

**AYRTON MagicBLAD R :**

**DMX channel's functions and their values (44 DMX channels):**

Mode/Channel			Value	Function
St	Ba	Ex		
1	1	1	0-255	<b>PAN Movement 8bit :</b> Pan Movement
2		2	0-255	<b>Pan Fine 16bit</b> Fine control of Pan movement
3	2	3	0-255	<b>TILT Movement 8bit :</b> Tilt Movement
4		4	0-255	<b>Tilt Fine 16bit</b> Fine control of Tilt movement
5	3	5	0-225 226-235 236-255	<b>Speed Pan/Tilt movement:</b> max to min speed blackout by movement 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
194-255	Backwards Pan rotation from slow to fast			
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
194-255	Backwards Tilt rotation from slow to fast			
8	6		0-255	<b>Red LED -all arrays :</b> Red ( 0-Black , 255-100% Red )
9	7		0-255	<b>Green LED-all arrays :</b> Green ( 0-Black , 255-100% Green )
10	8		0-255	<b>Blue LED -all arrays :</b> Blue ( 0-Black , 255-100% Blue )
11	9		0-255	<b>White LED -all arrays :</b> White ( 0-Black , 255-100% White )
		17	0-255	<b>Red LED -array 1 :</b> Red ( 0-Black , 255-100% Red )
		18	0-255	<b>Green LED-array 1 :</b> Green ( 0-Black , 255-100% Green )
		19	0-255	<b>Blue LED -array 1 :</b> Blue ( 0-Black , 255-100% Blue )
		20	0-255	<b>White LED -array 1 :</b> White ( 0-Black , 255-100% White )
		21	0-255	<b>Red LED -array 2 :</b> Red ( 0-Black , 255-100% Red )
		22	0-255	<b>Green LED-array 2 :</b> Green ( 0-Black , 255-100% Green )
		23	0-255	<b>Blue LED -array 2 :</b> Blue ( 0-Black , 255-100% Blue )
		24	0-255	<b>White LED -array 2 :</b> White ( 0-Black , 255-100% White )
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		41	0-255	<b>Red LED -array 7 :</b> Red ( 0-Black , 255-100% Red )
		42	0-255	<b>Green LED-array 7 :</b> Green ( 0-Black , 255-100% Green )
		43	0-255	<b>Blue LED -array 7 :</b> Blue ( 0-Black , 255-100% Blue )
		44	0-255	<b>White LED -array 7 :</b> White ( 0-Black , 255-100% White )

12	10	8	<p><b>Shutter, strobe:</b></p> <p>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</p>
13	11	9	<p><b>Dimmer intensity:</b></p> <p>0-255 Intensity 0 to 100%</p>
14	12	10	<p><b>Color Macro:</b></p> <p>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</p>
15	13	11	<p><b>Color Presets:</b></p> <p>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  110-114 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  165-169 Rainbow13  170-174 Rainbow14  175-179 Rainbow15  180-184 Rainbow16  185-189 Rainbow17  190-194 Rainbow18  195-199 Rainbow19  200-255 Reserved</p>
19	17	15	<p><b>Color Presets Dimmer:</b></p> <p>0-255 Dimmer 100 to 0%</p>

16	14	12	<p><b>Chase Patterns:</b></p> <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</p>
17	15	13	<p><b>Chase Speed:</b></p> <p>0-125 Fast to Slow Backward  126-130 Stop(Speed=0)  131-255 Slow to Fast Forward</p>
18	16	14	<p><b>Chase Fade:</b></p> <p>0-255 Fade Chase</p>
20	18	16	<p><b>Reset, internal programs:</b></p> <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 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)</p>