

DMX channel's functions and their values (18/20/44 DMX channels):				
Mode/Channel			Value	Function
St	Ba	Ex		
1	1	1		<b>PAN Movement 8bit :</b>
			0-255	Pan Movement
2		2		<b>Pan Fine 16bit</b>
			0-255	Fine control of Pan movement
3	2	3		<b>TILT Movement 8bit :</b>
			0-255	Tilt Movement
4		4		<b>Tilt Fine 16bit</b>
			0-255	Fine control of Tilt movement
5	3	5		<b>Speed Pan/Tilt movement:</b>
			0-225	max to min speed
			226-235	blackout by movement
			236-255	no function
6	4	6		<b>Pan Motor continuous rotation</b>
			0-127	no function
			128-189	Forwards Pan rotation from fast to slow
			190-193	No rotation
7	5	7		<b>Tilt Motor continuous rotation</b>
			0-127	no function
			128-189	Forwards Tilt rotation from fast to slow
			190-193	No rotation
8	6			<b>Red LED -all arrays :</b>
			0-255	Red ( 0-Black , 255-100% Red )
9	7			<b>Green LED-all arrays :</b>
			0-255	Green ( 0-Black , 255-100% Green )
10	8			<b>Blue LED -all arrays :</b>
			0-255	Blue ( 0-Black , 255-100% Blue )
11	9			<b>White LED -all arrays :</b>
			0-255	White ( 0-Black , 255-100% White )
		16		<b>Red LED -array 1 :</b>
			0-255	Red ( 0-Black , 255-100% Red )
		17		<b>Green LED-array 1 :</b>
			0-255	Green ( 0-Black , 255-100% Green )
		18		<b>Blue LED -array 1 :</b>
			0-255	Blue ( 0-Black , 255-100% Blue )
		19		<b>White LED -array 1 :</b>
			0-255	White ( 0-Black , 255-100% White )
		20		<b>Red LED -array 2 :</b>
			0-255	Red ( 0-Black , 255-100% Red )
		21		<b>Green LED-array 2 :</b>
			0-255	Green ( 0-Black , 255-100% Green )
		22		<b>Blue LED -array 2 :</b>
			0-255	Blue ( 0-Black , 255-100% Blue )

	23		<b>White LED -array 2 :</b>
	0-255		White ( 0-Black , 255-100% White )
	24		<b>Red LED -array 3 :</b>
	0-255		Red ( 0-Black , 255-100% Red )
	25		<b>Green LED-array 3 :</b>
	0-255		Green ( 0-Black , 255-100% Green )
	26		<b>Blue LED -array 3 :</b>
	0-255		Blue ( 0-Black , 255-100% Blue )
	27		<b>White LED -array 3:</b>
	0-255		White ( 0-Black , 255-100% White )
	28		<b>Red LED -array 4 :</b>
	0-255		Red ( 0-Black , 255-100% Red )
	29		<b>Green LED-array 4 :</b>
	0-255		Green ( 0-Black , 255-100% Green )
	30		<b>Blue LED -array 4 :</b>
	0-255		Blue ( 0-Black , 255-100% Blue )
	31		<b>White LED -array 4:</b>
	0-255		White ( 0-Black , 255-100% White )
	32		<b>Red LED -array 5 :</b>
	0-255		Red ( 0-Black , 255-100% Red )
	33		<b>Green LED-array 5 :</b>
	0-255		Green ( 0-Black , 255-100% Green )
	34		<b>Blue LED -array 5:</b>
	0-255		Blue ( 0-Black , 255-100% Blue )
	35		<b>White LED -array 5:</b>
	0-255		White ( 0-Black , 255-100% White )
	36		<b>Red LED -array 6 :</b>
	0-255		Red ( 0-Black , 255-100% Red )
	37		<b>Green LED-array 6 :</b>
	0-255		Green ( 0-Black , 255-100% Green )
	38		<b>Blue LED -array 6 :</b>
	0-255		Blue ( 0-Black , 255-100% Blue )
	39		<b>White LED -array 6:</b>
	0-255		White ( 0-Black , 255-100% White )
	40		<b>Red LED -array 7 :</b>
	0-255		Red ( 0-Black , 255-100% Red )
	41		<b>Green LED-array 7 :</b>
	0-255		Green ( 0-Black , 255-100% Green )
	42		<b>Blue LED -array 7 :</b>
	0-255		Blue ( 0-Black , 255-100% Blue )
	43		<b>White LED -array 7:</b>
	0-255		White ( 0-Black , 255-100% White )

12	10	8		<b>Shutter, strobe:</b>
			0-31	Led turn off
			32-63	Led turn on
			64-95	Strobe effect slow to fast
			96-127	Led turn on
			128-159	Pulse-effect in sequences
			160-191	Led turn on
			192-223	Random strobe effect slow to fast
13	11	9		<b>Dimmer intensity:</b>
			0-255	Intensity 0 to 100%
14	12	10		<b>Color Macro:</b>
			0-7	No function
			8-39	from RED to YELLOW
			40-71	from YELLOW to GREEN
			72-103	from GREEN to CYAN
			104-135	from CYAN to BLUE
			136-167	from BLUE to MAGENTA
			168-199	from MAGENTA to RED
			200-231	from RED to WHITE
			232-255	Crossfading colours from slow to fast
15	13	11		<b>Color Presets:</b>
			0-4	No function
			5-9	White2700k
			10-14	White3200k
			15-19	White4300k
			20-24	White5600k
			25-29	White6500k
			30-34	White8000k
			35-39	Red
			40-44	Green
			45-49	Blue
			50-54	Natural White
			55-59	Full White
			60-64	Yellow
			65-69	Magenta
			70-74	Cyan
			75-79	Salmon
			80-84	Turquoise
			85-89	Light Green
			90-94	Steel Blue
			95-99	Orange
			100-104	Straw
			105-109	Pale Lavander
			110-114	Pink
			115-119	RED/WHITE
			120-124	GREEN/RED
			125-129	BLUE/RED
			130-134	WHITE/RED
			135-139	WHITE/PINK
			140-144	WHITE/TURQUOISE
			145-149	SMALL RED/WHITE
			150-255	Reserved

16	14	12		<b>Color Presets Dimmer:</b>
			0-255	Dimmer 100 to 0%
17	15	13		<b>Chase Patterns:</b>
			1--14	Led trun off
			15-30	Chase 1
			31-46	Chase 2
			47-62	Chase 3
			63-78	Chase 4
			79-94	Chase 5
			95-110	Chase 6
			111-126	Chase 7
			127-142	Chase 8
			143-158	Chase 9
			159-174	Chase 10
			175-190	Chase 11
			191-206	Chase 12
			207-222	Chase 13
18	16	14		<b>Chase Speed:</b>
			0-125	Fast to Slow Backward
			126-130	Stop(Speed=0)
			131-255	Slow to Fast Forward
19	17	15		<b>Chase Fade:</b>
			0-255	Fade Chase
20	18	44		<b>Reset, internal programs:</b>
			0-79	Normal
			80-84	All motor reset
			85-87	Scan motor reset
			88-90	no function
			91-93	no function
			94-96	no function
			97-99	no function
			100-119	Internal program 1 (secne1~8 of EEPROM)
			120-139	Internal program 2 (secne9~16 of EEPROM)
			140-159	Internal program 3 (secne17~24 of EEPROM)
			160-179	Internal program 4 (secne25~32 of EEPROM)
			180-199	Internal program 5 (secne33~40 of EEPROM)
			200-219	Internal program 6 (secne41~48 of EEPROM)
			220-239	Internal program 7 (secne49~56 of EEPROM)
			240-255	Music Control (secne of Program 1)