGE
			65-73	AQUA
			74-82	LIGHT PINK
			83-91	CYAN
			92-100	MAGENTA
			101-109	CTB
			110-118	CTO
			119-127	UV
			128-189	*Counterclockwise COLOR Rotation from FAST to SLOW
190-193	NO Rotation			
194-255	*Clockwise COLOR Rotation from SLOW to FAST			
		12		COLOR WHEEL FINE ADJUSTMENT [16 BIT]
			0-255	FINE Adjustment of Color Wheel to Any Position

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MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
7	9	13		ROTATING GOBOS, CONTINUOUS ROTATION [GOBO WHEEL 1]
			0-21	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
			190-223	*Clockwise Gobo Wheel Rotation from FAST to SLOW
			224-255	*Counterclockwise Gobo Wheel Rotation from SLOW to FAST
8	10	14		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
		15		ROTATING GOBOS, FINE INDEX ROTATION [GOBO WHEEL 1] [16 BIT]
			0-255	Gobo Rotation FINE Indexing

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BASIC	STAND	EXTEND		
9	11	16		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	Shake SLOW to FAST Static / Fixed Gobo 1
			106-112	Shake SLOW to FAST Static / Fixed Gobo 2
			113-119	Shake SLOW to FAST Static / Fixed Gobo 3
			120-126	Shake SLOW to FAST Static / Fixed Gobo 4
			127-133	Shake SLOW to FAST Static / Fixed Gobo 5
			134-140	Shake SLOW to FAST Static / Fixed Gobo 6
			141-147	Shake SLOW to FAST Static / Fixed Gobo 7
			148-154	Shake SLOW to FAST Static / Fixed Gobo 8
			155-161	Shake SLOW to FAST Static / Fixed Gobo 9
			162-168	Shake SLOW to FAST Static / Fixed Gobo 10
			169-175	Shake SLOW to FAST Static / Fixed Gobo 11
176-182	Shake SLOW to FAST Static / Fixed Gobo 12			
183-189	Shake SLOW to FAST Static / Fixed Gobo 13			
190-221	*Clockwise Gobo Wheel Rotation from FAST to SLOW			
222-223	NO ROTATION			
224-255	*Counterclockwise Gobo Wheel Rotation from SLOW to FAST			
		17		STATIC / FIXED GOBOS, FINE INDEX ROTATION [GOBO WHEEL 2] [16 BIT]
			0-255	Gobo Rotation FINE Indexing
10	12	18		ROTATING PRISM, PRISM / GOBO MACROS
			0-31	OPEN
			32-63	5-FACET PRISM
			64-95	32-FACET PRISM
			96-127	5-FACET + 32-FACET 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		
11	13	19		ROTATING PRISM, PRISM INDEX ROTATION
			0-127	Prism Indexing
			128-189	*Clockwise Prism Rotation from FAST to SLOW
			190-193	NO Rotation
		20		ROTATING PRISM, PRISM FINE INDEX ROTATION [16 BIT]
			0-255	Gobo Rotation FINE Indexing
12	14	21		FOCUS
			0-255	Continuous Adjustment from NEAR to FAR
		22		FOCUS FINE [16 BIT]
			0-255	Continuous FINE Adjustment from NEAR to FAR
13	15	23		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)			
14	16	24		DIMMER INTENSITY
			0-255	Intensity 0 to 100%
		25		DIMMER INTENSITY FINE [16 BIT]
			0-255	Intensity 0 to 100%
15	17	26		FROST
			0-127	Disable FROST
			128-255	Enable FROST

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MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
16	18	27		CMY COLOR MACRO SPEED
			0-255	CMY Color Macro Speed MIN to MAX
17	19	28		CMY COLOR 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			
18	20	29		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
19	21	30		LAMP ON/OFF, RESET, INTERNAL PROGRAMS
			0-19	COLOR Change Normal
			20-39	COLOR 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 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			

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