

ELATION® ACL 360 MATRIX™				
DMX Channel Values / Functions Version 1 (115 DMX Channels)				
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*Pixel control position depends on the specific Pan/Tilt position of the head.				
MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
1	1	1		PAN MOVEMENT [8 BIT]
			0-255	PAN Movement 630/540
	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		PAN CONTINUOUS MOVEMENT
			0-127	NO FUNCTION
			128-189	PAN Clockwise from FAST to SLOW
			190-193	NO Rotation
			194-255	PAN Counter-Clockwise from SLOW to FAST
4	6	6		TILT CONTINUOUS MOVEMENT
			0-127	NO FUNCTION
			128-189	TILT Clockwise from FAST to SLOW
			190-193	NO Rotation
			194-255	TILT Counter-Clockwise from SLOW to FAST
5	7			RED (ALL LEDs)
			0-255	0 to 100%
6	8			GREEN (ALL LEDs)
			0-255	0 to 100%
7	9			BLUE (ALL LEDs)
			0-255	0 to 100%
8	10			WHITE (ALL LEDs)
			0-255	BLUE FINE Adjustment
		7		*RED - LED 1
			0-255	0 to 100%
		8		*GREEN - LED 1
			0-255	0 to 100%
		9		*BLUE - LED 1
			0-255	0 to 100%
		10		*WHITE - LED 1
			0-255	0 to 100%
		11		*RED - LED 2
			0-255	0 to 100%
		12		*GREEN - LED 2
			0-255	0 to 100%
		13		*BLUE - LED 2
			0-255	0 to 100%
		14		*WHITE - LED 2
			0-255	0 to 100%
		15		*RED - LED 3
			0-255	0 to 100%
		16		*GREEN - LED 3
			0-255	0 to 100%
		17		*BLUE - LED 3
			0-255	0 to 100%
		18		*WHITE - LED 3
			0-255	0 to 100%
		19		*RED - LED 4
			0-255	0 to 100%
		20		*GREEN - LED 4
			0-255	0 to 100%
		21		*BLUE - LED 4
			0-255	0 to 100%
		22		*WHITE - LED 4
			0-255	0 to 100%
		23		*RED - LED 5
			0-255	0 to 100%
		24		*GREEN - LED 5
			0-255	0 to 100%
		25		*BLUE - LED 5
			0-255	0 to 100%
		26		*WHITE - LED 5
			0-255	0 to 100%

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BASIC	STAND	EXTEND		
		27	*RED - LED 6	0 to 100%
			0-255	0 to 100%
		28	*GREEN - LED 6	0 to 100%
			0-255	0 to 100%
		29	*BLUE - LED 6	0 to 100%
			0-255	0 to 100%
		30	*WHITE - LED 6	0 to 100%
			0-255	0 to 100%
		31	*RED - LED 7	0 to 100%
			0-255	0 to 100%
		32	*GREEN - LED 7	0 to 100%
			0-255	0 to 100%
		33	*BLUE - LED 7	0 to 100%
			0-255	0 to 100%
		34	*WHITE - LED 7	0 to 100%
			0-255	0 to 100%
		35	*RED - LED 8	0 to 100%
			0-255	0 to 100%
		36	*GREEN - LED 8	0 to 100%
			0-255	0 to 100%
		37	*BLUE - LED 8	0 to 100%
			0-255	0 to 100%
		38	*WHITE - LED 8	0 to 100%
			0-255	0 to 100%
		39	*RED - LED 9	0 to 100%
			0-255	0 to 100%
		40	*GREEN - LED 9	0 to 100%
			0-255	0 to 100%
		41	*BLUE - LED 9	0 to 100%
			0-255	0 to 100%
		42	*WHITE - LED 9	0 to 100%
			0-255	0 to 100%
		43	*RED - LED 10	0 to 100%
			0-255	0 to 100%
		44	*GREEN - LED 10	0 to 100%
			0-255	0 to 100%
		45	*BLUE - LED 10	0 to 100%
			0-255	0 to 100%
		46	*WHITE - LED 10	0 to 100%
			0-255	0 to 100%
		47	*RED - LED 11	0 to 100%
			0-255	0 to 100%
		48	*GREEN - LED 11	0 to 100%
			0-255	0 to 100%
		49	*BLUE - LED 11	0 to 100%
			0-255	0 to 100%
		50	*WHITE - LED 11	0 to 100%
			0-255	0 to 100%
		51	*RED - LED 12	0 to 100%
			0-255	0 to 100%
		52	*GREEN - LED 12	0 to 100%
			0-255	0 to 100%
		53	*BLUE - LED 12	0 to 100%
			0-255	0 to 100%
		54	*WHITE - LED 12	0 to 100%
			0-255	0 to 100%
		55	*RED - LED 13	0 to 100%
			0-255	0 to 100%
		56	*GREEN - LED 13	0 to 100%
			0-255	0 to 100%
		57	*BLUE - LED 13	0 to 100%
			0-255	0 to 100%
		58	*WHITE - LED 13	0 to 100%
			0-255	0 to 100%

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BASIC	STAND	EXTEND		
		59	*RED - LED 14	0 to 100%
			0-255	0 to 100%
		60	*GREEN - LED 14	0 to 100%
			0-255	0 to 100%
		61	*BLUE - LED 14	0 to 100%
			0-255	0 to 100%
		62	*WHITE - LED 14	0 to 100%
			0-255	0 to 100%
		63	*RED - LED 15	0 to 100%
			0-255	0 to 100%
		64	*GREEN - LED 15	0 to 100%
			0-255	0 to 100%
		65	*BLUE - LED 15	0 to 100%
			0-255	0 to 100%
		66	*WHITE - LED 15	0 to 100%
			0-255	0 to 100%
		67	*RED - LED 16	0 to 100%
			0-255	0 to 100%
		68	*GREEN - LED 16	0 to 100%
			0-255	0 to 100%
		69	*BLUE - LED 16	0 to 100%
			0-255	0 to 100%
		70	*WHITE - LED 16	0 to 100%
			0-255	0 to 100%
		71	*RED - LED 17	0 to 100%
			0-255	0 to 100%
		72	*GREEN - LED 17	0 to 100%
			0-255	0 to 100%
		73	*BLUE - LED 17	0 to 100%
			0-255	0 to 100%
		74	*WHITE - LED 17	0 to 100%
			0-255	0 to 100%
		75	*RED - LED 18	0 to 100%
			0-255	0 to 100%
		76	*GREEN - LED 18	0 to 100%
			0-255	0 to 100%
		77	*BLUE - LED 18	0 to 100%
			0-255	0 to 100%
		78	*WHITE - LED 18	0 to 100%
			0-255	0 to 100%
		79	*RED - LED 19	0 to 100%
			0-255	0 to 100%
		80	*GREEN - LED 19	0 to 100%
			0-255	0 to 100%
		81	*BLUE - LED 19	0 to 100%
			0-255	0 to 100%
		82	*WHITE - LED 19	0 to 100%
			0-255	0 to 100%
		83	*RED - LED 20	0 to 100%
			0-255	0 to 100%
		84	*GREEN - LED 20	0 to 100%
			0-255	0 to 100%
		85	*BLUE - LED 20	0 to 100%
			0-255	0 to 100%
		86	*WHITE - LED 20	0 to 100%
			0-255	0 to 100%
		87	*RED - LED 21	0 to 100%
			0-255	0 to 100%
		88	*GREEN - LED 21	0 to 100%
			0-255	0 to 100%
		89	*BLUE - LED 21	0 to 100%
			0-255	0 to 100%
		90	*WHITE - LED 21	0 to 100%
			0-255	0 to 100%

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BASIC	STAND	EXTEND		
		91		*RED - LED 22
			0-255	0 to 100%
		92		*GREEN - LED 22
			0-255	0 to 100%
		93		*BLUE - LED 22
			0-255	0 to 100%
		94		*WHITE - LED 22
			0-255	0 to 100%
		95		*RED - LED 23
			0-255	0 to 100%
		96		*GREEN - LED 23
			0-255	0 to 100%
		97		*BLUE - LED 23
			0-255	0 to 100%
		98		*WHITE - LED 23
			0-255	0 to 100%
		99		*RED - LED 24
			0-255	0 to 100%
		100		*GREEN - LED 24
			0-255	0 to 100%
		101		*BLUE - LED 24
			0-255	0 to 100%
		102		*WHITE - LED 24
			0-255	0 to 100%
		103		*RED - LED 25
			0-255	0 to 100%
		104		*GREEN - LED 25
			0-255	0 to 100%
		105		*BLUE - LED 25
			0-255	0 to 100%
		106		*WHITE - LED 25
			0-255	0 to 100%

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MODE / CHANNEL			FUNCTION
BASIC	STAND	EXTEND	VALUE
9	11	107	COLOR MACROS
			0 OFF
			1-4 COLOR MACRO 01
			5-8 COLOR MACRO 02
			9-12 COLOR MACRO 03
			13-16 COLOR MACRO 04
			17-20 COLOR MACRO 05
			21-24 COLOR MACRO 06
			25-28 COLOR MACRO 07
			29-32 COLOR MACRO 08
			33-36 COLOR MACRO 09
			37-40 COLOR MACRO 10
			41-44 COLOR MACRO 11
			45-48 COLOR MACRO 12
			49-52 COLOR MACRO 13
			53-56 COLOR MACRO 14
			57-60 COLOR MACRO 15
			61-64 COLOR MACRO 16
			65-68 COLOR MACRO 17
			69-72 COLOR MACRO 18
			73-76 COLOR MACRO 19
			77-80 COLOR MACRO 20
			81-84 COLOR MACRO 21
			85-88 COLOR MACRO 22
			89-92 COLOR MACRO 23
			93-96 COLOR MACRO 24
			97-100 COLOR MACRO 25
			101-104 COLOR MACRO 26
			105-108 COLOR MACRO 27
			109-112 COLOR MACRO 28
			113-116 COLOR MACRO 29
			117-120 COLOR MACRO 30
			121-124 COLOR MACRO 31
			125-128 COLOR MACRO 32
			129-132 COLOR MACRO 33
			133-136 COLOR MACRO 34
			137-140 COLOR MACRO 35
			141-144 COLOR MACRO 36
			145-148 COLOR MACRO 37
			149-152 COLOR MACRO 38
			153-156 COLOR MACRO 39
			157-160 COLOR MACRO 40
			161-164 COLOR MACRO 41
			165-168 COLOR MACRO 42
			169-172 COLOR MACRO 43
			173-176 COLOR MACRO 44
			177-180 COLOR MACRO 45
			181-184 COLOR MACRO 46
			185-188 COLOR MACRO 47
			189-192 COLOR MACRO 48
			193-196 COLOR MACRO 49
			197-200 COLOR MACRO 50
			201-204 COLOR MACRO 51
			205-208 COLOR MACRO 52
			209-212 COLOR MACRO 53
			213-216 COLOR MACRO 54
			217-220 COLOR MACRO 55
			221-224 COLOR MACRO 56
			225-228 COLOR MACRO 57
			229-232 COLOR MACRO 58
			233-236 COLOR MACRO 59
			237-240 COLOR MACRO 60
			241-244 COLOR MACRO 61
			245-248 COLOR MACRO 62
249-252 COLOR MACRO 63			
253-255 COLOR MACRO 64			

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MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
10	12	108		FLASH / STROBE
			0-31	LEDs OFF
			32-63	LEDs ON
			64-95	Strobe Effect SLOW to FAST
			96-127	LEDs ON
			128-159	Pulse Effect in Sequences
			160-191	LEDs ON
			192-223	Random Strobe Effect SLOW to FAST
			224-255	LEDs ON
11	13	109		DIMMER INTENSITY
			0-255	Intensity 0 to 100%
12	14	110		DIMMER INTENSITY FINE
			0-255	Dimmer Intensity FINE Adjustment
13	15	111		AUTO PROGRAM MACROS
			0	NO FUNCTION
			1-10	PROGRAM MACRO 01
			11-20	PROGRAM MACRO 02
			21-30	PROGRAM MACRO 03
			31-40	PROGRAM MACRO 04
			41-50	PROGRAM MACRO 05
			51-60	PROGRAM MACRO 06
			61-70	PROGRAM MACRO 07
			71-80	PROGRAM MACRO 08
			81-90	PROGRAM MACRO 09
			91-100	PROGRAM MACRO 10
			101-110	PROGRAM MACRO 11
			111-120	PROGRAM MACRO 12
			121-130	PROGRAM MACRO 13
			131-140	PROGRAM MACRO 14
			141-150	PROGRAM MACRO 15
			151-160	PROGRAM MACRO 16
			161-170	PROGRAM MACRO 17
			171-180	PROGRAM MACRO 18
			181-190	PROGRAM MACRO 19
			191-200	PROGRAM MACRO 20
			201-210	PROGRAM MACRO 21
			211-220	PROGRAM MACRO 22
			221-230	PROGRAM MACRO 23
231-240	PROGRAM MACRO 24			
241-250	PROGRAM MACRO 25			
			251-255	Gradient Effect
14	16	112		AUTO PROGRAM MACRO SPEED
			0-255	Auto Program Macro Speed SLOW to FAST
15	17	113		DIMMING CURVE MODES
			0-20	STANDARD
			21-40	STAGE
			41-60	TV
			61-80	ARCHITECTURAL
			81-100	THEATRE
			101-255	Default to Unit Setting
16	18	114		PAN / TILT MOVEMENT SPEED
			0-225	MAX to MIN SPEED
			226-235	Blackout By Movement
			236-255	NO FUNCTION
17	19	115		LAMP ON/OFF, RESET, INTERNAL PROGRAMS
			0-79	Normal
			80-84	ALL Motor Reset
			85-99	NO FUNCTION
			100-119	Internal Program 1 (scene1--8 of EEPROM)
			120-139	Internal Program 2 (scene9--16 of EEPROM)
			140-159	Internal Program 3 (scene17--24 of EEPROM)
			160-179	Internal Program 4 (scene25--32 of EEPROM)
			180-199	Internal Program 5 (scene33--40 of EEPROM)
			200-219	Internal Program 6 (scene41--48 of EEPROM)
			220-239	Internal Program 7 (scene49--56 of EEPROM)
			240-255	NO FUNCTION

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