

### INTRODUCTION

The **Smart Moisture Sensor** connects to **Holman Home** and reports on your soil temperature and humidity. It can also automatically inhibit watering from your **WX1 Tap Timer** based on the sensor soil moisture percentage.

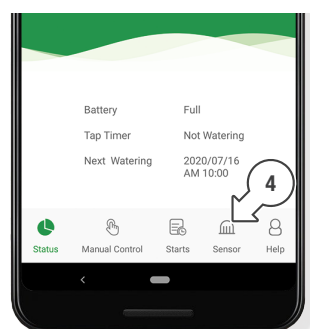
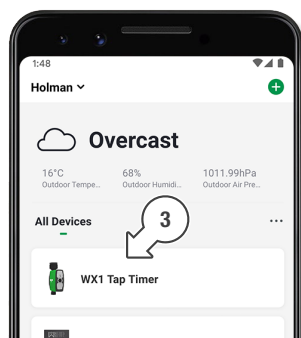
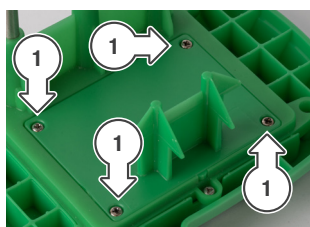
### GETTING STARTED

**⚠ Before connecting your Smart Moisture Sensor check you have the following:**

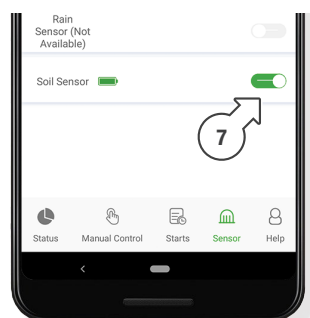
- ✔ **Holman Home** installed on your smart device
- ✔ **Wi-Fi Hub [WX1TH]** added to **Holman Home**
- ✔ **WX1 Tap Timer** added to **Holman Home**

### CONNECT YOUR SMART MOISTURE SENSOR TO YOUR WX1 TAP TIMER

1. Unscrew the back of your **Smart Moisture Sensor** to install three AAA batteries, leaving the battery lid off the unit
2. Temporarily bring your **Smart Moisture Sensor** close to your **WX1 Tap Timer** for the setup process

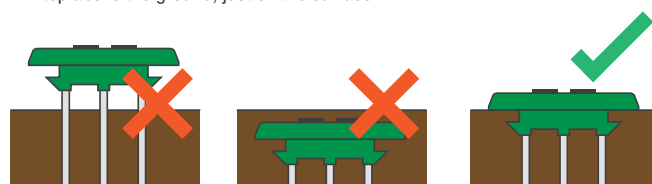


3. Using **Holman Home**, choose your **WX1 Tap Timer** from the **HOME** screen
  4. Tap **SENSOR** in the lower menu to access the **SENSOR** screen
  5. On your **Smart Moisture Sensor** press and hold the small black button near the batteries for three seconds
  6. The top of your sensor should show a red indicator LED after this
  7. Back to **Holman Home** on your mobile device, on the **SENSOR** screen, toggle the **SOIL SENSOR** switch on
- i** If the switch does not toggle on after five seconds, there may be a connection issue between the **WX1 Tap Timer** and your **Smart Moisture Sensor**. For support, tap **HELP** in the lower menu, or visit [www.holmanindustries.com.au](http://www.holmanindustries.com.au)
8. Screw the battery lid cover onto the **Smart Moisture Sensor**





### POSITION YOUR SMART MOISTURE SENSOR

1. Once paired, remove the black plastic protectors from the end of each prong
  2. Ensure the **Smart Moisture Sensor** is placed no more than 30 metres line of sight from the **WX1 Tap Timer**
- ⚠ Do not use a hammer to install the Smart Moisture Sensor**
3. If the soil is very compressed, it is recommended to soften up the soil by adding water before inserting
- i** This is especially important in clay soils
4. When placing the sensor in the ground please ensure the soil is wet before inserting the **Smart Moisture Sensor** to prevent air gaps
  - i** Air gaps will lead to wrong soil moisture measurements
  5. Ensure the soil is properly compressed
  - i** The density of the surrounding soil will influence the measurement signal
  6. Ensure the sensor is installed in undisturbed soil
  7. Ensure the sensor is placed in a location where there is minimal disturbance to roots and plants
  8. Ensure the sensor location is in an average location of the climate conditions of the area you are watering
  - i** For example, if your garden is mostly shaded, place the sensor in the shade
  9. Ensure the prongs are fully buried with the green top above the ground, just on the surface



10. Ensure there is adequate drainage around the sensor
- i** If water pools around the top of the sensor it will affect the ability for it to communicate back to the **WX1 Tap Timer**

### CURRENT MOISTURE LEVEL

1. After connecting your **Smart Moisture Sensor**, hold both buttons down for at least five seconds
2. The LED indicators will show the current moisture level
3. There are five levels of moisture indication from  through to  as shown on the sensor panel: 20% - 40% - 60% - 80% - 100% (volume water content)
4. To set the threshold moisture level (where the sensor communicates to your **WX1 Tap Timer** to stop watering) press the **LEFT** button to adjust the indicator, and the **RIGHT** button to confirm your setting
5. The **WX1 Tap Timer** screen in **Holman Home** will turn red when the moisture sensor has disabled watering—this will turn back to green when moisture returns below the threshold level

