Beeping device project outline

- A transmitter and receiver system where the transmitter has a button. When the transmitter button is pressed, the receiver will cause a buzzer to beep.
    - The communication between the transmitter and receiver needs to be about 20-50 feet.
    - The receiver needs to be as small as possible – the size of a quarter is desired.
    - Should last as long as possible without battery recharge or replacement.
    - Simple PCB would be best to keep the size small.
- This system is to be used as a TV remote locator. The buzzing receiver would be mounted on a TV remote; When the location of a TV remote is not known, the button on the transmitter can be pressed, and the buzzer on the receiver would help locate the TV remote.
- The device will be used in a typical home setting.
- Self-set goal to have the device completed by August 1st: 2 weeks for development, and approximately 1 month for part shipping.
- Cost will be covered by Matthew Milton. The device budget is $250.