

# DMX CHANNEL FUNCTIONS

## ELATION FUZE PENDANT™

### RGBWL MODES - DMX Channel Values / Functions (17 Total DMX Channels)

Supports Software Versions: ≥ 1.06

Features subject to change without notice.

1CH Dimmer	4CH Dimmer Color	5CH RGBWL	10CH RGBWL 16bit	10CH Standard	17CH Extended	Value	Function	Default	Snap
				1	1		<b>Strobe</b>	50	X
						0 - 31	Closed		
						32 - 63	Open		
						64 - 95	Strobe (slow → fast)		
						96 - 127	Open		
						129-159	Pulse (slow → fast)		
						160 - 191	Open		
						192 - 223	Random (slow → fast)		
						224 - 255	Open		
1	1			2	2		<b>Dimmer</b>	0	
						0 - 255	0 → 100%		
	2			3	3		<b>Dimmer Fine</b>	0	
						0 - 255	0 → 100%		

1CH Dimmer	4CH Dimmer Color	5CH RGBWL	10CH RGBWL 16bit	10CH Standard	17CH Extended	Value	Function	Default	Snap
		1	1	4	4		<b>Red</b>	255	
						0 - 255	0 → 100%		
			2		5		<b>Red Fine</b>	255	
						0 - 255	0 → 100%		
		2	3	5	6		<b>Green</b>	255	
						0 - 255	0 → 100%		
			4		7		<b>Green Fine</b>	255	
						0 - 255	0 → 100%		
		3	5	6	8		<b>Blue</b>	255	
						0 - 255	0 → 100%		
			6		9		<b>Blue Fine</b>	255	
						0 - 255	0 → 100%		
		4	7		10		<b>White</b>	255	
						0 - 255	0 → 100%		
			8		11		<b>White Fine</b>	255	
						0 - 255	0 → 100%		
		5	9		12		<b>Lime</b>	255	
						0 - 255	0 → 100%		
			10		13		<b>Lime Fine</b>	255	
						0 - 255	0 → 100%		
	3			7	14		<b>CTO</b>	0	
						0-23	Open		
						24 -85	CTO 2400K - 8500K (see Color Temperature Table)		
						86-255	8500K		
	4			8	15		<b>Color Wheel</b>	0	
						0	Open		
						1-179	Virtual Swatch Book (see Virtual Gel Swatch Book Table)		
							<b>Color Scroll</b>		
						180-201	Clockwise, fast → slow		
						202-207	Stop		
						208-229	Counter-clockwise, slow → fast		
						230-234	Open		
							<b>Random Slots</b>		
						235-239	Fast		
						240-244	Medium		
						245-249	Slow		
						250-255	Open		

1CH Dimmer	4CH Dimmer Color	5CH RGBWL	10CH RGBWL 16bit	10CH Standard	17CH Extended	Value	Function	Default	Snap
							<b>Dim Modes</b>		
						0 - 20	Standard		
						21 - 40	Stage		
						41 - 60	TV		
						61 - 80	Architectural		
						81 - 100	Theatre		
						101 - 120	Stage 2		
							<b>Dimmer Delay Time</b>		
						121	0s		
						122	0.1s		
						123	0.2s		
						124	0.3s		
						125	0.4s		
						126	0.5s		
				9	16	127	0.6s	0	X
						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	Idle		

1CH Dimmer	4CH Dimmer Color	5CH RGBWL	10CH RGBWL 16bit	10CH Standard	17CH Extended	Value	Function	Default	Snap
							<b>Control</b>		
						0-99	Idle		
							<b>Change Refresh Rate (Hz) (Hold 1s)</b>		
						100	900		
						101	910		
						102	920		
						103	930		
						104	940		
						105	950		
						106	960		
						107	970		
						108	980		
						109	990		
						110	1000		
						111	1010		
						112	1020		
						113	1030		
						114	1040		
						115	1050		
				10	17	116	1060	0	X
						117	1070		
						118	1080		
						119	1090		
						120	1100		
						121	1110		
						122	1120		
						123	1130		
						124	1140		
						125	1150		
						126	1160		
						127	1170		
						128	1180		
						129	1190		
						130	1200		
						131	1210		
						132	1220		
						133	1230		
						134	1240		
						135	1250		

1CH Dimmer	4CH Dimmer Color	5CH RGBWL	10CH RGBWL 16bit	10CH Standard	17CH Extended	Value	Function	Default	Snap
						136	1260		
						137	1270		
						138	1280		
						139	1290		
						140	1300		
						141	1310		
						142	1320		
						143	1330		
						144	1340		
						145	1350		
						146	1360		
						147	1370		
						148	1380		
						149	1390		
						150	1400		
						151	1410		
						152	1420		
						153	1430		
						154	1440		
						155	1450		
						156	1460		
						157	1470		
				10	17	158	1480	0	X
						159	1490		
						160	1500		
						161	2500		
						162	4000		
						163	5000		
						164	6000		
						165	10000		
						166	15000		
						167	20000		
						168	25000		
						169-200	Idle		
						201-210	Dimmer Curve Linear (default)		
						211-220	Dimmer Curve Square		
						221-230	Dimmer Curve Inverse Square		
						231-240	Dimmer Curve S-Curve		
						241	Internal program 1 (Scene 1-8)		
						242	Internal program 2 (Scene 9-16)		
						243	Internal program 3 (Scene 17-24)		
						244	Internal program 4 (Scene 25-32)		
						245	Internal program 5 (Scene 33-40)		
						246	Internal program 6 (Scene 41-48)		
						247	Internal program 7 (Scene 49-56)		
						248-255	Idle		

**ELATION FUZE PENDANT™**

**HSI MODES - DMX Channel Values / Functions (9 Total DMX Channels)**

**Supports Software Versions: ≥ 1.06**

Features subject to change without notice.

HSI 4CH	HSI Extended 9CH	Value	Function	Default	Snap
	1		<b>Strobe</b>	50	X
		0 - 31	Closed		
		32 - 63	Open		
		64 - 95	Strobe (slow → fast)		
		96 - 127	Open		
		129-159	Pulse (slow → fast)		
		160 - 191	Open		
		192 - 223	Random (slow → fast)		
	224 - 255	Open			
1	2		<b>Intensity</b>	0	
		0 - 255	0 → 100%		
2	3		<b>Intensity Fine</b>	0	
		0 - 255	0 → 100%		
3	4		<b>Hue</b>	255	
		0 - 255	0 → 100%		
4	5		<b>Saturation</b>	255	
		0 - 255	0 → 100%		
	6		<b>CTO</b>	0	
		0-23	Open		
		24 -85	CTO 2400K - 8500K (see Color Temperature Table)		
		86-255	8500K		
	7		<b>Color Wheel</b>	0	
		0	Open		
		1-179	Virtual Swatch Book (see Virtual Gel Swatch Table)		
			<b>Color Scroll</b>		
		180-201	Clockwise, fast → slow		
		202-207	Stop		
		208-229	Counter-clockwise, slow → fast		
		230-234	Open		
			<b>Random Slots</b>		
		235-239	Fast		
		240-244	Medium		
		245-249	Slow		
	250-255	Open			

HSI 4CH	HSI Extended 9CH	Value	Function	Default	Snap
			<b>Dim Modes</b>		
		0 - 20	Standard		
		21 - 40	Stage		
		41 - 60	TV		
		61 - 80	Architectural		
		81 - 100	Theatre		
		101 - 120	Stage 2		
			<b>Dimmer Delay Time</b>		
		121	0s		
		122	0.1s		
		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	Idle		
	8			0	X

HSI	HSI Extended	Value	Function	Default	Snap
			<b>Control</b>		
		0-99	Idle		
			<b>Change Refresh Rate (Hz) (Hold 1s)</b>		
		100	900		
		101	910		
		102	920		
		103	930		
		104	940		
		105	950		
		106	960		
		107	970		
		108	980		
		109	990		
		110	1000		
		111	1010		
		112	1020		
		113	1030		
		114	1040		
	9	115	1050		
		116	1060	0	X
		117	1070		
		118	1080		
		119	1090		
		120	1100		
		121	1110		
		122	1120		
		123	1130		
		124	1140		
		125	1150		
		126	1160		
		127	1170		
		128	1180		
		129	1190		
		130	1200		
		131	1210		
		132	1220		
		133	1230		
		134	1240		
		135	1250		



HSI	HSI Extended	Value	Function	Default	Snap
		136	1260		
		137	1270		
		138	1280		
		139	1290		
		140	1300		
		141	1310		
		142	1320		
		143	1330		
		144	1340		
		145	1350		
		146	1360		
		147	1370		
		148	1380		
		149	1390		
		150	1400		
		151	1410		
		152	1420		
		153	1430		
		154	1440		
		155	1450		
		156	1460		
		157	1470		
	9	158	1480	0	X
		159	1490		
		160	1500		
		161	2500		
		162	4000		
		163	5000		
		164	6000		
		165	10000		
		166	15000		
		167	20000		
		168	25000		
		169-200	Idle		
		201-210	Dimmer Curve Linear (default)		
		211-220	Dimmer Curve Square		
		221-230	Dimmer Curve Inverse Square		
		231-240	Dimmer Curve S-Curve		
		241	Internal program 1 (Scene 1-8)		
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		244	Internal program 4 (Scene 25-32)		
		245	Internal program 5 (Scene 33-40)		
		246	Internal program 6 (Scene 41-48)		
		247	Internal program 7 (Scene 49-56)		
		248-255	Idle		