

## ClubWash 250-DMX Protocol-version 1.0

Channel 16bit	Channel 8bit	Value	Function	Type of control
1	1	0-255	<b>Pan</b> Coarse control of pan movement	proportional
2		0-255	<b>Pan Fine</b> Fine control of pan movement	proportional
3	2	0-255	<b>Tilt</b> Coarse control of tilt movement	proportional
4		0-255	<b>Tilt fine</b> Fine control of tilt movement	proportional
5	3	0	<b>Speed of Pan/Tilt movement</b> Max. speed (tracking mode)	step
		1-249	From max.speed to min.speed (vector mode)	proportional
		250-252	Max.speed (tracking mode),black-out while colour/gobo changes	step
		253-255	Max.speed (vector mode),black-out while pan/ tilt moving or colour/gobo changes	step
6	4	0-127	<b>Lamp On/Off,reset,speed control of fans</b> From max.speed of fans to min. speed of fans	proportional
		128-139	Lamp On,reset	step
		140-229	No function	step
		230-239	Lamp Off after 3 sec.	step
		240-255	No function	step
7	5	0	<b>Colours</b> <i>Continual positioning</i> Open/White	proportional
		10	Turquoise	proportional
		21	Deep red	proportional
		32	Cyan	proportional
		42	UV filter	proportional
		53	Magenta	proportional
		64	Light blue	proportional
		74	Yellow	proportional
		85	Green	proportional
		96	Pink	proportional
		106	Blue	proportional
		117	Red	proportional
		128-189	Forwards rainbow effect from fast to slow	proportional
190-193	No rotation	step		
194-255	Backwards rainbow effect from slow to fast	proportional		
8	6		<b>No functions</b>	
9	7	0-31	<b>Shutter,Strobe</b> Shutter closed	step
		32-63	Shutter open	step
		64-95	Strobe-effect from slow to fast	proportional
		96-127	Shutter open	step
		128-143	Closing pulses from slow to fast	proportional
		144-159	Opening pulses from fast to slow	proportional
		160-191	No function	step
		192-223	Random strobe -effect from slow to fast	proportional
224-255	Shutter open	step		
10	8	0-255	<b>Dimmer intensity</b> Dimmer from closed to 100% light output	proportional