

DMX CHANNEL'S FUNCTIONS AND THEIR VALUES (26 TO 199 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
					Blackout by movement	226-235
					Reserved	236-255
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
					Backwards Pan rotation from slow to fast	194-255
7	7	7	7	Tilt Motor continuous rotation	Stop rotation by spinout	0-63
					Stop rotation by shortcut	64-127
					Forwards Tilt rotation from fast to slow	128-189
					No rotation	190-193
					Backwards Tilt rotation from slow to fast	194-255
8	8	8	8		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
					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	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
					8000 K - 7500 K	22-42
					7500 K - 7000 K	43-63

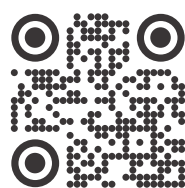
Mode/ Channels				Function	Value	Default Value
19	19	19	19	Linear CTO From 8000 To 2700 K	7000 K - 6500 K	64-84
					6500 K - 6000 K	85-105
					6000 K - 5500 K	106-126
					5500 K - 5000 K	127-147
					5000 K - 4500 K	148-168
					4500 K - 4000 K	169-189
					4000 K - 3500 K	190-210
					3500 K - 3000 K	211-231
					3000 K - 2500 K	232-255
20	20	20	20	Colour Preset: See Appendix	0-255	0
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	128
24	24	24	24	Zoom Fine	0-255	0
25	25	25	25	Effect/Background Prorate: Prorate between effect from channel44 and background	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

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
					Pan Degree 540°	91-93
					Pan Degree 630°	94-96
					Pan Degree 360SC	97-99
					Tilt Degree 540°	100-102
					Tilt Degree 270°	103-105
					Tilt Degree 360SC	106-108
					Pan/Tilt Spd Fast	109-111
					Pan/Tilt Spd Medium	112-114
					Pan/Tilt Spd Slow	115-117
					Pan/Tilt Spd Tracking 360	118-120
					Reserved	121-255
				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	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	29	Main LED Chase Fade	0-255	0
30	30	30	30	Main LED Chase Size:	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	White 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
					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

Mode/ Channels				Function	Value	Default Value
37	37	37	37	Chase, Strobe	LED turn on	224-255
38	38	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	39	Zonda Effect Dimmer Intensity: Intensity 0 to 100%	0-255	0
40	40	40	40	Zonda Effect Dimmer Intensity Fine	0-255	0
41	41	41	41	Zonda Effect Red Colour: Red (0-Black , 255-100% Red)	0-255	255
42	42	42	42	Zonda Effect Green Colour: Green (0-Black , 255-100% Green)	0-255	255
43	43	43	43	Zonda Effect Blue Colour: Blue (0-Black , 255-100% Green)	0-255	255
44	44	44	44	Zonda Effect Chase Patterns	Off	0-9
					Effect 1	10
					...	...
					Effect 245	255
45	45	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	46	46	Zonda Effect Chase Speed	Fast to Slow Backward	0-125
					Stop (Speed=0)	126-130
					Slow to Fast Forward	131-255

Mode/ Channels			Function	Value	Default Value
47		47	Zonda Background Effect Dimmer Intensity: Intensity 0 to 100%	0-255	0
48		48	Zonda Background Effect Red Colour: Red (0-Black, 255-100% Red)	0-255	255
49		49	Zonda Background Effect Green Colour: Green (0-Black, 255-100% Green)	0-255	255
50		50	Zonda Background Effect Blue Colour: Blue (0-Black, 255-100% Blue)	0-255	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	55
	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
		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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