

AYRTON NandoBeam S9:

DMX channel's functions and their values (18/20/36 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		0-255	Red LED -all arrays : Red (0-Black , 255-100% Red)
7	5		0-255	Green LED -all arrays : Green (0-Black , 255-100% Green)
8	6		0-255	Blue LED -all arrays : Blue (0-Black , 255-100% Blue)
9	7		0-255	White LED -all arrays : White (0-Black , 255-100% White)
		16	0-255	Red LED -array 1 : Red (0-Black , 255-100% Red)
		17	0-255	Green LED-array 1 : Green (0-Black , 255-100% Green)
		18	0-255	Blue LED -array 1 : Blue (0-Black , 255-100% Blue)
		19	0-255	White LED -array 1 : White (0-Black , 255-100% White)
		20	0-255	Red LED -array 2 : Red (0-Black , 255-100% Red)
		21	0-255	Green LED-array 2 : Green (0-Black , 255-100% Green)
		22	0-255	Blue LED -array 2 : Blue (0-Black , 255-100% Blue)
		23	0-255	White LED -array 2 : White (0-Black , 255-100% White)
		24	0-255	Red LED -array 3 : Red (0-Black , 255-100% Red)
		25	0-255	Green LED-array 3 : Green (0-Black , 255-100% Green)
		26	0-255	Blue LED -array 3 : Blue (0-Black , 255-100% Blue)
		27	0-255	White LED -array 3: White (0-Black , 255-100% White)
		28	0-255	Red LED -array 4 : Red (0-Black , 255-100% Red)
		29	0-255	Green LED-array 4 : Green (0-Black , 255-100% Green)
		30	0-255	Blue LED -array 4 : Blue (0-Black , 255-100% Blue)
		31	0-255	White LED -array 4: White (0-Black , 255-100% White)
		32	0-255	Red LED -array 5 : Red (0-Black , 255-100% Red)
		33	0-255	Green LED-array 5 : Green (0-Black , 255-100% Green)
		34	0-255	Blue LED -array 5 : Blue (0-Black , 255-100% Blue)
		35	0-255	White LED -array 5 : 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	Shutter, strobe: Led turn 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	Dimmer intensity: 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	Color Macro: 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	0-4 5--9 10--14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95-99 100-104 105-109 110-114 115-119 120-124 125-129 130-134 135-139 140-144 145-149 150-154 155-159 160-164 165-169 170-174 175-179 180-184 185-189 190-194 195-199 200-255	Color Presets: No function White2700k White3200k White4200k White5600k White6500k White8000k Yellow Magenta Cyan Salmon Turquoise Light Green Steel Blue Orange Straw Pale Lavander Pink Red Green Blue Rainbow1 Rainbow2 Rainbow3 Rainbow4 Rainbow5 Rainbow6 Rainbow7 Rainbow8 Rainbow9 Rainbow10 Rainbow11 Rainbow12 Rainbow13 Rainbow14 Rainbow15 Rainbow16 Rainbow17 Rainbow18 Rainbow19 Reserved
14	12	10	0-255	Color Presets Dimmer: Dimmer 100 to 0%
15	13	11	1--14 15-30 31-46 47-62 63-78 79-94 95-110 111-126 127-142 143-158 159-174 175-190 191-206 207-222 223-238 239-255	Chase Patterns: Led trun off Chase 1 Chase 2 Chase 3 Chase 4 Chase 5 Chase 6 Chase 7 Chase 8 Chase 9 Chase 10 Chase 11 Chase 12 Chase 13 Chase 14 Chase 15
16	14	12	0-125 126-130 131-255	Chase Speed: Fast to Slow Backward Stop(Speed=0) Slow to Fast Forward
17	15	13	0-255	Chase Fade: Fade Chase
18	16	14	0-255	Zoom : Zoom adjustment from 15 to 60
19		15	0-255	Zoom Fine : Fine control for Zoom adjustment

20	17	36	<p>Reset, internal programs:</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>97-99 Others motor reset</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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