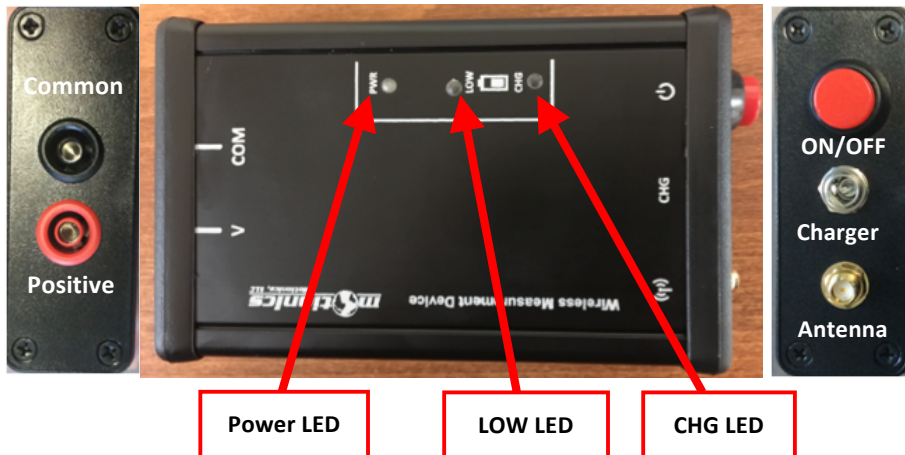# Wireless Measurement Device iWMD022 User Guide

**Important Notes**

- The device input should be 0-10V. Wrong polarity connection or the input higher than 10V causes permanent damage to the device.
- Turn off the device after use. It will NOT turn off automatically.
- Do NOT open the device. Opening causes permanent damage and avoids the warranty.

**Included In The Package**

- Wireless Measurement Base iWMD022
- AC Current Transducer AT1-010-000-SP with Jumper
- A Pair of Input Cables
- Antenna and Antenna Extension Base
- USB Charging Cable
- Power Adaptor 5VDC 1000mA
- User Guide



Common
Positive

Power LED
LOW LED
CHG LED

ON/OFF
Charger
Antenna

**LEDs**

- **Power LED** turns on when the device is turned on
- **LOW LED** turns on red when battery is low.
- **CHG LED** turns on orange when the device is charging. It changes to green when the battery is fully charged.

**Download the App (From App Store)**

- Download the App from App Store. Search for "Wireless Power reader"

**Quick Start**

- Turn on your iWMD022 device.
- On your iPad run the **PowerRead** App.
- If you don't see a **Pair** button on the top right corner, tap **Setting&Sessions** button and select **Bluetooth** for **Wireless**.
- In the main page of the App, tap the **Pair** button, a new page will show up and start searching for available devices.
- Once the scan is finished, a list of available devices will appear in the table. Tap **MotionicsiWMDXXX**. XXX is the last 3digits of the S/N of device.
- The pairing page will disappear after a few seconds. Tap the second row of the table in the main page to start reading and collecting data.

**Calibration**

**Method 1:**

- Connect the device inputs to a battery with a known voltage value.
- Enter the battery voltage in the first text field in the App.
- Tap on the first **Tap Here** button and the device is calibrated.

**Method 2:**

- If calibration value is known, directly enter this value in the second text field.
- Tap on the second **Tap Here** button and the device is calibrated.

| 1) Connect to | V battery | 2) Tap Here | OR 1) Enter Calibration Value | | 2) Tap Here |