

DMX channel's functions and their values (160 DMX channels)				
Mode/Channel			Value	Function
St	Ba	Ex		
1	1	1		PAN Movement 8bit
			0-255	Pan Movement
2		2		Pan Fine 16bit
			0-255	Fine control of Pan movement
3	2	3		TILT Movement 8bit
			0-255	Tilt Movement
4		4		Tilt Fine 16bit
			0-255	Fine control of Tilt movement
5	3	5		Speed Pan/Tilt movement
			0-225	max to min speed
			226-235	blackout by movement
6	4	6		Pan Motor continuous rotation
			0-127	no function
			128-189	Forwards Pan rotation from fast to slow
			190-193	No rotation
			194-255	Backwards Pan rotation from slow to fast
7	5	7		Tilt Motor continuous rotation
			0-127	no function
			128-189	Forwards Tilt rotation from fast to slow
			190-193	No rotation
			194-255	Backwards Tilt rotation from slow to fast
8	6			Red LED - all arrays
			0-255	Red (0-Black , 255-100% Red)
9	7			Green LED-all arrays :
			0-255	Green (0-Black , 255-100% Green)
10	8			Blue LED -all arrays :
			0-255	Blue (0-Black , 255-100% Blue)
11	9			White LED -all arrays :
			0-255	White (0-Black , 255-100% White)
		17		Red LED -array 1 :
			0-255	Red (0-Black , 255-100% Red)
		18		Green LED-array 1 :
			0-255	Green (0-Black , 255-100% Green)
		19		Blue LED -array 1 :
			0-255	Blue (0-Black , 255-100% Blue)
		20		White LED -array 1 :
			0-255	White (0-Black , 255-100% White)
		21		Red LED -array 2 :
			0-255	Red (0-Black , 255-100% Red)
		22		Green LED-array 2 :
			0-255	Green (0-Black , 255-100% Green)
		23		Blue LED -array 2 :
			0-255	Blue (0-Black , 255-100% Blue)
		24		White LED -array 2 :
			0-255	White (0-Black , 255-100% White)
			...	
		157		Red LED -array 36 :
			0-255	Red (0-Black , 255-100% Red)
		158		Green LED-array 36 :
			0-255	Green (0-Black , 255-100% Green)
		159		Blue LED -array 36 :
			0-255	Blue (0-Black , 255-100% Blue)
		160		White LED -array 36 :
			0-255	White (0-Black , 255-100% White)

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Mode/Channel			Value	Function
St	Ba	Ex		
12	10	8		Shutter, strobe:
			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		Dimmer intensity:
			0-255	Intensity 0 to 100%
14	12	10		Color Macro:
			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		Color Presets:
			0-4	No function
			5--9	White2700k
			10--14	White3200k
			15-19	White4200k
			20-24	White5600k
			25-29	White6500k
			30-34	White8000k
			35-39	Yellow
			40-44	Magenta
			45-49	Cyan
			50-54	Salmon
			55-59	Turquoise
			60-64	Light Green
			65-69	Steel Blue
			70-74	Orange
			75-79	Straw
			80-84	Pale Lavander
			85-89	Pink
			90-94	Red
			95-99	Green
			100-104	Blue
			105-109	Rainbow1
			110-104	Rainbow2
			115-119	Rainbow3
			120-124	Rainbow4
			125-129	Rainbow5
			130-134	Rainbow6
			135-139	Rainbow7
			140-144	Rainbow8
			145-149	Rainbow9
			150-154	Rainbow10
			155-159	Rainbow11
			160-164	Rainbow12

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St	Ba	Ex		
15	13	11		Color Presets:
			165-169	Rainbow13
			170-174	Rainbow14
			175-179	Rainbow15
			180-184	Rainbow16
			185-189	Rainbow17
			190-194	Rainbow18
			195-199	Rainbow19
			200-255	Reserved
19	17	15		Color Presets Dimmer:
			0-255	Dimmer 100 to 0%
16	14	12		Chase Patterns:
			0--9	Led trun off
			10--13	Chase 1
			14--17	Chase 2
			18--21	Chase 3
			22--25	Chase 4
			26--29	Chase 5
			30--33	Chase 6
			34--37	Chase 7
			38--41	Chase 8
			42--45	Chase 9
			46-49	Chase 10
			50--53	Chase 11
			54--57	Chase 12
			58--61	Chase 13
			62--65	Chase 14
			66--69	Chase 15
			70--73	Chase 16
			74--77	Chase 17
			78--81	Chase 18
			82--85	Chase 19
			86--89	Chase 20
			90--93	Chase 21
			94--97	Chase 22
			98--101	Chase 23
			102--105	Chase 24
			106--109	Chase 25
			110--113	Chase 26
			114--117	Chase 27
			118--121	Chase 28
			122--125	Chase 29
			126--129	Chase 30
			130--133	Chase 31
			134--137	Chase 32
			138--141	Chase 33
			142--145	Chase 34
			146--149	Chase 35
			150--153	Chase 36
			154--157	Chase 37
			158--161	Chase 38
			162--165	Chase 39
			166--167	Chase 40
			170--173	Chase 41
			174--177	Chase 42
			178--181	Chase 43
			182--185	Chase 44
			186--189	Chase 45
			190--193	Chase 46

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St	Ba	Ex		
16	14	12		Chase Patterns:
			194--197	Chase 47
			198--201	Chase 48
			202--205	Chase 49
			206--209	Chase 50
			210--213	Chase 51
			214--217	Chase 52
			218--221	Chase 53
			222--225	Chase 54
			226--229	Chase 55
			230--233	Chase 56
			234--237	Chase 57
			238--255	Reserved
17	15	13		Chase Speed:
			0-125	Fast to Slow Backward
			126-130	Stop(Speed=0)
18	16	14		Chase Fade:
			0-255	Fade Chase
20	18	16		Reset, internal programs:
			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	Others motor reset
			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)