

AYRTON MagicPanel R :

DMX channel's functions and their values (116 DMX channels):

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	0-127 128-189 190-193 194-255	Pan Motor continuous rotation no function Forwards Pan rotation from fast to slow No rotation Backwards Pan rotation from slow to fast
7	5	7	0-127 128-189 190-193 194-255	Tilt Motor continuous rotation no function Forwards Tilt rotation from fast to slow No rotation 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)
		17	0-255	Red LED - array 1 : Red (0-Black , 255-100% Red)
		18	0-255	Green LED- array 1 : Green (0-Black , 255-100% Green)
		19	0-255	Blue LED - array 1 : Blue (0-Black , 255-100% Blue)
		20	0-255	White LED - array 1 : White (0-Black , 255-100% White)
		21	0-255	Red LED - array 2 : Red (0-Black , 255-100% Red)
		22	0-255	Green LED - array 2 : Green (0-Black , 255-100% Green)
		23	0-255	Blue LED - array 2 : Blue (0-Black , 255-100% Blue)
		24	0-255	White LED -array 2 : White (0-Black , 255-100% White)
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		113	0-255	Red LED - array 25 : Red (0-Black , 255-100% Red)
		114	0-255	Green LED- array 25 : Green (0-Black , 255-100% Green)
		115	0-255	Blue LED - array 25 : Blue (0-Black , 255-100% Blue)
		116	0-255	White LED - array 25 : White (0-Black , 255-100% White)

12	10	8	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	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 White 110-114 Rainbow1 115-119 Rainbow2 120-124 Rainbow3 125-225 Reserved
19	17	15	Color Presets Dimmer: 0-255 Dimmer 100 to 0%

			Chase Patterns:
			0--9 Led trun off
			10--11 Chase 1
			12--13 Chase 2
			14--15 Chase 3
			16--17 Chase 4
			18--19 Chase 5
			20--21 Chase 6
			22--23 Chase 7
			24--25 Chase 8
			26--27 Chase 9
			28--29 Chase 10
			30--31 Chase 11
			32--33 Chase 12
			34--35 Chase 13
			36--37 Chase 14
			38--39 Chase 15
			40--41 Chase 16
			42--43 Chase 17
			44--45 Chase 18
			46--47 Chase 19
			48--49 Chase 20
			50--51 Chase 21
			52--53 Chase 22
			54--55 Chase 23
			56--57 Chase 24
			58--59 Chase 25
			60--61 Chase 26
			62--63 Chase 27
			64--65 Chase 28
			66--67 Chase 29
			68--69 Chase 30
			70--71 Chase 31
			72--73 Chase 32
			74--75 Chase 33
			76--77 Chase 34
			78--79 Chase 35
			80--81 Chase 36
			82--83 Chase 37
			84--85 Chase 38
			86--87 Chase 39
			88--89 Chase 40
			90--91 Chase 41
			92--93 Chase 42
			94--95 Chase 43
			96--97 Chase 44
			98--99 Chase 45
			100--101 Chase 46
			102--103 Chase 47
			104--105 Chase 48
			106--107 Chase 49
			108--109 Chase 50
			110--111 Chase 51
			112--113 Chase 52
			114--115 Chase 53
			116--117 Chase 54
			118--119 Chase 55
16	14	12	120--121 Chase 56
			122--123 Chase 57
			124--125 Chase 58
			126--127 Chase 59
			128--129 Chase 60
			130--131 Chase 61
			132--133 Chase 62
			134--135 Chase 63
			136--137 Chase 64
			138--139 Chase 65
			140--141 Chase 66
			142--143 Chase 67
			144--145 Chase 68
			146--147 Chase 69
			148--149 Chase 70
			150--151 Chase 71
			152--153 Chase 72
			154--155 Chase 73
			156--157 Chase 74
			158--159 Chase 75
			160--161 Chase 76

			162--163 Chase 77 164--165 Chase 78 166--167 Chase 79 168--169 Chase 80 170--171 Chase 81 172--173 Chase 82 174--175 Chase 83 176--177 Chase 84 178--179 Chase 85 180--181 Chase 86 182--183 Chase 87 184--185 Chase 88 186--187 Chase 89 188--189 Chase 90 190--191 Chase 91 192--193 Chase 92 194--195 Chase 93 196--197 Chase 94 198--199 Chase 95 200--201 Chase 96 202--203 Chase 97 204--205 Chase 98 206--207 Chase 99 208--209 Chase 100 210--211 Chase 101 212--213 Chase 102 214--215 Chase 103 216--217 Chase 104 218--219 Chase 105 220--221 Chase 106 222--223 Chase 107 224--225 Chase 108 226--227 Chase 109 228--229 Chase 110 230--231 Chase 111 232--233 Chase 112 234--235 Chase 113 236--255 Reserved
17	15	13	Chase Speed: 0-125 Fast to Slow Backward 126-130 Stop(Speed=0) 131-255 Slow to Fast Forward
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 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 Music Control (scene of Program 1)