



MAGICBLADE FX DMX CHART

DMX channel's functions and their values (19 - 22 - 46 DMX channels):

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Mode/Channel			Value	Function
St	Ba	Ex		
1	1	1	0-255	PAN Movement 8bit : Pan Movement
2		2	0-255	Pan Fine 16bit Fine control of Pan movement
3	2	3	0-255	TILT Movement 8bit : Tilt Movement
4		4	0-255	Tilt Fine 16bit Fine control of Tilt movement
5	3	5	0-225 226-235 236-255	Speed Pan/Tilt movement: max to min speed blackout by movement no function
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		0-255	Red LED - all arrays : Red (0-Black , 255-100% Red)
9	7		0-255	Green LED - all arrays : Green (0-Black , 255-100% Green)
10	8		0-255	Blue LED - all arrays : Blue (0-Black , 255-100% Blue)
11	9		0-255	White LED - all arrays : White (0-Black , 255-100% White)
		19	0-255	Red LED - array 1 : Red (0-Black , 255-100% Red)
		20	0-255	Green LED - array 1 : Green (0-Black , 255-100% Green)
		21	0-255	Blue LED - array 1 : Blue (0-Black , 255-100% Blue)
		22	0-255	White LED - array 1 : White (0-Black , 255-100% White)
		23	0-255	Red LED - array 2 : Red (0-Black , 255-100% Red)
		24	0-255	Green LED - array 2 : Green (0-Black , 255-100% Green)
		25	0-255	Blue LED - array 2 : Blue (0-Black , 255-100% Blue)
		26	0-255	White LED - array 2 : White (0-Black , 255-100% White)
			
		43	0-255	Red LED - array 7 : Red (0-Black , 255-100% Red)
		44	0-255	Green LED - array 7 : Green (0-Black , 255-100% Green)
		45	0-255	Blue LED - array 7 : Blue (0-Black , 255-100% Blue)
		46	0-255	White LED - array 7 : White (0-Black , 255-100% White)

12	10	8	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 224-255 LED turn on	Shutter, strobe:
13	11	9	0-255	Dimmer intensity: Intensity 0 to 100%
14	12	10	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	Color Macro:
15	13	11	0-4 No function 5-9 White 2700k 10-14 White 3200k 15-19 White 4200k 20-24 White 5600k 25-29 White 6500k 30-34 White 8000k 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 104-109 Rainbow 1 110-114 Rainbow 2 115-119 Rainbow 3 120-124 Rainbow 4 125-129 Rainbow 5 130-134 Rainbow 6 135-139 Rainbow 7 140-144 Rainbow 8 145-149 Rainbow 9 150-154 Rainbow 10 155-159 Rainbow 11 160-164 Rainbow 12 165-169 Rainbow 13 170-174 Rainbow 14 175-179 Rainbow 15 180-184 Rainbow 16 185-189 Rainbow 17 190-194 Rainbow 18 195-199 Rainbow 19 200-255 Reserved	Color Presets:
16	14	12	0-255	Color Presets Dimmer: Dimmer 0% to 100%

17	15	13	<p>Chase Patterns:</p> 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 13 223-238 Chase 14 239-255 Chase 15
18	16	14	<p>Chase Speed:</p> 0-125 Fast to Slow Backward 126-130 Stop(Speed=0) 131-255 Slow to Fast Forward
19	17	15	<p>Chase Fade:</p> 0-255 Fade Chase
20	18	16	<p>Zoom :</p> 0-255 Zoom adjustment from 3,6 to 53
21		17	<p>Zoom Fine :</p> 0-255 Fine control for Zoom adjustment
22	19	18	<p>Reset, internal programs:</p> 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 (scene 1~8 of EEPROM) 120-139 Internal program 2 (scene 9~16 of EEPROM) 140-159 Internal program 3 (scene 17~24 of EEPROM) 160-179 Internal program 4 (scene 25~32 of EEPROM) 180-199 Internal program 5 (scene 33~40 of EEPROM) 200-219 Internal program 6 (scene 41~48 of EEPROM) 220-239 Internal program 7 (scene 49~56 of EEPROM) 240-255 Reserved