

ELATION® ACL 360 ROLLER™

DMX Channel Values / Functions Version 1 (95 DMX Channels)

Specifications are subject to change without any prior written notice.

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
				PAN Counter-Clockwise from SLOW to FAST
				TILT CONTINUOUS MOVEMENT
			0-127	NO FUNCTION
			128-189	TILT Clockwise from FAST to SLOW
4	6	6	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%

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BASIC	STAND	EXTEND		
		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%
		27		*RED - LED 6
			0-255	0 to 100%
		28		*GREEN - LED 6
			0-255	0 to 100%
		29		*BLUE - LED 6
			0-255	0 to 100%
		30		*WHITE - LED 6
			0-255	0 to 100%

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BASIC	STAND	EXTEND		
		31		*RED - LED 7
			0-255	0 to 100%
		32		*GREEN - LED 7
			0-255	0 to 100%
		33		*BLUE - LED 7
			0-255	0 to 100%
		34		*WHITE - LED 7
			0-255	0 to 100%
		35		*RED - LED 8
			0-255	0 to 100%
		36		*GREEN - LED 8
			0-255	0 to 100%
		37		*BLUE - LED 8
			0-255	0 to 100%
		38		*WHITE - LED 8
			0-255	0 to 100%
		39		*RED - LED 9
			0-255	0 to 100%
		40		*GREEN - LED 9
			0-255	0 to 100%
		41		*BLUE - LED 9
			0-255	0 to 100%
		42		*WHITE - LED 9
			0-255	0 to 100%
		43		*RED - LED 10
			0-255	0 to 100%
		44		*GREEN - LED 10
			0-255	0 to 100%
		45		*BLUE - LED 10
			0-255	0 to 100%
		46		*WHITE - LED 10
			0-255	0 to 100%
		47		*RED - LED 11
			0-255	0 to 100%
		48		*GREEN - LED 11
			0-255	0 to 100%
		49		*BLUE - LED 11
			0-255	0 to 100%
		50		*WHITE - LED 11
			0-255	0 to 100%

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MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
		51		*RED - LED 12
			0-255	0 to 100%
		52		*GREEN - LED 12
			0-255	0 to 100%
		53		*BLUE - LED 12
			0-255	0 to 100%
		54		*WHITE - LED 12
			0-255	0 to 100%
		55		*RED - LED 13
			0-255	0 to 100%
		56		*GREEN - LED 13
			0-255	0 to 100%
		57		*BLUE - LED 13
			0-255	0 to 100%
		58		*WHITE - LED 13
			0-255	0 to 100%
		59		*RED - LED 14
			0-255	0 to 100%
		60		*GREEN - LED 14
			0-255	0 to 100%
		61		*BLUE - LED 14
			0-255	0 to 100%
		62		*WHITE - LED 14
			0-255	0 to 100%
		63		*RED - LED 15
			0-255	0 to 100%
		64		*GREEN - LED 15
			0-255	0 to 100%
		65		*BLUE - LED 15
			0-255	0 to 100%
		66		*WHITE - LED 15
			0-255	0 to 100%
		67		*RED - LED 16
			0-255	0 to 100%
		68		*GREEN - LED 16
			0-255	0 to 100%
		69		*BLUE - LED 16
			0-255	0 to 100%
		70		*WHITE - LED 16
			0-255	0 to 100%

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MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
		71		*RED - LED 17
			0-255	0 to 100%
		72		*GREEN - LED 17
			0-255	0 to 100%
		73		*BLUE - LED 17
			0-255	0 to 100%
		74		*WHITE - LED 17
			0-255	0 to 100%
		75		*RED - LED 18
			0-255	0 to 100%
		76		*GREEN - LED 18
			0-255	0 to 100%
		77		*BLUE - LED 18
			0-255	0 to 100%
		78		*WHITE - LED 18
			0-255	0 to 100%
		79		*RED - LED 19
			0-255	0 to 100%
		80		*GREEN - LED 19
			0-255	0 to 100%
		81		*BLUE - LED 19
			0-255	0 to 100%
		82		*WHITE - LED 19
			0-255	0 to 100%
		83		*RED - LED 20
			0-255	0 to 100%
		84		*GREEN - LED 20
			0-255	0 to 100%
		85		*BLUE - LED 20
			0-255	0 to 100%
		86		*WHITE - LED 20
			0-255	0 to 100%

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MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
9	11	87		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			

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MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
9	11	87		<b>COLOR MACROS [continued]</b>
			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			
10	12	88		<b>FLASH / STROBE</b>
			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	Random Strobe Effect SLOW to FAST (Each Side x4)
			192-223	Random Strobe Effect SLOW to FAST (Individual LEDs)
224-255	LEDs ON			

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MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
11	13	89		<b>DIMMER INTENSITY</b>
			0-255	Intensity 0 to 100%
12	14	90		<b>DIMMER INTENSITY FINE</b>
			0-255	Dimmer Intensity FINE Adjustment
13	15	91		<b>AUTO PROGRAM MACROS</b>
			0	NO FUNCTION
			1-20	PROGRAM MACRO 01
			21-40	PROGRAM MACRO 02
			41-60	PROGRAM MACRO 03
			61-80	PROGRAM MACRO 04
			81-100	PROGRAM MACRO 05
			101-120	PROGRAM MACRO 06
			121-140	PROGRAM MACRO 07
			141-160	PROGRAM MACRO 08
			161-180	PROGRAM MACRO 09
			181-200	PROGRAM MACRO 10
			201-220	PROGRAM MACRO 11
			221-240	PROGRAM MACRO 12
241-250	PROGRAM MACRO 13			
251-255	PROGRAM MACRO 14			
14	16	92		<b>AUTO PROGRAM MACRO SPEED</b>
			0-255	Auto Program Macro Speed SLOW to FAST
15	17	93		<b>DIMMING CURVE MODES</b>
			0-20	STANDARD
			21-40	STAGE
			41-60	TV
			61-80	ARCHITECTURAL
			81-100	THEATRE
101-255	Default to Unit Setting			
16	18	94		<b>PAN / TILT MOVEMENT SPEED</b>
			0-225	MAX to MIN SPEED
			226-235	Blackout By Movement
236-255	NO FUNCTION			
17	19	95		<b>LAMP ON/OFF, RESET, INTERNAL PROGRAMS</b>
			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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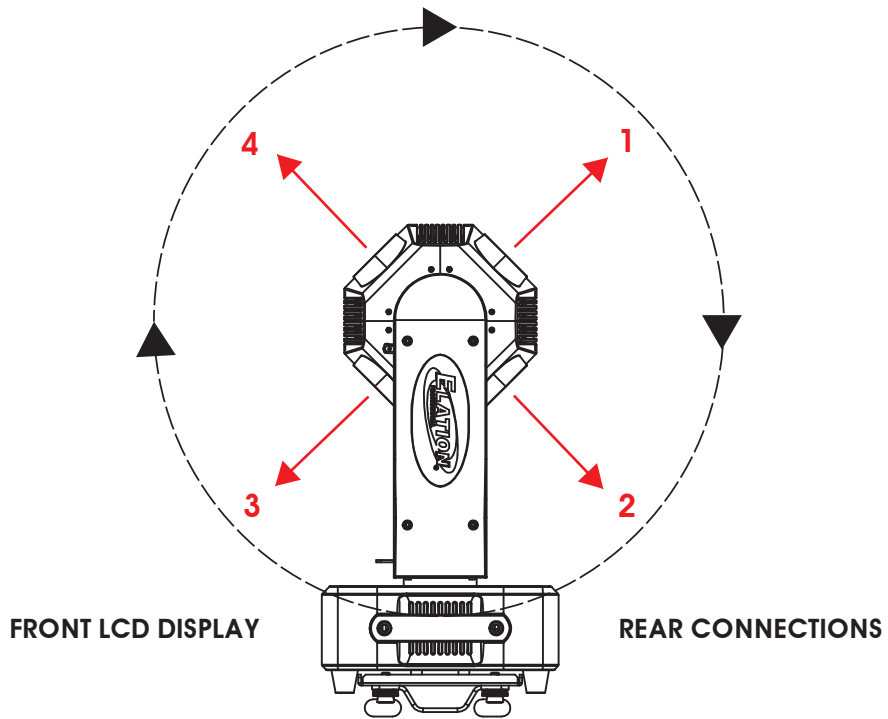
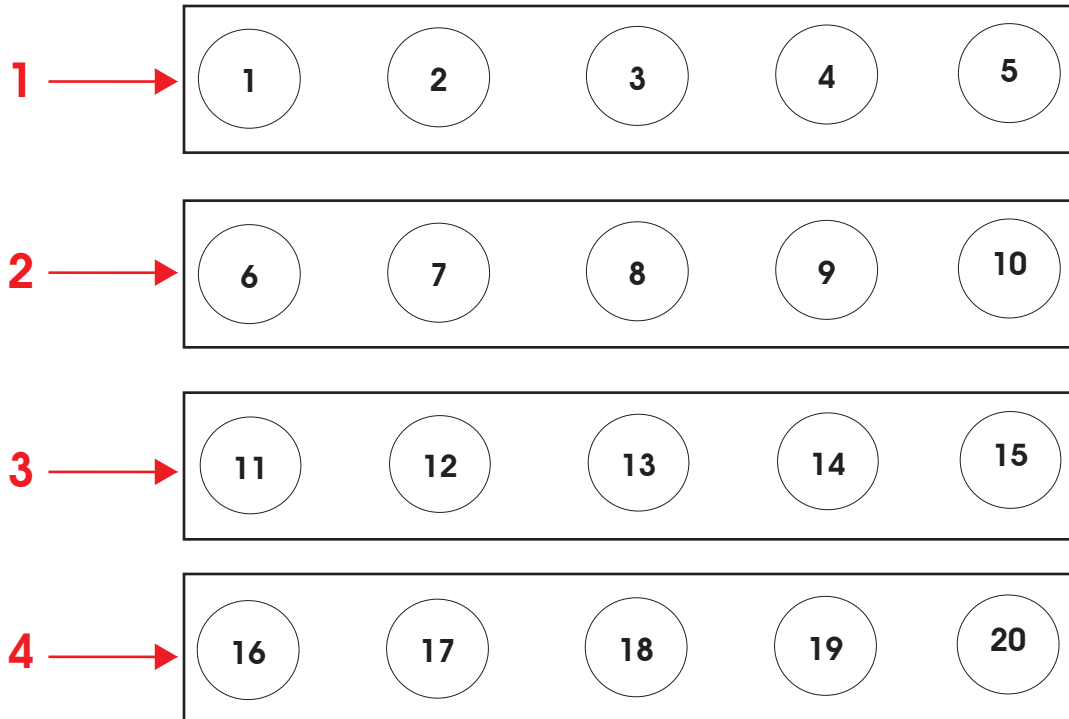
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# ELATION ACL 360 ROLLER LED NUMBER ORIENTATION MAP



**\*IMAGE ABOVE ILLUSTRATES FIXTURE HOME POSITION**