

DMX CHANNEL FUNCTIONS AND VALUES

ELATION CHORUS LINE ST™						
DMX Channel Values / Functions (46 Total DMX Channels)						
Supports Software Versions: ≥ 1.03						
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	Default	Snap
BASIC	STANDARD	EXTEND				
1	1	1	0-255	TILT MOVEMENT [8 BIT] TILT Movement		
	2	2	0-255	TILT FINE MOVEMENT [16 BIT] Fine Control of TILT Movement		
2	3	3	0-255	RED 0 → 100%		
3	4	4	0-255	GREEN 0 → 100%		
4	5	5	0-255	BLUE 0 → 100%		
5	6	6	0-255	AMBER 0 → 100%		
		7	0-255	RED 2 0 → 100%		
		8	0-255	GREEN 2 0 → 100%		
		9	0-255	BLUE 2 0 → 100%		
		10	0-255	AMBER 2 0 → 100%		
		11	0-255	RED 3 0 → 100%		
		12	0-255	GREEN 3 0 → 100%		
		13	0-255	BLUE 3 0 → 100%		
		14	0-255	AMBER 3 0 → 100%		
		15	0-255	RED 4 0 → 100%		
		16	0-255	GREEN 4 0 → 100%		
		17	0-255	BLUE 4 0 → 100%		
		18	0-255	AMBER 4 0 → 100%		

MODE / CHANNEL			VALUE	FUNCTION	Default	Snap
BASIC	STANDARD	EXTEND				
		19	0-255	RED 5 0 → 100%		
		20	0-255	GREEN 5 0 → 100%		
		21	0-255	BLUE 5 0 → 100%		
		22	0-255	AMBER 5 0 → 100%		
		23	0-255	RED 6 0 → 100%		
		24	0-255	GREEN 6 0 → 100%		
		25	0-255	BLUE 6 0 → 100%		
		26	0-255	AMBER 6 0 → 100%		
		27	0-255	RED 7 0 → 100%		
		28	0-255	GREEN 7 0 → 100%		
		29	0-255	BLUE 7 0 → 100%		
		30	0-255	AMBER 7 0 → 100%		
		31	0-255	RED 8 0 → 100%		
		32	0-255	GREEN 8 0 → 100%		
		33	0-255	BLUE 8 0 → 100%		
		34	0-255	AMBER 8 0 → 100%		

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MODE / CHANNEL			VALUE	FUNCTION	Default	Snap
BASIC	STANDARD	EXTEND				
	7	35		CTO		
			0-23	OPEN		
			24-255	CTO 2,700K - 7,000K		
6	8	36		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					

MODE / CHANNEL			VALUE	FUNCTION	Default	Snap
BASIC	STANDARD	EXTEND				
6	8	36		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	37		STROBE		
			0-31	CLOSED		
			32-63	OPEN		
			64-95	Strobe Effect SLOW → FAST		
			96-127	OPEN		
			128-159	Pulse SLOW → FAST		
			160-191	OPEN		
			192-223	Random Strobe Effect SLOW → FAST		
224-255	OPEN					

MODE / CHANNEL			VALUE	FUNCTION	Default	Snap
BASIC	STANDARD	EXTEND				
8	10	38	0-255	MASTER INTENSITY		
				CLOSE → OPEN		
9	11	39	0-255	MASTER INTENSITY FINE		
				CLOSE → OPEN		
10	12	40	0-255	ZOOM		
				Zoom MIN → MAX		
11	13	41		PROGRAM MACROS - NOTE: Color Must Be Selected To Engage Macros.		
			0	IDLE		
			1-14	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	42	0-255	PROGRAM MACRO SPEED	128	
				SLOW → FAST Speed		
13	15	43	0-255	PROGRAM MACRO FADE	128	
				FADE SLOW → FAST		

MODE / CHANNEL			VALUE	FUNCTION	Default	Snap
BASIC	STANDARD	EXTEND				
14	16	44		DIM MODES	0	X
			0-20	STANDARD		
			21-40	STAGE		
			41-60	TV		
			61-80	ARCHITECTURAL		
			81-100	THEATRE		
			101-120	STAGE 2		
				DIMMER DELAY TIME		
			121	0s		
			122	0.1s (default)		
			123	0.2s		
			124	0.3s		
			125	0.4s		
			126	0.5s		
			127	0.6s		
			128	0.7s		
			129	0.8s		
			130	0.9s		
			131	1.0s		
			132	1.5s		
			133	2.0s		
			134	3.0s		
			135	4.0s		
			136	5.0s		
			137	6.0s		
138	7.0s					
139	8.0s					
140	9.0s					
141	10s					
142 - 255	Default					
15	17	45		TILT MOVEMENT SPEED		
			0-225	MAX to MIN SPEED		
			226-235	Blackout By Movement		
			236-255	NO FUNCTION		

MODE / CHANNEL			VALUE	FUNCTION	Default	Snap
BASIC	STANDARD	EXTEND				
16	18	46		CONTROL (Hold 3s)	0	X
			0-5	IDLE		
			6-10	RESET		
			11-15	Fan Mode AUTO		
			16-20	Fan Mode HIGH		
			21-25	Fan Mode SILENT		
			25-29	Program 1		
			30-34	Program 2		
			35-39	Program 3		
			40-44	Program 4		
			45-49	Program 5		
			50-54	Program 6		
			55-59	Program 7		
			60-64	Program 8		
			65-69	Program 9		
			70-74	Program 10		
			75-79	Program 11		
			80-100	Program 12		
				CHANGE REFRESH RATE (Hz) (Hold 3s)		
			101-105	900		
			106-110	1000		
			111-115	1100		
			116-120	1200		
			121-125	1300		
			126-130	1400		
			131-135	1500		
			136-140	2500		
			141-145	4000		
			146-150	5000		
			151-155	10000		
			156-160	15000		
			161-165	20000		
			166-170	25000		
			171-200	IDLE		
				DIMMER CURVES (Hold 3s)		
			201-210	Dimmer Curve Linear (default)		
			211-220	Dimmer Curve Square		
			221-230	Dimmer Curve Inverse Square		
			231-240	Dimmer Curve S-Curve		
			241-255	IDLE		