

Programming notes:

The Atomic Colors uses 1 or 2 DMX channels, depending on which control mode it is set for. The first DMX channel (start channel) controls the movement of the gel string, and the second channel, if selected allows for remote control of the cooling fan speed.

The unit will automatically select the two DMX channel mode if the fan speed setting is set for 'Fnr' (see below), otherwise the unit will remain in single DMX channel mode.

First DMX Channel (See notes below)				
Channel Level (Dec)	Channel Level (%)	Gel Position No.	Standard Gel String	
			'Rosco'™ Gel	
			Color	Color No.
0	0	0	No Color/Open White	R-00
26	10	1	Straw	R-12
51	20	2	Pale Amber Gold	R-09
77	30	3	Orange	R-23
105	41	4	Red	R-26
130	51	5	Broadway Pink	R-339
156	61	6	Light Lavender	R-52
181	71	7	Aquamarine	R-363
207	81	8	Green Blue	R-77
230	90	9	Light Green	R-88
255	100	10	Blue Grass	R-2005

Second DMX Channel			
<i>Selecting 'Fnr' in the fan mode automatically places the unit in two DMX channel mode, and allows the fan speed to be controlled by the second DMX channel.</i>			
Channel Level (Dec)	Channel Level (%)	Speed Level	Fan Speed (See notes below)
00-61	0-24	Fn4	Fastest
62-127	25-49	Fn3	:
128-190	50-74	Fn2	:
191-255	75-100	Fn1	Slowest

Important notes

1. Please note that over time, the gel string may shrink and/or warp slightly. This is an inherent property of the gel substrate. This may alter the positions of the gels relative to their pre-programmed DMX values and therefore some 'fine-tuning' may be required.
2. Using the 'Gel saver' mode. This feature slowly moves the chosen gel(s) back and forward slightly, so that heat from the lamp is dissipated over a larger area. This can extend the life of the gel string.
Note: - Visually check that the gel is in the correct position before using the gel saver feature. In the correct position, the bottom tape join of the color should be just out of view when looking at the lower edge of the unit's front aperture. This can be verified by slowly altering the DMX channel level to see the tape position. If the gel is not correctly positioned, adjacent colors may show, and the joining tape may overheat.
3. Please note that extended operation with low cooling fan speeds may have a detrimental effect on the life of the gel string.