

DMX TRAITS: CHANNEL FUNCTIONS & VALUES

Features subject to change without notice.

MODE/CHANNEL								VALUE	FUNCTION
13CH	14CH	17CH	18CH	29CH	30CH	CH45	46CH		
1	1	1	1	1	1	1	1	000-255	PAN Movement 8bit: 540 Degrees
		2	2	2	2	2	2	000-255	Pan Fine 16bit: Fine control of Pan movement:
2	2	3	3	3	3	3	3	000-255	TILT Movement 8bit: 224 Degrees:
		4	4	4	4	4	4	000-255	Tilt Fine 16bit: Fine control of Tilt movement
3	3	5	5	5	5	5	5	000-255	Red: Dimmer 0% - 100%
4	4	6	6	6	6	6	6	000-255	Green: Dimmer 0% - 100%
5	5	7	7	7	7	7	7	000-255	Blue: Dimmer 0% - 100%
6	6	8	8	8	8	8	8	000-255	White: Dimmer 0% - 100%
				9	9	9	9	000-255	Red2: Dimmer 0% - 100%
				10	10	10	10	000-255	Green2: Dimmer 0% - 100%
				11	11	11	11	000-255	Blue2: Dimmer 0% - 100%
				12	12	12	12	000-255	White2: Dimmer 0% - 100%
				13	13	13	13	000-255	Red3: Dimmer 0% - 100%
				14	14	14	14	000-255	Green3: Dimmer 0% - 100%
				15	15	15	15	000-255	Blue3: Dimmer 0% - 100%
				16	16	16	16	000-255	White3: Dimmer 0% - 100%
						17	17	000-255	Red4: Dimmer 0% - 100%
						18	18	000-255	Green4: Dimmer 0% - 100%
						19	19	000-255	Blue4: Dimmer 0% - 100%
						20	20	000-255	White4: Dimmer 0% - 100%
						21	21	000-255	Red5: Dimmer 0% - 100%
						22	22	000-255	Green5: Dimmer 0% - 100%
						23	23	000-255	Blue5: Dimmer 0% - 100%
						24	24	000-255	White5: Dimmer 0% - 100%
						25	25	000-255	Red6: Dimmer 0% - 100%
						26	26	000-255	Green6: Dimmer 0% - 100%
						27	27	000-255	Blue6: Dimmer 0% - 100%
						28	28	000-255	White6: Dimmer 0% - 100%
						29	29	000-255	Red7: Dimmer 0% - 100%
						30	30	000-255	Green7: Dimmer 0% - 100%
						31	31	000-255	Blue7: Dimmer 0% - 100%
						32	32	000-255	White7: Dimmer 0% - 100%
7	8	9	9	17	17	33	33	000-255	Color Temperature: 2700-7000K Linear
8	7	10	10	18	18	34	34	000-255	64 Color Macros (See Color Macros Chart)

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MODE/CHANNEL								VALUE	FUNCTION
13CH	14CH	17CH	18CH	29CH	30CH	CH45	46CH		
				19	19	35	35	Chase Patterns:	
								001-014 Off	
								015-030 Chase 1	
								031-046 Chase 2	
								047-062 Chase 3	
								063-078 Chase 4	
								079-094 Chase 5	
								095-110 Chase 6	
								111-126 Chase 7	
								127-142 Chase 8	
								143-158 Chase 9	
								159-174 Chase 10	
								175-190 Chase 11	
								191-206 Chase 12	
								207-222 Chase 13	
								223-238 Chase 14	
								239-255 Chase 15	
				20	20	36	36	Chase Speed:	
								000-125 Fast to Slow Backward	
								126-130 Stop (Speed=0)	
								131-255 Slow to Fast Forward	
				21	21	37	37	000-255 Chase Fade: Fade Chase	
								Shutter	
								000-019 Blackout	
								020-024 Open	
								025-064 Strobe Slow to Fast	
								065-069 Open	
								070-084 Pulse Slow Open, Fast Closed	
								085-089 Open	
								090-104 Pulse Fast Open, Slow Closed	
								105-109 Open	
								110-124 Random Strobe	
								125-129 Open	
								130-144 Random Pulse Open	
								145-149 Open	
								150-164 Random Pulse Closed	
								165-169 Open	
								170-184 Burst Pulse	
								185-189 Open	
								190-204 Random Burst Pulse	
								205-209 Open	
								210-224 Shutter Strobe Pulse	
								225-229 Open	
								230-244 Burst	
								245-255 Open	
9		11	11	22	22	38	38	Shutter, Strobe:	
								000-031 Shutter Closed(LEDs OFF)	
								032-063 Shutter OPEN(LEDs ON)	
								064-095 Strobe effect slow to fast	
								096-127 Shutter OPEN(LEDs ON)	
								128-159 Pulse effect in sequences	
								160-191 Shutter OPEN(LEDs ON)	
								192-223 Random strobe effect slow to fast	
								224-247 Shutter OPEN(LEDs ON)	
								248-255 Open	

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13CH	14CH	17CH	18CH	29CH	30CH	CH45	46CH		
	10							000-255	Dimmer: 0%~100%
10		12	12	23	23	39	39	000-255	Dimmer Intensity: Intensity 0 to 100%
		13	13	24	24	40	40	000-255	Dimmer Fine: Dimmer Intensity fine
11	12	14	14	25	25	41	41	000-255	Zoom: Zoom adjustment from wide to narrow
				26	26	42	42	000-255	Zoom Fine: Zoom adjustment Fine
									Dim Modes:
								000-020	Default to Unit Setting
								021-040	Standard
								041-060	Stage
								061-080	TV
	11	15	15	27	27	43	43	081-100	Architectural
								101-120	Theatre
								121-140	Stage 2
								141-160	Dim Speed from Fast to Slow (0.1-10s)
								161-255	Default to Unit Setting
									Dim Curves:
			16		28		44	000-020	Square
								021-040	Linear
								041-060	Inv. Squa
								061-080	S. Curve
								081-255	No Function
12	13	16	17	28	29	44	45	000-255	Pan/Tilt Speed: Max to Min Speed
									Special Function:
								000 – 069	Null
								070 – 079	Blackout Pan/Tilt Move Enable
								080 –089	Blackout Pan/Tilt Move Disable
								090– 099	Reset All
								100– 109	Zoom Reset
								110 – 119	Pan/Tilt Reset
13	14	17	18	29	30	45	46	120 – 255	Null