

ELATION© ACL 360i™ - DMX CHANNEL FUNCTIONS AND VALUES	
Software Version \geq 1.04	2
Software Version \geq 1.07	6

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		PAN FINE MOVEMENT [16 BIT]
			0-255	Fine Control of PAN Movement
2	2	3		TILT MOVEMENT [8 BIT]
			0-255	TILT Movement
		4		TILT MOVEMENT [16 BIT]
			0-255	Fine Control of TILT Movement
3	3	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
				TILT CONTINUOUS MOVEMENT
			0-127	NO FUNCTION
			128-189	TILT Clockwise from FAST to SLOW
		6	190-193	NO Rotation
			194-255	TILT Counter-Clockwise from SLOW to FAST
5	5	7		RED
			0-255	0 to 100%
6	6	8		GREEN
			0-255	0 to 100%
7	7	9		BLUE
			0-255	0 to 100%
8	8	10		WHITE
			0-255	0 to 100%

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MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
9	9	11		COLOR PRESETS
			0	OFF
			1-4	COLOR PRESET 01
			5-8	COLOR PRESET 02
			9-12	COLOR PRESET 03
			13-16	COLOR PRESET 04
			17-20	COLOR PRESET 05
			21-24	COLOR PRESET 06
			25-28	COLOR PRESET 07
			29-32	COLOR PRESET 08
			33-36	COLOR PRESET 09
			37-40	COLOR PRESET 10
			41-44	COLOR PRESET 11
			45-48	COLOR PRESET 12
			49-52	COLOR PRESET 13
			53-56	COLOR PRESET 14
			57-60	COLOR PRESET 15
			61-64	COLOR PRESET 16
			65-68	COLOR PRESET 17
			69-72	COLOR PRESET 18
			73-76	COLOR PRESET 19
			77-80	COLOR PRESET 20
			81-84	COLOR PRESET 21
			85-88	COLOR PRESET 22
			89-92	COLOR PRESET 23
			93-96	COLOR PRESET 24
			97-100	COLOR PRESET 25
			101-104	COLOR PRESET 26
			105-108	COLOR PRESET 27
			109-112	COLOR PRESET 28
			113-116	COLOR PRESET 29
			117-120	COLOR PRESET 30
			121-124	COLOR PRESET 31
125-128	COLOR PRESET 32			

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MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
				COLOR PRESETS [continued]
			129-132	COLOR PRESET 33
			133-136	COLOR PRESET 34
			137-140	COLOR PRESET 35
			141-144	COLOR PRESET 36
			145-148	COLOR PRESET 37
			149-152	COLOR PRESET 38
			153-156	COLOR PRESET 39
			157-160	COLOR PRESET 40
			161-164	COLOR PRESET 41
			165-168	COLOR PRESET 42
			169-172	COLOR PRESET 43
			173-176	COLOR PRESET 44
			177-180	COLOR PRESET 45
			181-184	COLOR PRESET 46
			185-188	COLOR PRESET 47
			189-192	COLOR PRESET 48
			193-196	COLOR PRESET 49
			197-200	COLOR PRESET 50
			201-204	COLOR PRESET 51
			205-208	COLOR PRESET 52
			209-212	COLOR PRESET 53
			213-216	COLOR PRESET 54
			217-220	COLOR PRESET 55
			221-224	COLOR PRESET 56
			225-228	COLOR PRESET 57
			229-232	COLOR PRESET 58
			233-236	COLOR PRESET 59
			237-240	COLOR PRESET 60
			241-244	COLOR PRESET 61
			245-248	COLOR PRESET 62
			249-252	COLOR PRESET 63
			253-255	COLOR PRESET 64
				FLASH / STROBE
			0-31	LED OFF
			32-63	LED ON
			64-95	Strobe Effect SLOW to FAST
			96-127	LED ON
			128-159	Pulse Effect in Sequences
			160-223	Random Strobe Effect SLOW to FAST
			224-255	LED ON
				DIMMER INTENSITY
			0-255	Intensity 0 to 100%
				DIMMER INTENSITY FINE
			0-255	Dimmer Intensity FINE Adjustment

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MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
12	13	15		COLOR MACROS
			0	NO FUNCTION
			1-14	LED OFF
			15-30	COLOR MACRO 01
			31-46	COLOR MACRO 02
			47-62	COLOR MACRO 03
			63-78	COLOR MACRO 04
			79-94	COLOR MACRO 05
			95-110	COLOR MACRO 06
			111-126	COLOR MACRO 07
			127-142	COLOR MACRO 08
			143-158	COLOR MACRO 09
			159-174	COLOR MACRO 10
			175-190	COLOR MACRO 11
			191-206	COLOR MACRO 12
207-222	COLOR MACRO 13			
223-238	COLOR MACRO 14			
239-255	COLOR MACRO CROSSFADE			
13	14	16		COLOR MACRO SPEED
			0-255	Auto Program Macro Speed SLOW to FAST
14	15	17		COLOR MACRO FADE
			0-255	0-100%
	16	18		DIMMING CURVE MODES
			0-20	STANDARD
			21-40	STAGE
			41-60	TV
			61-80	ARCHITECTURAL
			81-100	THEATRE
			101-255	Default to Unit Setting
15	17	19		PAN / TILT MOVEMENT SPEED
			0-225	MAX to MIN SPEED
			226-235	Blackout By Movement
			236-255	NO FUNCTION
16	18	20		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)
			120-139	Internal Program 2 (scene9~16)
			140-159	Internal Program 3 (scene17~24)
			160-179	Internal Program 4 (scene25~32)
			180-199	Internal Program 5 (scene33~40)
			200-219	Internal Program 6 (scene41~48)
220-239	Internal Program 7 (scene49~56)			
240-255	NO FUNCTION			

ELATION® ACL 360i™
DMX Channel Values / Functions (17 DMX Channels)

Supports Software Versions: ≥ 1.07

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MODE / CHANNEL		VALUE	FUNCTION
USER A	USER B		
1	1		PAN MOVEMENT [8 BIT]
		0-255	PAN Movement 630/540
2			PAN FINE MOVEMENT [16 BIT]
		0-255	Fine Control of PAN Movement
3	2		TILT MOVEMENT [8 BIT]
		0-255	TILT Movement
4			TILT MOVEMENT [16 BIT]
		0-255	Fine Control of TILT Movement
5	3		SPEED PAN/TILT MOVEMENT
		0-225	MAX to MIN SPEED
		226-235	BLACKOUT by Movement
		236-255	NO FUNCTION
6	4		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
7	5		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
8	6		RED
		0-255	0 to 100%
9	7		GREEN
		0-255	0 to 100%
10	8		BLUE
		0-255	0 to 100%
11	9		WHITE
		0-255	0 to 100%
12	10		SHUTTER / STROBE
		0-31	LED OFF
		32-63	LED ON
		64-95	Strobe Effect SLOW to FAST
		96-127	LED ON
		128-159	Pulse Effect in Sequences
		160-223	Random Strobe Effect SLOW to FAST
		224-255	LED ON
13	11		DIMMER INTENSITY
		0-255	Intensity 0 to 100%

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MODE / CHANNEL		VALUE	FUNCTION
USER A	USER B		
14	12		COLOR MACROS
		0-7	NO FUNCTION
		8-39	from RED to YELLOW
		40-71	from YELLOW to GREEN
		72-103	from GREEN to CYAN
		104-135	from CYAN to BLUE
		136-167	from BLUE to MAGENTA
		168-199	from MAGENTA to RED
		200-231	from RED to WHITE
		232-255	Crossfading Colors from SLOW to FAST
15	13		COLOR PRESETS
		0-4	NO FUNCTION
		5-9	WHITE 2,700K
		10-14	WHITE 3,200K
		15-19	WHITE 4,200K
		20-24	WHITE 5,600K
		25-29	WHITE 6,500K
		30-34	WHITE 8,000K
		35-39	YELLOW
		40-44	MAGENTA
		45-49	CYAN
		50-54	SALMON
		55-59	TURQUOISE
		60-64	LIGHT GREEN
		65-69	STEEL BLUE
		70-74	ORANGE
		75-79	STRAW
		80-84	PALE LAVENDER
		85-89	PINK
		90-94	RED
95-99	GREEN		
100-104	BLUE		
105-109	WHITE		
110-255	RESERVED		
16	14		COLOR PRESETS DIMMER
		0-255	Intensity 100% to 0%

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MODE / CHANNEL		VALUE	FUNCTION
USER A	USER B		
17	15		LAMP ON/OFF, RESET, INTERNAL PROGRAMS
		0-79	Normal
		80-84	ALL Motor Reset
		85-87	Scan Motor Reset
		88-90	NO FUNCTION
		91-93	NO FUNCTION
		94-96	NO FUNCTION
		97-99	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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