DMX CHANNEL'S FUNCTIONS AND THEIR VALUES (25 TO 127 DMX CHANNELS) - V130

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	
					Store dimmer enabled	236-245	
6	6	6	6	**Reserved**		0-255	
7	7	7	7	**Reserved**		0-255	
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
19	19	19	19	**Linear CTO From 8000 To 2700 K**	3500 K	211-231	
					2500 K	232-255	
20	20	20	20	**Colour Preset:** See Appendix		0-255	0
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 100ms 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**		0-255	
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	
					Pan Degree 540 °	91-93	
					Pan Degree 630 °	94-96	
					Pan/Tilt Spd Fast	97-99	
					Pan/Tilt Spd Medium	100-102	

Mode/ Channels				Function		Pan/Tilt Spd Slow	Default Value
26	26	26	26	Reset, Internal Programs	Pan/Tilt Spd Slow	103-105	
					Fog fan off	106-108	
					Fog fan auto	109-111	
					Fog fan on	112-114	
					Reserved	115-255	
	27	27	27	Main LED Chase Patterns	Chase OFF	0-9	0
					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	0
					Stop (Speed=0)	126-130	
					Slow to Fast Forward	131-255	
	29	29	29	**Main LED Chase Fade**: Fade Chase		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 I 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
		40		**Green LED-ring 1**: Green (0-Black , 255-100% Green)			0
		41		**Blue LED-ring 1**: Blue (0-Black , 255-100% Blue)			0
		42		**White LED-ring 1**: White (0-Black , 255-100% White)			0
		43		**Red LED-ring 2**: Red (0-Black , 255-100% Red)			0

Mode/ Channels				Function	Value	Default Value
		44		**Green LED-ring 2**: Green (0-Black , 255-100% Green)		0
		45		**Blue LED-ring 2**: Blue (0-Black , 255-100% Blue)		0
		46		**White LED-ring 2**: White (0-Black , 255-100% White)		0
		47		**Red LED-ring 3**: Red (0-Black , 255-100% Red)		0
		48		**Green LED-ring 3**: Green (0-Black , 255-100% Green)		0
		49		**Blue LED-ring 3**: Blue (0-Black , 255-100% Blue)		0
		50		**White LED-ring 3**: White (0-Black , 255-100% White)		0
			52	**Red LED-Array 1**: Red (0-Black , 255-100% Red)	0-255	0
			53	**Green LED-Array 1:** Green (0-Black , 255-100% Green)	0-255	0
			54	**Blue LED-Array 1:** Blue (0-Black , 255-100% Blue)	0-255	0
			55	**White LED-Array 1**: White (0-Black , 255-100% White)	0-255	0
			56	**Red LED-Array 2**: Red (0-Black , 255-100% Red)	0-255	0
			57	**Green LED-Array 2:** Green (0-Black , 255-100% Green)	0-255	0
			58	**Blue LED -Array 2:** Blue (0-Black , 255-100% Blue)	0-255	0
			59	**White LED-Array 2 :** White (0-Black , 255-100% White)	0-255	0
...						
			124	**Red LED-Array 19**: Red (0-Black , 255-100% Red)	0-255	0
			125	**Green LED-Array 19**: Green (0-Black , 255-100% Green)	0-255	0
			126	**Blue LED-Array 19**: Blue (0-Black , 255-100% Blue)	0-255	0
			127	**White LED-Array 19 :** White (0-Black , 255-100% White)	0-255	0

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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