

# Read Me First: Assembly Overview

This short document provides an overall guide of the assembly and installation process.

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## Steps

The WLD build process consists of a number of steps. Each step completes a module in the overall process. While you can do steps in a different order, we have provided you what we think is the most straightforward path to success.

1. Obtain all the parts from the parts list
2. Choose the case you want to use and obtain it. You have 3 choices
  - a. Plastic box
  - b. 3D printed chassis
  - c. Laser cut wooden box
3. Set up your Particle.io Photon and test it with Particle's BlinkLED app. (prepare\_your\_photon.pdf)
4. Assemble the printed circuit board and RJ11 breakout boards (pcb\_assembly\_instructions.pdf)
5. Assemble the case you selected, if needed. (enclosure\_build\_instructions.pdf)
6. Install the Water Leak Detector firmware and test it. (wld\_firmware\_installation.pdf)
7. Install and test the Blynk app ( )
8. Install the WLD and turn it on. (wld\_installation\_and\_user\_manual.pdf)