

DMX CHANNEL'S FUNCTIONS AND THEIR VALUES (86DMX CHANNELS) - V104

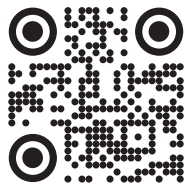
Mode/Channel				Function	Value	Default Value
Ba	Std	Ext Ring	Ext Pixel			
1	1	1	1	PAN Movement 8bit	0-255	128
2	2	2	2	Pan Fine 16bit: Fine control of Pan movement	0-255	0
3	3	3	3	TILT Movement 8bit	0-255	128
4	4	4	4	Tilt Fine 16bit: Fine control of Tilt movement	0-255	0
5	5	5	5	Speed Fan/Tilt Movement	Max to min speed	0-225
					Blackout by movement	226-235
					No Function	236-255
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 fine (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	Lime Led-All Arrays / Background Colour When Chase ON: Lime (0-Black, 255-100% Lime)	0-255	255
15	15	15	15	Lime Fine Led-All Arrays / Background Colour When Chase ON: Lime (0-Black, 255-100% Lime)	0-255	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	0
18	18	18	18	Dimmer Intensity Fine	0-255	0
19	19	19	19	Linear CTO From 8000 To 2700 K	No function	0-9
					CRI 80	10-21
					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/Channel				Function	Value	Default Value
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: See Appendix	0-255	0
21	21	21	21	Colour Preset / RGBW Cross Fade	Output controlled by RGBL values	0
					Cross fade between RGBL settings and colours 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	128
24	24	24	24	Zoom Fine	0-255	0
25	25	25	25	Reserved	0-255	0
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				
	All motor reset	80-84				
	P/T motor reset	85-87				
	Zoom motor reset	88-90				
	Reserved	91-105				
	Fog fan off	106-108				
	Fog fan auto	109-111				

Mode/Channel				Function	Value	Default Value	
26	26	26	26	Reset, Internal Programs	Fog fan on	112-114	0
					Reserved	115-255	
27	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	
					Chase 7	40-44	
					Chase 8	45-49	
					Chase 9	50-54	
					Chase 10	55-59	
					Chase 11	60-64	
					Chase 12	65-69	
					Chase 13	70-74	
					Chase 14	75-79	
					Chase 15	80-84	
					Chase 16	85-89	
					Chase 17	90-94	
					Chase 18	95-99	
					Chase 19	100-104	
					Chase 20	105-109	
					Chase 21	110-114	
Chase 22	115-119						
Reserved	120-255						
28	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	29	Main LED Chase Fade	0-255	0	
30	30	30	30	Main LED Chase Size: Chase Category	0-255	0	
31	31	31	31	Red Chase Colour: Red (0-Black , 255-100% Red)	0-255	255	
32	32	32	32	Green Chase Colour: Green (0-Black , 255-100% Green)	0-255	255	
33	33	33	33	Blue Chase Colour: Blue (0-Black , 255-100% Blue)	0-255	255	
34	34	34	34	Lime Chase Colour: White (0-Black , 255-100% White)	0-255	255	
35	35	35	35	Dimmer Chase: Intensity (0-Black , 255-100%)	0-255	0	
36	36	36	36	Dimmer Background Chase: Inverted disabled when chase OFF / Intensity (0-100% , 255-0%)	0-255	0	
37	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	

Mode/Channel				Function	Value	Default Value	
37	37	37	37	Chase, Strobe	Pulse-effect in sequences	128-159	32
					Led turn on	160-191	
					Random strobe effect slow to fast	192-223	
					Led turn on	22-255	
38	38	38	38	Cross Fade To Pixel/Ring Mode: from RGBW control to PIXEL control	0-255	128	
39	39	39	39	Red Led-Ring1: Red (0-Black , 255-100% Red)	0-255	0	
40	40	40	40	Green Led-Ring1: Green (0-Black , 255-100% Green)	0-255	0	
41	41	41	41	Blue Led-Ring1: Blue (0-Black , 255-100% Blue)	0-255	0	
42	42	42	42	Lime Led-Ring 1: Lime (0-Black , 255-100% Lime)	0-255	0	
43	43	43	43	Red LED-Ring2: Red (0-Black , 255-100% Red)	0-255	0	
44	44	44	44	Green LED-Ring2: Green (0-Black , 255-100% Green)	0-255	0	
45	45	45	45	Blue LED-Ring2: Blue (0-Black , 255-100% Blue)	0-255	0	
46	46	46	46	Lime LED-Ring2: Lime (0-Black , 255-100% Lime)	0-255	0	
39	39	39	39	Red LED-Array1: Red (0-Black , 255-100% Red)	0-255	0	
40	40	40	40	Green LED-Array 1: Green (0-Black , 255-100% Green)	0-255	0	
41	41	41	41	Blue LED-Array 1: Blue (0-Black , 255-100% Blue)	0-255	0	
42	42	42	42	Lime LED-Array 1: Lime (0-Black , 255-100% Lime)	0-255	0	
43	43	43	43	Red LED-Array 2: Red (0-Black , 255-100% Red)	0-255	0	
44	44	44	44	Green LED-Array 2: Green (0-Black , 255-100% Green)	0-255	0	
45	45	45	45	Blue LED-Array 2: Blue (0-Black , 255-100% Blue)	0-255	0	
46	46	46	46	Lime LED-Array 2: Lime (0-Black , 255-100% Lime)	0-255	0	
...							
83	83	83	83	Red LED-Array 12: Red (0-Black , 255-100% Red)	0-255	0	
84	84	84	84	Green LED-Array 12: Green (0-Black , 255-100% Green)	0-255	0	
85	85	85	85	Blue LED-Array 12: Blue (0-Black , 255-100% Blue)	0-255	0	
86	86	86	86	Lime LED-Array 12: Lime (0-Black , 255-100% Lime)	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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