

**MAGICDOT DMX CHART**

**Mode 15/17 channels**

Mode/Channel		Value	Function
St	Ba		
1	1		<b><u>PAN Movement 8bit :</u></b>
		0-255	Pan Movement
2			<b><u>Pan Fine 16bit</u></b>
		0-255	Fine control of Pan movement
3	2		<b><u>TILT Movement 8bit :</u></b>
		0-255	Tilt Movement
4			<b><u>Tilt Fine 16bit</u></b>
		0-255	Fine control of Tilt movement
5	3		<b><u>Speed Pan/Tilt movement:</u></b>
		0-225	max to min speed
		226-235	blackout by movement
		236-255	no function
6	4		<b><u>Pan Motor continuous rotation</u></b>
		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		<b><u>Tilt Motor continuous rotation</u></b>
		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		<b><u>Red LED</u></b>
		0-255	Red ( 0-Black , 255-100% Red )
9	7		<b><u>Green LED</u></b>
		0-255	Green ( 0-Black , 255-100% Green )
10	8		<b><u>Blue LED</u></b>
		0-255	Blue ( 0-Black , 255-100% Blue )
11	9		<b><u>White LED</u></b>
		0-255	White ( 0-Black , 255-100% White )
12	10		<b><u>Shutter, strobe:</u></b>
		0-31	Led trun 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
224-255	Led turn on		
13	11		<b><u>Dimmer intensity:</u></b>
		0-255	Intensity 0 to 100%

14	12		<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		<b>Color Presets:</b>
		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	White	
	200-255	Reserved	
16	14		<b>Color Presets Dimmer :</b>
		0-255	Dimmer 100 to 0%
17	15		<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	Internal program 7 (secne57~64 of EEPROM)	