

DMX CHANNEL'S FUNCTIONS AND THEIR VALUES (26 TO 199 DMX CHANNELS) - V124

Mode/ Channels				Function	Value	Default Value					
Ba	Std	Ext Ring	Ext Pixel								
1	1	1	1	PAN Movement 8bit	0-255						
2	2	2	2	Pan Fine 16bit: Fine control of Pan movement	0-255						
3	3	3	3	TILT Movement 8bit	0-255						
4	4	4	4	Tilt Fine 16bit: Fine control of Tilt movement	0-255						
5	5	5	5	Speed Fan/Tilt Movement	Max to min speed	0-225					
					Blackout by movement	226-235					
					Store dimmer enabled	236-245					
6	6	6	6	Pan Motor continuous rotation	Stop rotation by spinout	0-63					
					Stop rotation by shortcut	64-127					
					Forwards Pan rotation from fast to slow	128-189					
					No rotation	190-193					
7	7	7	7	Tilt Motor continuous rotation	Backwards Pan rotation from slow to fast	194-255					
					Stop rotation by spinout	0-63					
					Stop rotation by shortcut	64-127					
					Forwards Tilt rotation from fast to slow	128-189					
8	8	8	8		No rotation	190-193					
					Backwards Tilt rotation from slow to fast	194-255					
					Red LED-All Arrays / Background Colour When Chase ON: Red (0-Black, 255-100% Red)	0-255					
					Red Fine LED-All Arrays / Background Colour When Chase ON: Red fine (0-Black, 255-100% Red)	0-255					
8	8	8	8		Green LED-All Arrays / Background Colour When Chase ON: Green (0-Black, 255-100% Green)	0-255					
					Green Fine LED-All Arrays / Background Colour When Chase ON: Green (0-Black, 255-100% Green)	0-255					
					Blue LED-All Arrays / Background Colour When Chase ON: Blue (0-Black, 255-100% Blue)	0-255					
					Blue Fine LED-All Arrays / Background Colour When Chase ON: Blue fine (0-Black, 255-100% Blue)	0-255					
					White LED-All Arrays / Background Colour When Chase ON: White (0-Black, 255-100% White)	0-255					
					White Fine LED-All Arrays / Background Colour When Chase ON: White fine (0-Black, 255-100% White)	0-255					
					16	16	16	16	Shutter, Strobe	LED turn off	0-31
										LED turn on	32-63
Strobe effect slow to fast	64-95										
LED turn on	96-127										
Pulse-effect in sequences	128-159										
LED turn on	160-191										
Random strobe effect slow to fast	192-223										
LED turn on	224-255										
17	17	17	17	Dimmer Intensity: Intensity 0 to 100%	0-255						
18	18	18	18	Dimmer Intensity Fine	0-255						
19	19	19	19	Linear CTO From 8000 To 2700 K	No function	0-21					
					8000 K - 7500 K	22-42					
					7500 K - 7000 K	43-63					

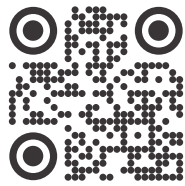
Mode/ Channels				Function	Value	Default Value
Ba	Std	Ext Ring	Ext Pixel			
19	19	19	19	Linear CTO From 8000 To 2700 K	7000 K - 6500 K	64-84
					6500 K - 6000 K	85-105
					6000 K - 5500 K	106-126
					5500 K - 5000 K	127-147
					5000 K - 4500 K	148-168
					4500 K - 4000 K	169-189
19	19	19	19	Linear CTO From 8000 To 2700 K	4000 K - 3500 K	190-210
					3500 K - 3000 K	211-231
					3000 K - 2500 K	232-255
20	20	20	20	Colour Preset: See Appendix	0-255	
21	21	21	21	Colour Preset / RGBW Cross Fade	Output controlled by RGBL values	0
					Cross fade between RGBL settings and Colour preset channel	1-254
					Output controlled by colour preset values	255
22	22	22	22	Between Colour Preset Cross Fade	No fade	0-4
					Cross fade between 2 colour presets from 100ms to 5 sec	4-255
23	23	23	23	Zoom: From small to big	0-255	
24	24	24	24	Zoom Fine	0-255	
25	25	25	25	Effect/Background Prorate: Prorate between effect from channel44 and background	0-255	
26	26	26	26	Reset, Internal Programs	unused	0-4
					Display Off	5-9
					Display On	10-14
					Display Invert Off	15-19
					Display Invert On	20-24
					Auto fan control mode	25-26
					Stage fan control mode	27-28
					Silence fan control mode	29-30
					Super Silence fan control mode	31-32
					Constant Fans Off	33-34
					Constant Fans On	35-36
					unused	37-44
					Square Law	45-49
					Linear	50-54
					1.2K	55-57
					2.4K	58-60
16K	61-63					
25K	64-69					
				Tungsten lamp simulation 500 W	70-71	
				Tungsten lamp simulation 1000 W	72-73	
				Tungsten lamp simulation 2500 W	74-75	
				Tungsten lamp simulation 5000 W	76-77	
				Tungsten lamp simulation off	78-79	

Mode/Channels				Function	Value	Default Value	
26	26	26	26	Reset, Internal Programs	All motor reset	80-84	
					P/T motor reset	85-87	
					Zoom motor reset	88-90	
					Reserved	91-255	
27	27	27	Main LED Chase Pattern	Chase OFF	0-9		
				Chase 1	10-14		
				Chase 2	15-19		
				Chase 3	20-24		
				Chase 4	25-29		
				Chase 5	30-34		
				Chase 6	35-39		
				Fix Chase	40-44		
				Reserved	45-255		
28	28	28	Main LED Chase Speed	Fast to Slow Backward	0-125		
				Stop (Speed=0)	126-130		
				Slow to Fast Forward	131-255		
29	29	29	Main LED Chase Fade	0-255			
30	30	30	Main LED Chase Size: Chase category	0-255			
31	31	31	Red Chase Colour: Red (0-Black, 255-100% Red)	0-255			
32	32	32	Green Chase Colour: Green (0-Black, 255-100% Green)	0-255			
33	33	33	Blue Chase Colour: Blue (0-Black, 255-100% Blue)	0-255			
34	34	34	White Chase Colour: White (0-Black, 255-100% White)	0-255			
35	35	35	Dimmer Chase: Intensity (0-Black , 255-100%)	0-255			
36	36	36	Dimmer Background Chase Inverted Disabled When Chase OFF: Intensity (0-100% , 255-0%)	0-255			
37	37	37	Chase, Strobe:	LED turn off	0-31		
				LED turn on	32-63		
				Strobe effect slow to fast	64-95		
				LED turn on	96-127		
				Pulse-effect in sequences	128-159		
				LED turn on	160-191		
				Random strobe effect slow to fast	192-223		
				LED turn on	224-255		
38	38	Zonda Effect Control	React to Zonda effect Chase (Turn on liquid effects)	0-9			
			React to MAIN LED (take the color of the closest main LED, include CTO&CP&lamp)	10-19			
			React to ARTNET OR SACN	20-29			
			Reserved	30-255			
39	39	39	Zonda Effect Dimmer Intensity: Intensity 0 to 100%	0-255			
40	40	40	Zonda Effect Dimmer Intensity Fine	0-255			
41	41	41	Zonda Effect Red Colour: Red (0-Black , 255-100% Red)	0-255			
42	42	42	Zonda Effect Green Colour: Green (0-Black , 255-100% Green)	0-255			

Mode/Channels				Function	Value	Default Value
43	43	43	Zonda Effect Blue Colour: Blue (0-Black , 255-100% Green)	0-255		
44	44	Zonda Effect Chase Patterns	Off	0-9		
			Effect 1	10		
				
			Effect 245	255		
45	45	Zonda Folder Channel	IMAGES (default)	0-9		
			FOLDER1	10-19		
			FOLDER2	20-29		
			FOLDER3	30-39		
			FOLDER4	40-49		
			FOLDER5	50-59		
			FOLDER6	60-69		
			FOLDER7	70-79		
			FOLDER8	80-89		
			FOLDER9	90-99		
			FOLDER10	100-109		
			FOLDER11	110-119		
			FOLDER12	120-129		
			FOLDER13	130-139		
			FOLDER14	140-149		
			FOLDER15	150-159		
			FOLDER16	160-169		
			FOLDER17	170-179		
			FOLDER18	180-189		
			FOLDER19	190-199		
FOLDER20	200-209					
Reserved	210-255					
46	46	Zonda Effect Chase Speed	Fast to Slow Backward	0-125		
			Stop (Speed=0)	126-130		
			Slow to Fast Forward	131-255		
47	47	47	Zonda Background Effect Dimmer Intensity: Intensity 0 to 100%	0-255		
48	48	48	Zonda Background Effect Red Colour: Red (0-Black, 255-100% Red)	0-255		
49	49	49	Zonda Background Effect Green Colour: Green (0-Black, 255-100% Green)	0-255		
50	50	50	Zonda Background Effect Blue Colour: Blue (0-Black, 255-100% Blue)	0-255		
	38	51	Cross Fade to PIXEL Mode: From RGBW control to PIXEL control	0-255		
	39	39	Red LED-Ring 1: Red (0-Black, 255-100% Red)	0-255		
	40	40	Green LED-Ring 1: Green (0-Black, 255-100% Green)	0-255		
	41	41	Blue LED-Ring 1: Blue (0-Black, 255-100% Blue)	0-255		
	42	42	White LED-Ring 1: White (0-Black, 255-100% White)	0-255		
	43	43	Red LED-Ring 2: Red (0-Black, 255-100% Red)	0-255		

Mode/ Channels	Function	Value	Default Value
44	Green LED-Ring 2: Green (0-Black, 255-100% Green)	0-255	
45	Blue LED-Ring 2: Blue (0-Black, 255-100% Blue)	0-255	
46	White LED-Ring 2: White (0-Black, 255-100% White)	0-255	
47	Red LED-Ring 3: Red (0-Black, 255-100% Red)	0-255	
48	Green LED-Ring 3: Green (0-Black, 255-100% Green)	0-255	
49	Blue LED-Ring 3: Blue (0-Black, 255-100% Blue)	0-255	
50	White LED-Ring 3: White (0-Black, 255-100% White)	0-255	
51	Red LED-Ring 4: Red (0-Black, 255-100% Red)	0-255	
52	Green LED-Ring 4: Green (0-Black, 255-100% Green)	0-255	
53	Blue LED-Ring 4: Blue (0-Black, 255-100% Blue)	0-255	
54	White LED-Ring 4: White (0-Black, 255-100% White)	0-255	
52	Red LED-Array 1: Red (0-Black, 255-100% Red)	0-255	
53	Green LED-Array 1: Green (0-Black, 255-100% Green)	0-255	
54	Blue LED-Array 1: Blue (0-Black, 255-100% Blue)	0-255	
55	White LED-Array 1: White (0-Black, 255-100% White)	0-255	
56	Red LED-Array 2: Red (0-Black, 255-100% Red)	0-255	
57	Green LED-Array 2: Green (0-Black, 255-100% Green)	0-255	
58	Blue LED-Array 2: Blue (0-Black, 255-100% Blue)	0-255	
59	White LED-Array 2: White (0-Black, 255-100% White)	0-255	
...			
196	Red LED-Array 37: Red (0-Black, 255-100% Red)	0-255	
197	Green LED-Array 37: Green (0-Black, 255-100% Green)	0-255	
198	Blue LED-Array 37: Blue (0-Black, 255-100% Blue)	0-255	
199	White LED-Array 37: White (0-Black, 255-100% White)	0-255	

*Errors and omissions for all information given in this DMX chart are possible.
All information is subject to change without prior notice.*



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