

DMX CHANNEL FUNCTIONS AND VALUES

ELATION PALADIN BRICK™

RGB MODES - DMX Channel Values / Functions (56 Total DMX Channels)

Supports Software Versions: ≥ 1.0.1

Features subject to change without notice.
*Pixel Zone Control depends on DMX Mode, Flip setting, and fixture head tilt position.

RGB 3CH	8bit 4CH	16bit 8CH	16bit Dim 10CH	Extended 16CH	Cells 48CH	Master Cells 50CH	Ext-Cells 56CH	Value	Function	Default	Snap
				1			1		Strobe		
								0-31	Closed		
								32-63	Open		
								64-95	Strobe (slow → fast)		
								96-127	Open	50	X
								129-159	Pulse (slow → fast)		
								160-191	Open		
								192-223	Random (slow → fast)		
								224-255	Open		
			1	2		1	2		Master Intensity	0	
								0-255	Close → Open		
			2	3		2	3		Master Intensity Fine	0	
								0-255	Close → Open		

RGB 3CH	8bit 4CH	16bit 8CH	16bit Dim 10CH	Extended 16CH	Cells 48CH	Master Cells 50CH	Ext-Cells 56CH	Value	Function	Default	Snap
									Dim Modes		
								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		
				4			4	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	Default		

--	--	--	--	--	--	--	--	--	--	--	--

RGB 3CH	8bit 4CH	16bit 8CH	16bit Dim 10CH	Extended 16CH	Cells 48CH	Master Cells 50CH	Ext-Cells 56CH	Value	Function	Default	Snap
									Control		
								0-19	Idle		
								20-24	Program 1		
								25-29	Program 2		
								30-34	Program 3		
								35-39	Program 4		
								40-44	Program 5		
								45-49	Program 6		
								50-54	Program 7		
								55-59	Program 8		
								60-64	Program 9		
								65-69	Program 10		
								70-74	Program 11		
								75-79	Program 12		
								80-100	Idle		
									Change Refresh Rate (Hz) (Hold 1s)		
								101-105	900		
								106-110	1000		
				5			5	111-115	1100	0	X
								116-120	1200 (default)		
								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	Linear (default)		
								211-220	Square		
								221-230	Inverse Square		
								231-240	S-Curve		
								241-255	Idle		

RGB 3CH	8bit 4CH	16bit 8CH	16bit Dim 10CH	Extended 16CH	Cells 48CH	Master Cells 50CH	Ext-Cells 56CH	Value	Function	Default	Snap
				6			6		Program Speed	128	
							0 - 255	Speed (slow → fast)			
				7			7		Program Fade	128	
							0 - 255	Fade (slow → fast)			
				8			8		Color Macros	0	X
							0 - 255	Macro (1 → 64)			
1	1	1	3	9					Red		
							0 - 255	0 → 100%			
		2	4	10					Red Fine		
							0 - 255	0 → 100%			
2	2	3	5	11					Green		
							0 - 255	0 → 100%			
		4	6	12					Green Fine		
							0 - 255	0 → 100%			
3	3	5	7	13					Blue		
							0 - 255	0 → 100%			
		6	8	14					Blue Fine		
							0 - 255	0 → 100%			
	4	7	9	15					White		
							0 - 255	0 → 100%			
		8	10	16					White Fine		
							0 - 255	0 → 100%			

RGB 3CH	8bit 4CH	16bit 8CH	16bit Dim 10CH	Extended 16CH	Cells 48CH	Master Cells 50CH	Ext-Cells 56CH	Value	Function	Default	Snap
					1	3	9	0 - 255	Red1 0 → 100%		
					2	4	10	0 - 255	Red1 Fine 0 → 100%		
					3	5	11	0 - 255	Green1 0 → 100%		
					4	6	12	0 - 255	Green1 Fine 0 → 100%		
					5	7	13	0 - 255	Blue1 0 → 100%		
					6	8	14	0 - 255	Blue1 Fine 0 → 100%		
					7	9	15	0 - 255	White1 0 → 100%		
					8	10	16	0 - 255	White1 Fine 0 → 100%		
					9	11	17	0 - 255	Red2 0 → 100%		
					10	12	18	0 - 255	Red2 Fine 0 → 100%		
					11	13	19	0 - 255	Green2 0 → 100%		
					12	14	20	0 - 255	Green2 Fine 0 → 100%		
					13	15	21	0 - 255	Blue2 0 → 100%		
					14	16	22	0 - 255	Blue2 Fine 0 → 100%		
					15	17	23	0 - 255	White2 0 → 100%		
					16	18	24	0 - 255	White2 Fine 0 → 100%		
					17	19	25	0 - 255	Red3 0 → 100%		
					18	20	26	0 - 255	Red3 Fine 0 → 100%		
					19	21	27	0 - 255	Green3 0 → 100%		
					20	22	28	0 - 255	Green3 Fine 0 → 100%		
					21	23	29	0 - 255	Blue3 0 → 100%		
					22	24	30	0 - 255	Blue3 Fine 0 → 100%		
					23	25	31	0 - 255	White3 0 → 100%		
					24	26	32	0 - 255	White3 Fine 0 → 100%		

RGB 3CH	8bit 4CH	16bit 8CH	16bit Dim 10CH	Extended 16CH	Cells 48CH	Master Cells 50CH	Ext-Cells 56CH	Value	Function	Default	Snap
					25	27	33		Red4		
								0 - 255	0 → 100%		
					26	28	34		Red4 Fine		
								0 - 255	0 → 100%		
					27	29	35		Green4		
								0 - 255	0 → 100%		
					28	30	36		Green4 Fine		
								0 - 255	0 → 100%		
					29	31	37		Blue4		
								0 - 255	0 → 100%		
					30	32	38		Blue4 Fine		
								0 - 255	0 → 100%		
					31	33	39		White4		
								0 - 255	0 → 100%		
					32	34	40		White4 Fine		
								0 - 255	0 → 100%		
					33	35	41		Red5		
								0 - 255	0 → 100%		
					34	36	42		Red5 Fine		
								0 - 255	0 → 100%		
					35	37	43		Green5		
								0 - 255	0 → 100%		
					36	38	44		Green5 Fine		
								0 - 255	0 → 100%		
					37	39	45		Blue5		
								0 - 255	0 → 100%		
					38	40	46		Blue5 Fine		
								0 - 255	0 → 100%		
					39	41	47		White5		
								0 - 255	0 → 100%		
					40	42	48		White5 Fine		
								0 - 255	0 → 100%		
					41	43	49		Red6		
								0 - 255	0 → 100%		
					42	44	50		Red6 Fine		
								0 - 255	0 → 100%		
					43	45	51		Green6		
								0 - 255	0 → 100%		
					44	46	52		Green6 Fine		
								0 - 255	0 → 100%		
					45	47	53		Blue6		
								0 - 255	0 → 100%		
					46	48	54		Blue6 Fine		
								0 - 255	0 → 100%		
					47	49	55		White6		
								0 - 255	0 → 100%		
					48	50	56		White6 Fine		
								0 - 255	0 → 100%		

ELATION PALADIN BRICK™

HSI MODES - DMX Channel Values / Functions (26 Total DMX Channels)

Supports Software Versions: ≥ 1.0.1

Features subject to change without notice.
*Pixel Zone Control depends on DMX Mode, Flip setting, and fixture head tilt position.

HSI 4CH	HSI-Ext 10CH	HSI Cell 26CH	Value	Function	Default	Snap
	1	1		Strobe	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	2		Master Intensity	0	
			0 - 255	Close → Open		
2	3	3		Master Intensity Fine	0	
			0 - 255	Close → Open		

HSI 4CH	HSI-Ext 10CH	HSI Cell 26CH	Value	Function	Default	Snap
				Dim Modes		
			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		
	4	4			0	X

HSI 4CH	HSI-Ext 10CH	HSI Cell 26CH	Value	Function	Default	Snap
				Control		
			0 -19	Idle		
			20-24	Program 1		
			25-29	Program 2		
			30-34	Program 3		
			35-39	Program 4		
			40-44	Program 5		
			45-49	Program 6		
			50-54	Program 7		
			55-59	Program 8		
			60-64	Program 9		
			65-69	Program 10		
			70-74	Program 11		
			75-79	Program 12		
			80-100	Idle		
				Change Refresh Rate (Hz) (Hold 1s)		
			101 - 105	900		
			106 - 110	1000		
	5	5	111 - 115	1100	0	X
			116 - 120	1200 (default)		
			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	Linear (default)		
			211-220	Square		
			221-230	Inverse Square		
			231-240	S-Curve		
			241-255	Idle		

HSI 4CH	HSI-Ext 10CH	HSI Cell 26CH	Value	Function	Default	Snap
	6	6	0 - 255	Program Speed Speed (slow → fast)	128	
	7	7	0 - 255	Program Fade Fade (slow → fast)	128	
	8	8	0 - 255	Color Macros Macro (1 → 64)	0	X
3	9	9	0 - 255	Hue 0 → 100%	0	
4	10	10	0 - 255	Saturation 0 → 100%	255	
		11	0 - 255	Intensity 0 → 100%	255	
		12	0 - 255	Hue 2 0 → 100%	0	
		13	0 - 255	Saturation 2 0 → 100%	255	
		14	0 - 255	Intensity 2 0 → 100%	255	
		15	0 - 255	Hue 3 0 → 100%	0	
		16	0 - 255	Saturation 3 0 → 100%	255	
		17	0 - 255	Intensity 3 0 → 100%	255	
		18	0 - 255	Hue 4 0 → 100%	0	
		19	0 - 255	Saturation 4 0 → 100%	255	
		20	0 - 255	Intensity 4 0 → 100%	255	

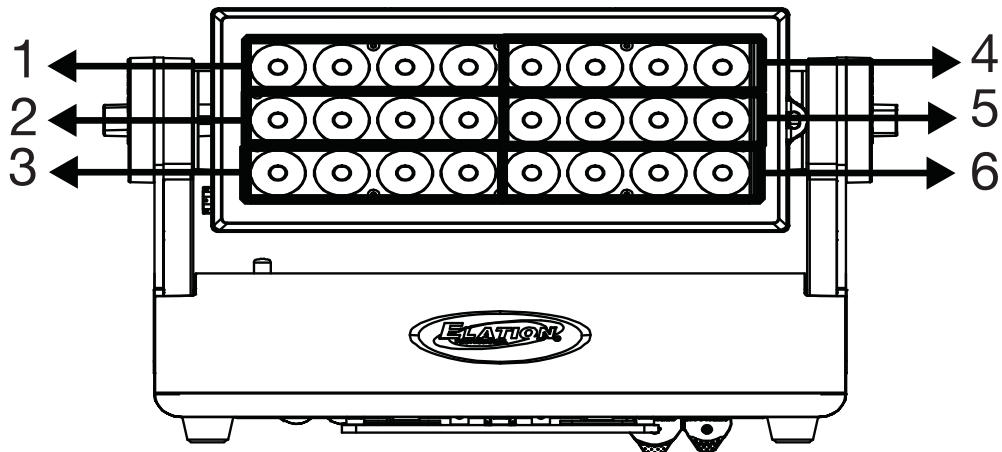
HSI 4CH	HSI-Ext 10CH	HSI Cell 26CH	Value	Function	Default	Snap
		21		Hue 5	0	
			0 - 255	0 → 100%		
		22		Saturation 5	255	
			0 - 255	0 → 100%		
		23		Intensity 5	255	
			0 - 255	0 → 100%		
		24		Hue 6	0	
			0 - 255	0 → 100%		
		25		Saturation 6	255	
			0 - 255	0 → 100%		
		26		Intensity 6	255	
			0 - 255	0 → 100%		

PIXEL ZONE CONTROL

This fixture includes 6-pixel zones, each zone containing 4 LED pixels which can be controlled when specific DMX channel modes are selected. The system menu includes a FLIP setting which flips the pixel zones to support unique fixture mounting scenarios.

NOTE: Pixel zones control varies depending on the DMX Channel and FLIP modes selected and/or the fixture head tilt position. (see diagrams below)

STANDARD



FLIP1

