

ELATION® CHORUS LINE 16™
DMX Channel Values / Functions Version (78 DMX Channels)

Supports Software Versions: ≥ 1.02

Features are subject to change without any prior written notice.

**Direction of effects and Pixel Control depends on orientation of the fixture head and Tilt/Pixel Flip settings.*

MODE / CHANNEL			VALUE	FUNCTION
BASIC CH: 16	STANDARD CH: 18	EXTEND CH: 78		
1	1	1	0-255	TILT MOVEMENT [8 BIT] TILT Movement [127]
	2	2	0-255	TILT MOVEMENT [16 BIT] Fine Control of TILT Movement [127]
2	3		0-255	RED [ALL LEDs] 0 to 100% [255]
3	4		0-255	GREEN [ALL LEDs] 0 to 100% [255]
4	5		0-255	BLUE [ALL LEDs] 0 to 100% [255]
5	6		0-255	WHITE [ALL LEDs] 0 to 100% [0]
		3	0-255	RED [PIXEL #1] 0 to 100% [255]
		4	0-255	GREEN [PIXEL #1] 0 to 100% [255]
		5	0-255	BLUE [PIXEL #1] 0 to 100% [255]
		6	0-255	WHITE [PIXEL #1] 0 to 100% [0]
		7	0-255	RED [PIXEL #2] 0 to 100% [255]
		8	0-255	GREEN [PIXEL #2] 0 to 100% [255]
		9	0-255	BLUE [PIXEL #2] 0 to 100% [255]
		10	0-255	WHITE [PIXEL #2] 0 to 100% [0]
		11	0-255	RED [PIXEL #3] 0 to 100% [255]
		12	0-255	GREEN [PIXEL #3] 0 to 100% [255]
		13	0-255	BLUE [PIXEL #3] 0 to 100% [255]
		14	0-255	WHITE [PIXEL #3] 0 to 100% [0]
		15	0-255	RED [PIXEL #4] 0 to 100% [255]
		16	0-255	GREEN [PIXEL #4] 0 to 100% [255]
		17	0-255	BLUE [PIXEL #4] 0 to 100% [255]
		18	0-255	WHITE [PIXEL #4] 0 to 100% [0]

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BASIC CH: 16	STANDARD CH: 18	EXTEND CH: 78		
		19	0-255	RED [PIXEL #5] 0 to 100% [255]
		20	0-255	GREEN [PIXEL #5] 0 to 100% [255]
		21	0-255	BLUE [PIXEL #5] 0 to 100% [255]
		22	0-255	WHITE [PIXEL #5] 0 to 100% [0]
		23	0-255	RED [PIXEL #6] 0 to 100% [255]
		24	0-255	GREEN [PIXEL #6] 0 to 100% [255]
		25	0-255	BLUE [PIXEL #6] 0 to 100% [255]
		26	0-255	WHITE [PIXEL #6] 0 to 100% [0]
		27	0-255	RED [PIXEL #7] 0 to 100% [255]
		28	0-255	GREEN [PIXEL #7] 0 to 100% [255]
		29	0-255	BLUE [PIXEL #7] 0 to 100% [255]
		30	0-255	WHITE [PIXEL #7] 0 to 100% [0]
		31	0-255	RED [PIXEL #8] 0 to 100% [255]
		32	0-255	GREEN [PIXEL #8] 0 to 100% [255]
		33	0-255	BLUE [PIXEL #8] 0 to 100% [255]
		34	0-255	WHITE [PIXEL #8] 0 to 100% [0]
		35	0-255	RED [PIXEL #9] 0 to 100% [255]
		36	0-255	GREEN [PIXEL #9] 0 to 100% [255]
		37	0-255	BLUE [PIXEL #9] 0 to 100% [255]
		38	0-255	WHITE [PIXEL #9] 0 to 100% [0]

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MODE / CHANNEL			VALUE	FUNCTION
BASIC CH: 16	STANDARD CH: 18	EXTEND CH: 78		
		39	0-255	RED [PIXEL #10] 0 to 100% [255]
		40	0-255	GREEN [PIXEL #10] 0 to 100% [255]
		41	0-255	BLUE [PIXEL #10] 0 to 100% [255]
		42	0-255	WHITE [PIXEL #10] 0 to 100% [0]
		43	0-255	RED [PIXEL #11] 0 to 100% [255]
		44	0-255	GREEN [PIXEL #11] 0 to 100% [255]
		45	0-255	BLUE [PIXEL #11] 0 to 100% [255]
		46	0-255	WHITE [PIXEL #11] 0 to 100% [0]
		47	0-255	RED [PIXEL #12] 0 to 100% [255]
		48	0-255	GREEN [PIXEL #12] 0 to 100% [255]
		49	0-255	BLUE [PIXEL #12] 0 to 100% [255]
		50	0-255	WHITE [PIXEL #12] 0 to 100% [0]
		51	0-255	RED [PIXEL #13] 0 to 100% [255]
		52	0-255	GREEN [PIXEL #13] 0 to 100% [255]
		53	0-255	BLUE [PIXEL #13] 0 to 100% [255]
		54	0-255	WHITE [PIXEL #13] 0 to 100% [0]
		55	0-255	RED [PIXEL #14] 0 to 100% [255]
		56	0-255	GREEN [PIXEL #14] 0 to 100% [255]
		57	0-255	BLUE [PIXEL #14] 0 to 100% [255]
		58	0-255	WHITE [PIXEL #14] 0 to 100% [0]

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MODE / CHANNEL			VALUE	FUNCTION
BASIC CH: 16	STANDARD CH: 18	EXTEND CH: 78		
		59	0-255	RED [PIXEL #15] 0 to 100% [255]
		60	0-255	GREEN [PIXEL #15] 0 to 100% [255]
		61	0-255	BLUE [PIXEL #15] 0 to 100% [255]
		62	0-255	WHITE [PIXEL #15] 0 to 100% [0]
		63	0-255	RED [PIXEL #16] 0 to 100% [255]
		64	0-255	GREEN [PIXEL #16] 0 to 100% [255]
		65	0-255	BLUE [PIXEL #16] 0 to 100% [255]
		66	0-255	WHITE [PIXEL #16] 0 to 100% [0]
	7	67	8-255	COLOR TEMP 2,700K -7,000K [127]

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MODE / CHANNEL			VALUE	FUNCTION
BASIC CH: 16	STANDARD CH: 18	EXTEND CH: 78		
6	8	68		COLOR PRESETS
			0	OFF [0]
			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 CH: 16	STANDARD CH: 18	EXTEND CH: 78		
6	8	68		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			
7	9	69		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
			160-191	LED ON
			192-223	Random Strobe Effect SLOW to FAST
224-255	LED ON [255]			
8	10	70	0-255	DIMMER INTENSITY Dimmer 0 to 100% [0]
9	11	71	0-255	DIMMER INTENSITY FINE Dimmer FINE Adjustment [0]
10	12	72	0-255	ZOOM Zoom 0% (7 Degrees) to 100% (42 Degrees) [127]

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MODE / CHANNEL			VALUE	FUNCTION
BASIC CH: 16	STANDARD CH: 18	EXTEND CH: 78		
11	13	73		PROGRAM MACROS - NOTE: Color Must Be Selected To Engage Macros.
			0	LEDs ON [0]
			1-14	LEDs OFF
			15-30	PROGRAM MACRO 01
			31-46	PROGRAM MACRO 02
			47-62	PROGRAM MACRO 03
			63-78	PROGRAM MACRO 04
			79-94	PROGRAM MACRO 05
			95-110	PROGRAM MACRO 06
			111-126	PROGRAM MACRO 07
			127-142	PROGRAM MACRO 08
			143-158	PROGRAM MACRO 09
			159-174	PROGRAM MACRO 10
			175-190	PROGRAM MACRO 11
			191-206	PROGRAM MACRO 12
			207-222	PROGRAM MACRO 13
223-238	PROGRAM MACRO 14			
239-255	PROGRAM MACRO 15			
12	14	74	0-255	PROGRAM MACRO SPEED SLOW to FAST Speed [0]
13	15	75		PROGRAM MACRO FADE
			0	OFF [0]
			1-255	LESS to MORE FADE
14	16	76		DIMMING CURVE MODES
			0-20	STANDARD [20]
			21-40	STAGE
			41-60	TV
			61-80	ARCHITECTURAL
			81-100	THEATRE
			101-255	Default to Unit Setting
15	17	77		TILT MOVEMENT SPEED
			0-225	MAX to MIN SPEED [0]
			226-235	Blackout By Movement
			236-255	NO FUNCTION
16	18	78		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 [255]			

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PIXEL CONTROL

The fixture features pixel control in Extended DMX channel mode. See diagram below, which illustrates the specific pixel mapping order.

