Unresolved Issues and Plans

Issue: The battery life has not been extensively tested yet, may need to use additional batteries in parallel.
Plan: Torture test the circuit with only one battery and see how long it lasts. If we must add more batteries in parallel, we will use diodes to keep the batteries from damaging one another.

Issue: Our wireless protocol can only send 250kbits/s. We need to support at least 40 channels.
Plan: We can change the quality of the RGB color sent to each light bar. For example we could send 12bit RGB and have only 4,096 possible colors. We can also split each hardware channel into 2 virtual channels via the software to double our capacity.