VEX Wireless Remote Configuration

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For this procedure you will need:

- VEX Cortex Microcontroller
- VEXnet Joystick
- 7.2V Vex Battery
- Joystick Batteries
- USB A-A Cable
- (2) VEXnet keys

This information has been pulled from the VEXnet Cortex User Guide and can be found at this address:


**Step 1:** Install batteries that are fully charged.
Step 2: Pair your Cortex and Joystick using the USB A-A Cable

1. Start with the power off for both.
2. Connect the Cortex to the joystick using a USB A-A Cable.
3. Power on the Cortex
4. A successful tether is indicated by a Solid Green VEXnet LED on both the Joystick and the Cortex (See Figure Below).
   a. The Solid Green VEXnet LED must remain ON both units at the same time for a minimum of 5 seconds.
   b. Disregard the other LEDs as you are only interested in the VEXnet LED.
   c. Pairing may take up to one minute to complete.
5. Once the Units have finished pairing, turn OFF the Cortex.
6. Disconnect the USB A-A Cable from both Units.

**Step 3: Connect VEXnet keys and pair the Cortex and Joystick 1.**

Connect a VEXnet key in both the Cortex and Joystick.
2. Turn on the Cortex and Joystick.

3. A valid link is shown below. The VEXnet LED will be blinking fast green on both the Cortex and Joystick. The VEXnet light is the only LED that determines a valid link. It usually takes 5 to 10 seconds to successfully establish a link.

**Note: If this process fails, repeat steps two and three.**