

MAGICDOT SX DMX CHART

DMX channel's functions and their values (16-19 DMX channels):

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Mode/Channel		Value	Function
St	Ba		
1	1		PAN Movement 8bit :
		0-255	Pan Movement
2			Pan Fine 16bit
		0-255	Fine control of Pan movement
3	2		TILT Movement 8bit :
		0-255	Tilt Movement
4			Tilt Fine 16bit
		0-255	Fine control of Tilt movement
5	3		Speed Pan/Tilt movement:
		0-225	max to min speed
		226-235	blackout by movement
		236-255	no function
6	4		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		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
		0-255	Red (0-Black , 255-100% Red)
9	7		Green LED
		0-255	Green (0-Black , 255-100% Green)
10	8		Blue LED
		0-255	Blue (0-Black , 255-100% Blue)
11	9		White LED
		0-255	White (0-Black , 255-100% White)
12	10		Shutter, strobe:
		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		Dimmer intensity:
		0-255	Intensity 0 to 100%
14	12		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	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	White		
200-255	Reserved		
16	14	Color Presets Dimmer:	
		0-255	Dimmer 0% to 100%
17	15	Zoom	
		0-255	Zoom adjustment
18		Zoom Fine	
		0-255	Fine control for zoom adjustment
19	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	no function
		100-119	Internal program 1 (scene1~8 of EEPROM)
		120-139	Internal program 2 (scene9~16 of EEPROM)
		140-159	Internal program 3 (scene17~24 of EEPROM)
		160-179	Internal program 4 (scene25~32 of EEPROM)
		180-199	Internal program 5 (scene33~40 of EEPROM)
		200-219	Internal program 6 (scene41~48 of EEPROM)
		220-239	Internal program 7 (scene49~56 of EEPROM)
240-255	Internal program 8 (scene57~64 of EEPROM)		

