



Setting Up and Utilizing 6-channel DMX Mode

For ultimate color control, you can choose to run the Luxium lights in the alternative mode, where all six emitter controls are exposed.

1. Set the unit into 6-channel DMX Mixer Mode

- With DIP switch, set the first 3 positions to Up-Down-Up: **101uuuuu**
 - Note: this limits the number of independent lights to 32.
 - First *unit* will be DMX address 1, second *unit* will be address 7, etc.
- With Bluetooth models, download the HM10 Serial App.
 - Using the app, connect to each unit, type **Sm00001 <return>**
 - To save in this mode, type **Sp000 <return>**
 - **Note:** to restore to 4 ch mode, type **Sm00000 <return>**

2. Using a Luxium light with the 6-channel mixer mode.

- The order of channels is as follows:
 - Ch 1 = Red
 - Ch 2 = Green
 - Ch 3 = Blue
 - Ch 4 = White
 - Ch 5 = Lime
 - Ch 6 = Blue-green (this changes color of Green emitter to bluish)

3. WARNINGS:

- In 6-channel mode the calibration is bypassed and lights may not match perfectly when producing sensitive colors such as orange or yellow-green.
- Total current drawn can exceed the power supply capability:
DO NOT TURN ALL CHANNELS TO FULL and expect the light to keep running.

Generally with excess current draw, the power supply will shut down, try to restart, then again shut down, this is called HICCUP MODE.