

## 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	128	
2	2	2	2	Pan Fine 16bit: Fine control of Pan movement	0-255	0	
3	3	3	3	TILT Movement 8bit	0-255	128	
4	4	4	4	Tilt Fine 16bit: Fine control of Tilt movement	0-255	0	
5	5	5	5	Speed Fan/Tilt Movement	Max to min speed	0-225	0
					Blackout by movement	226-235	
					No Feature	236-245	
6	6	6	6	Reserved		0	
7	7	7	7	Reserved			
8	8	8	8	Red LED-All Arrays / Background Colour When Chase ON: Red (0-Black, 255-100% Red)	0-255	255	
9	9	9	9	Red Fine LED-All Arrays / Background Colour When Chase ON: Red fine (0-Black, 255-100% Red)	0-255	255	
10	10	10	10	Green LED-All Arrays / Background Colour When Chase ON: Green (0-Black, 255-100% Green)	0-255	255	
11	11	11	11	Green Fine LED-All Arrays / Background Colour When Chase ON: Green (0-Black, 255-100% Green)	0-255	255	
12	12	12	12	Blue LED-All Arrays / Background Colour When Chase ON: Blue (0-Black, 255-100% Blue)	0-255	255	
13	13	13	13	Blue Fine LED-All Arrays / Background Colour When Chase ON: Blue fine (0-Black, 255-100% Blue)	0-255	255	
14	14	14	14	White LED-All Arrays / Background Colour When Chase ON: White (0-Black, 255-100% White)	0-255	255	
15	15	15	15	White Fine LED-All Arrays / Background Colour When Chase ON: White fine (0-Black, 255-100% White)	0-255	255	
16	16	16	16	Shutter, Strobe	LED turn off	0-31	32
					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	0	
18	18	18	18	Dimmer Intensity Fine	0-255	0	
19	19	19	19	Linear CTO From 8000 To 2700 K	No function	0-21	0
					8000 K	22-42	
					7500 K	43-63	
					7000 K	64-84	
					6500 K	85-105	
					6000 K	106-126	
					5500 K	127-147	
					5000 K	148-168	
					4500 K	169-189	
					4000 K	190-210	

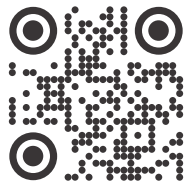
Mode/ Channels				Function	Value	Default Value	
Ba	Std	Ext Ring	Ext Pixel				
19	19	19	19	Linear CTO From 8000 To 2700 K	3500 K	211-231	
					2700 K	232-255	
20	20	20	20	Colour Preset	No function	0-2	0
					See Appendix	3-205	
					No function	206-255	
21	21	21	21	Colour Preset / RGBW Cross Fade	Output controlled by RGBL values	0	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	0
					Cross fade between 2 colour presets from 100 ms to 5 sec	4-255	
23	23	23	23	Zoom: From small to big	0-255	128	
24	24	24	24	Zoom Fine	0-255	0	
25	25	25	25	Reserved		0	
26	26	26	26	Reset, Internal Programs	unused	0-4	0
					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						
All motor reset	80-84						
P/T motor reset	85-87						
Zoom motor reset	88-90						
Reserved	91-255						

Mode/ Channels			Function	Value	Default Value	
27	27	27	Main LED Chase Pattern	Chase OFF	0-9	0
				Chase 1	10-14	
				Chase 2	15-19	
				Reserved	45-255	
28	28	28	Main LED Chase Speed	Fast to Slow Backward	0-125	0
				Stop (Speed=0)	126-130	
				Slow to Fast Forward	131-255	
29	29	29	Main LED Chase Fade	0-255	0	
30	30	30	Main LED Chase Size: Chase category	0-255	0	
31	31	31	Red Chase Colour: Red (0-Black, 255-100% Red)	0-255	255	
32	32	32	Green Chase Colour: Green (0-Black, 255-100% Green)	0-255	255	
33	33	33	Blue Chase Colour: Blue (0-Black, 255-100% Blue)	0-255	255	
34	34	34	White Chase Colour: White (0-Black, 255-100% White)	0-255	255	
35	35	35	Dimmer Chase: Intensity ( 0-Black , 255-100% )	0-255	0	
36	36	36	Dimmer Background Chase Inverted Disabled When Chase OFF: Intensity ( 0-100% , 255-0% )	0-255	0	
37	37	37	Chase, Strobe:	LED turn off	0-31	32
				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   50		Reserved	0-255		
38	51		Cross Fade to PIXEL Mode: From RGBW control to PIXEL control	0-255	128	
39			Red LED-Ring 1: Red (0-Black, 255-100% Red)	0-255	255	
40			Green LED-Ring 1: Green (0-Black, 255-100% Green)	0-255	255	
41			Blue LED-Ring 1: Blue (0-Black, 255-100% Blue)	0-255	255	
42			White LED-Ring 1: White (0-Black, 255-100% White)	0-255	255	
43			Red LED-Ring 2: Red (0-Black, 255-100% Red)	0-255	255	
44			Green LED-Ring 2: Green (0-Black, 255-100% Green)	0-255	255	
45			Blue LED-Ring 2: Blue (0-Black, 255-100% Blue)	0-255	255	
46			White LED-Ring 2: White (0-Black, 255-100% White)	0-255	255	
47			Red LED-Ring 3: Red (0-Black, 255-100% Red)	0-255	255	
48			Green LED-Ring 3: Green (0-Black, 255-100% Green)	0-255	255	
49			Blue LED-Ring 3: Blue (0-Black, 255-100% Blue)	0-255	255	
50			White LED-Ring 3: White (0-Black, 255-100% White)	0-255	255	
51			Red LED-Ring 4: Red (0-Black, 255-100% Red)	0-255	255	
52			Green LED-Ring 4: Green (0-Black, 255-100% Green)	0-255	255	
53			Blue LED-Ring 4: Blue (0-Black, 255-100% Blue)	0-255	255	
54			White LED-Ring 4: White (0-Black, 255-100% White)	0-255	255	

Mode/ Channels			Function	Value	Default Value
		52	Red LED-Array 1: Red (0-Black, 255-100% Red)	0-255	255
		53	Green LED-Array 1: Green (0-Black, 255-100% Green)	0-255	255
		54	Blue LED-Array 1: Blue (0-Black, 255-100% Blue)	0-255	255
		55	White LED-Array 1: White (0-Black, 255-100% White)	0-255	255
		56	Red LED-Array 2: Red (0-Black, 255-100% Red)	0-255	255
		57	Green LED-Array 2: Green (0-Black, 255-100% Green)	0-255	255
		58	Blue LED-Array 2: Blue (0-Black, 255-100% Blue)	0-255	255
		59	White LED-Array 2: White (0-Black, 255-100% White)	0-255	255
...					
		196	Red LED-Array 37: Red (0-Black, 255-100% Red)	0-255	255
		197	Green LED-Array 37: Green (0-Black, 255-100% Green)	0-255	255
		198	Blue LED-Array 37: Blue (0-Black, 255-100% Blue)	0-255	255
		199	White LED-Array 37: White (0-Black, 255-100% White)	0-255	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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