

5. Robin 1000 LEDBeam - DMX chart

Version 1.3

Mode/Channel					Value	Function	Type of control
1	2	3	4	5			
1	1	1	1	1	0-255	Pan (8 bit) Pan movement by 450°	proportional
2	2	2	2	2	0-255	Pan Fine (16 bit) Fine control of pan movement	proportional
3	3	3	3	3	0-255	Tilt (8bit) Tilt movement by 270°	proportional
4	4	4	4	4	0-255	Tilt fine (16 bit) Fine control of tilt movement	proportional
5	5	5	5	5	0	Pan/Tilt speed, Pan/Tilt time Max. speed (tracking mode)	step
					1 - 255	<i>P./T. speed-set Speed Mode in menu: P./T. Mode</i> Speed from max. to min. (vector mode)	proportional
					1 - 255	<i>P./T. time - set Time Mode in menu: Pan/Tilt Mode</i> Time from 0.1 s to 25.5 s.	proportional
6	6	6	6	6	0 - 9	Special functions Reserved <i>To activate following functions , stop in DMX value for at least 3sec. and shutter must be closed at least 3sec. (Shutter channel 35/19/14/9/9 must be at range of 0-31DMX). Corresponding menu items are temporarily overridden except DMX Input.</i>	
					10 - 14	DMX input: Wired DMX *	step
					15 - 19	DMX input: Wireless DMX* * function is active only 10 seconds after switching the fixture on	step
					20 - 29	Reserved	
					30-39	RGBW colour mixing mode	step
					40-49	CMY colour mixing mode	step
					50 - 59	Pan/Tilt speed mode	step
					60 - 69	Pan/Tilt time mode	step
					70 - 79	Blackout while pan/tilt moving	step
					80 - 89	Disabled blackout while pan/tilt moving	step
					90-119	Reserved	
					120 - 124	Dimmer curve: Linear	step
					125 - 129	Dimmer curve: Square Law	step
					130 - 139	Reserved <i>To activate following reset function, stop in DMX value for at least 3 sec.</i>	
					140 - 149	Pan/Tilt reset	step
150 - 179	Reserved						
180 - 189	Zoom reset	step					
190 - 199	Reserved						
200 - 209	Total reset	step					
210 - 255	Reserved						
-	7	7	-	-	0-255	Red/Cyan (8 bit) - all zones Red/Cyan LEDs saturation control (0-100%)	proportional
-	8	-	-	-	0-255	Red/Cyan fine(16 bit) - all zones Fine red/cyan LEDs saturation control	proportional
-	9	8	-	-	0-255	Green/Magenta (8 bit) - all zones Green/Magenta LEDs saturation control (0-100%)	proportional
-	10	-	-	-	0-255	Green/Magenta fine (16 bit) - all zones Fine green/magenta LEDs saturation control	proportional
-	11	9	-	-	0-255	Blue/Yellow (8 bit) - all zones Blue /yellowLEDs saturation control (0-100%)	proportional

Mode/Channel					Value	Function	Type of control
1	2	3	4	5			
-	12	-	-	-	0-255	Blue/Yellow fine (16 bit) - all zones Fine blue/yellow LEDs saturation control	proportional
-	13	10	-	-	0-255	White (8 bit) - all zones <i>If RGBW mode is selected:</i> White LEDs saturation control (0-100%) <i>If CMY mode is selected:</i> No function	proportional
-	14	-	-	-	0-255	White fine (16 bit) - all zones Fine white LEDs saturation control (RGBW mode)	proportional
7	-	-	-	14	0-255	Red/Cyan (8 bit) - zone 1 Red/Cyan LEDs saturation control (0-100%)	proportional
8	-	-	-	15	0-255	Red/Cyan fine (16 bit) - zone 1 Fine red/cyan LEDs saturation control	proportional
9	-	-	-	16	0-255	Green/Magenta (8 bit) - zone 1 Green/Magenta LEDs saturation control (0-100%)	proportional
10	-	-	-	17	0-255	Green/Magenta fine (16 bit) - zone 1 Fine green/magenta LEDs saturation control	proportional
11	-	-	-	18	0-255	Blue/Yellow (8 bit) zone 1 Blue/yellow LEDs saturation control (0-100%)	proportional
12	-	-	-	19	0-255	Blue/Yellow (16 bit) zone 1 Fine blue/yellow LEDs saturation control)	proportional
13	-	-	-	20	0-255	White (8 bit) - zone 1 <i>If RGBW mode is selected:</i> White LEDs saturation control (0-100%) <i>If CMY mode is selected:</i> No function	proportional
14	-	-	-	21	0-255	White (16 bit) - zone 1 Fine white LEDs saturation control (RGBW mode)	proportional
15	-	-	-	22	0-255	Red/Cyan (8 bit) - zone 2 Red/Cyan LEDs saturation control (0-100%)	proportional
16	-	-	-	23	0-255	Red/Cyan fine (16 bit) - zone 2 Fine red/cyan LEDs saturation control	proportional
17	-	-	-	24	0-255	Green/Magenta (8 bit) - zone 2 Green/Magenta LEDs saturation control (0-100%)	proportional
18	-	-	-	24	0-255	Green/Magenta fine (16 bit) - zone 2 Fine green/magenta LEDs saturation control	proportional
19	-	-	-	26	0-255	Blue/Yellow (8 bit) zone 2 Blue/yellow LEDs saturation control (0-100%)	proportional
20	-	-	-	27	0-255	Blue/Yellow (16 bit) zone 2 Fine blue/yellow LEDs saturation control)	proportional
21	-	-	-	28	0-255	White (8 bit) - zone 2 <i>If RGBW mode is selected:</i> White LEDs saturation control (0-100%) <i>If CMY mode is selected:</i> No function	proportional
22	-	-	-	29	0-255	White (16 bit) - zone 2 Fine white LEDs saturation control (RGBW mode)	proportional
23	-	-	-	30	0-255	Red/Cyan (8 bit) - zone 3 Red/Cyan LEDs saturation control (0-100%)	proportional
24	-	-	-	31	0-255	Red/Cyan fine (16 bit) - zone 3 Fine red/cyan LEDs saturation control	proportional
25	-	-	-	32	0-255	Green/Magenta (8 bit) - zone 3 Green/Magenta LEDs saturation control (0-100%)	proportional

Mode/Channel					Value	Function	Type of control			
1	2	3	4	5						
35	19	14	9	9	0-31	Shutter/Strobe Shutter closed	step			
					32-63	Strobe effect from slow--> fast (zone 3 only)	proportional			
					64-95	Strobe effect from slow--> fast (All zones together)	proportional			
					-----Set value on Virtual colour wheel-----					
					96-111	Zone effects+rainbow effects speed control, slow--> fast	proportional			
					112-127	Zone effects+rainbow effects speed control, fast--> slow /opposite direction/	proportional			

					128-143	Opening pulses in sequences from slow--> fast (All zones together)	proportional			
					144-159	Closing pulses in sequences from fast--> slow (All zones together)	proportional			
					160-175	Random strobe effect from slow--> fast (random zone)	proportional			
176-191	Random strobe effect from slow--> fast (random zone + random strobe)	proportional								
192-223	Random strobe effect from slow --> fast (All zones together)	proportional								
224-239	Random strobe effect from slow --> fast (random LEDs)	proportional								
240-255	Shutter open	step								
36	20	15	10	10	0-255	Dimmer (8 bit) Dimmer intensity from 0% to 100%	proportional			
37	21	-	-	11	0-255	Dimmer fine (16 bit) Fine dimming	proportional			

**In the Halogen lamp mode the Dimmer channel imitates behaviour of the halogen lamp during dimming.