

DMX CHANNEL'S FUNCTIONS AND THEIR VALUES (46 DMX CHANNELS) - V102

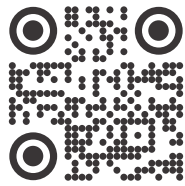
Mode/ Channels			Function	Value	Default Value
Ba	Std	Ext			
1	1	1	PAN Movement 8bit	0-255	170
	2	2	Pan Fine 16bit: Fine control of Pan movement	0-255	0
2	3	3	TILT Movement 8bit	0-255	128
	4	4	Tilt Fine 16bit: Fine control of Tilt movement	0-255	0
3	5	5	Speed Fan/Tilt Movement		0
			Max to min speed	0-225	
			Blackout by movement	226-235	
4	6	6	Pan Motor continuous rotation		0
			Spinout	0-63	
			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				
5	7	7	Tilt Motor continuous rotation		0
			Spinout	0-63	
			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				
6	8		Red LED-All Arrays: Red (0-Black, 255-100% Red)	0-255	55
7	9		Green LED-All Arrays: Green (0-Black, 255-100% Green)	0-255	255
8	10		Blue LED-All Arrays: Blue (0-Black, 255-100% Blue)	0-255	255
9	11		White LED-All Arrays: White (0-Black, 255-100% White)	0-255	255
	19		Red LED-Array 1: Red (0-Black , 255-100% Red)	0-255	255
	20		Green LED-Array 1: Green (0-Black , 255-100% Green)	0-255	255
	21		Blue LED-Array 1: Blue (0-Black , 255-100% Blue)	0-255	255
	22		White LED-Array 1: White (0-Black , 255-100% White)	0-255	255
	23		Red LED-Array 2: Red (0-Black , 255-100% Red)	0-255	255
	24		Green LED-Array 2: Green (0-Black , 255-100% Green)	0-255	255
	25		Blue LED -Array 2: Blue (0-Black , 255-100% Blue)	0-255	255
	26		White LED -Array 2: White (0-Black , 255-100% White)	0-255	255
...					
	43		Red LED-Array 7: Red (0-Black , 255-100% Red)	0-255	255
	44		Green LED-Array 7: Green (0-Black , 255-100% Green)	0-255	255
	45		Blue LED -Array 7: Blue (0-Black , 255-100% Blue)	0-255	255
	46		White LED -Array 7: White (0-Black , 255-100% White)	0-255	255
10	12	8	Shutter, Strobe		32
			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	

Mode/ Channels			Function	Value	Default Value
10	12	8	Shutter, Strobe	Random strobe effect slow to fast	192-223
			LED turn on	224-255	32
11	13	9	Dimmer Intensity: Intensity 0 to 100%	0-255	0
12	14	10	Colour Macro		0
			No function	0-7	
			From RED to YELLOW	8-39	
			From YELLOW to GREEN	40-71	
			From GREEN to CYAN	72-103	
			From CYAN to BLUE	104-135	
			From BLUE to MAGENTA	136-167	
			From MAGENTA to RED	168-199	
From RED to WHITE	200-231				
Crossfading colours from slow to fast	232-255				
13	15	11	Colour Presets		0
			No function	0-4	
			White 2700 K	5-9	
			White 3200 K	10-14	
			White 4200 K	15-19	
			White 5600 K	20-24	
			White 6500 K	25-29	
			White 8000 K	30-34	
			Yellow	35-39	
			Magenta	40-44	
			Cyan	45-49	
			Salmon	50-54	
			Turquoise	55-59	
			Light Green	60-64	
			Steel Blue	65-69	
			Orange	70-74	
			Straw	75-79	
			Pale Lavender	80-84	
			Pink	85-89	
			Red	90-94	
Green	95-99				
Blue	100-104				
White	105-109				
Rainbow 1	110-114				
Rainbow 2	115-119				
Rainbow 3	120-124				
Reserved	125-129				
Rainbow 3	130-134				
Rainbow 2	135-139				
Rainbow 1	140-144				
White	145-149				

Mode/Channels			Function	Value	Default Value	
13	15	11	Colour Presets	Blue	150-154	0
				Green	155-159	
				Red	160-164	
				Pink	165-169	
				Pale Lavender	170-174	
				Straw	175-179	
				Orange	180-184	
				Steel Blue	185-189	
				Light Green	190-194	
				Turquoise	195-199	
				Salmon	200-204	
				Cyan	205-209	
				Magenta	210-214	
				Yellow	215-219	
				White 8000 K	220-224	
				White 6500 K	225-229	
				White 5600 K	230-234	
				White 4200 K	235-239	
				White 3200 K	240-244	
				White 2700 K	245-249	
Reserved	250-255					
14	16	12	Colour Presets Dimmer: Dimmer 0% to 100%	0-255	0	
15	17	13	Chase Patterns	Chase turn off	1-14	0
				Chase 1	15-30	
				Chase 2	31-46	
				Chase 3	47-62	
				Chase 4	63-78	
				Chase 5	79-94	
				Chase 6	95-110	
				Chase 7	111-126	
				Chase 8	127-142	
				Chase 9	143-158	
				Chase 10	159-174	
				Chase 11	175-190	
				Chase 12	191-206	
				Chase 13	207-222	
				Chase 14	223-238	
				Chase 15	239-255	
16	18	14	Chase Speed	Fast to Slow Backward	0-125	0
				Stop (Speed = 0)	126-130	
				Slow to Fast Forward	131-255	
15	17	19	Chase Fade	0-255	0	

Mode/Channels			Function	Value	Default Value	
18	20	16	Zoom: From small to big	0-255	128	
	21	17	Zoom Fine	0-255	0	
19	22	18	Control, Reset, Internal Programs	Normal	0-9	0
				Pan range 630°	10-14	
				Pan range 540°	15-19	
				Tilt range 540°	20-24	
				Tilt range 270°	25-29	
				Flip pixel On	30-34	
				Flip pixel Off	35-39	
				No function	40-79	
				All motor reset	80-84	
				Pan & Tilt motor reset	85-87	
				No function	88-90	
				No function	91-93	
				No function	94-96	
				Others motor reset	97-99	
				Internal program 1 (scene1~8 of EEPROM)	100-119	
				Internal program 2 (scene9~16 of EEPROM)	120-139	
				Internal program 3 (scene17~24 of EEPROM)	140-159	
				Internal program 4 (scene25~32 of EEPROM)	160-179	
				Internal program 5 (scene33~40 of EEPROM)	180-199	
				Internal program 6 (scene41~48 of EEPROM)	200-219	
Internal program 7 (scene49~56 of EEPROM)	220-239					
Reserved	240-255					

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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