

**AYRTON NandoBeam S3 :**

**DMX channel's functions and their values (28 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		0-255	<b>Red LED -all arrays :</b> Red ( 0-Black , 255-100% Red )
7	5		0-255	<b>Green LED-all arrays :</b> Green ( 0-Black , 255-100% Green )
8	6		0-255	<b>Blue LED -all arrays :</b> Blue ( 0-Black , 255-100% Blue )
9	7		0-255	<b>White LED -all arrays :</b> White ( 0-Black , 255-100% White )
		16	0-255	<b>Red LED -array 1 :</b> Red ( 0-Black , 255-100% Red )
		17	0-255	<b>Green LED-array 1 :</b> Green ( 0-Black , 255-100% Green )
		18	0-255	<b>Blue LED -array 1 :</b> Blue ( 0-Black , 255-100% Blue )
		19	0-255	<b>White LED -array 1 :</b> White ( 0-Black , 255-100% White )
		20	0-255	<b>Red LED -array 2 :</b> Red ( 0-Black , 255-100% Red )
		21	0-255	<b>Green LED-array 2 :</b> Green ( 0-Black , 255-100% Green )
		22	0-255	<b>Blue LED -array 2 :</b> Blue ( 0-Black , 255-100% Blue )
		23	0-255	<b>White LED -array 2 :</b> White ( 0-Black , 255-100% White )
		24	0-255	<b>Red LED -array 3 :</b> Red ( 0-Black , 255-100% Red )
		25	0-255	<b>Green LED-array 3 :</b> Green ( 0-Black , 255-100% Green )
		26	0-255	<b>Blue LED -array 3 :</b> Blue ( 0-Black , 255-100% Blue )
		27	0-255	<b>White LED -array 3:</b> White ( 0-Black , 255-100% White )
10	8	6	0-31 32-63 64-95 96-127 128-159 160-191 192-223 224-255	<b>Shutter, strobe:</b> Led trun off Led turn on Strobe effect slow to fast Led turn on Pulse-effect in sequences Led turn on Random strobe effect slow to fast Led turn on
11	9	7	0-255	<b>Dimmer intensity:</b> Intensity 0 to 100%
12	10	8	0-7 8-39 40-71 72-103 104-135 136-167 168-199 200-231 232-255	<b>Color Macro:</b> No function from RED to YELLOW from YELLOW to GREEN from GREEN to CYAN from CYAN to BLUE from BLUE to MAGENTA from MAGENTA to RED from RED to WHITE Crossfading colours from slow to fast

13	11	9	<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>
14	12	10	<p><b>Color Presets Dimmer:</b></p> <p>0-255 Dimmer 100 to 0%</p>
15	13	11	<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>
16	14	12	<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>
17	15	13	<p><b>Chase Fade:</b></p> <p>0-255 Fade Chase</p>
18	16	14	<p><b>Zoom :</b></p> <p>0-255 Zoom adjustment from 15 to 60</p>
19		15	<p><b>Zoom Fine :</b></p> <p>0-255 Fine control for Zoom adjustment</p>

20	17	28	<p><b><u>Reset, internal programs:</u></b></p> <p>0-79 Normal</p> <p>80-84 All motor reset</p> <p>85-87 Scan motor reset</p> <p>88-90 no function</p> <p>91-93 no function</p> <p>94-96 no function</p> <p><b>97-99 Others motor reset</b></p> <p>100-119 Internal program 1 (secne1~8 of EEPROM)</p> <p>120-139 Internal program 2 (secne9~16 of EEPROM)</p> <p>140-159 Internal program 3 (secne17~24 of EEPROM)</p> <p>160-179 Internal program 4 (secne25~32 of EEPROM)</p> <p>180-199 Internal program 5 (secne33~40 of EEPROM)</p> <p>200-219 Internal program 6 (secne41~48 of EEPROM)</p> <p>220-239 Internal program 7 (secne49~56 of EEPROM)</p> <p>240-255 Music Control (secne of Program 1)</p>
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