RainPoint®
More Than Water Saving

USER MANUAL
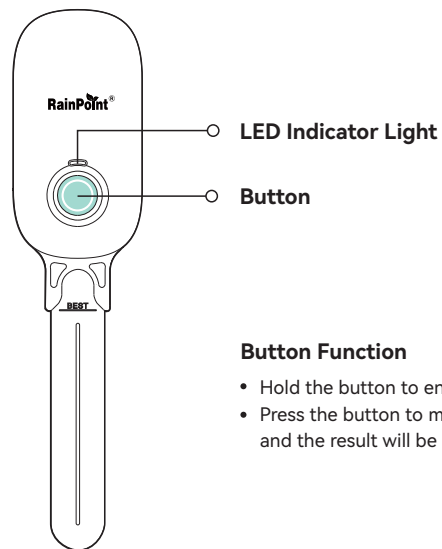Bluetooth Soil Moisture Meter

Model No: **TCS024B**

RainPoint®

BEST

CONTENT

1. INTRODUCTION

1.1 Product Overview

RainPoint®

○——— **LED Indicator Light**

○——— **Button**

Button Function

- Hold the button to enter connection mode.
- Press the button to make a real-time detection and the result will be shown on the APP.

1.2 Specification

- **Waterproof Level:** IP54
- **Temperature Range:** 0℃–60℃
- **Moisture Range:** 1%RH–99%RH
- Communication by Bluetooth
- Powered by 3*AAA batteries (Not included)

1.3 Product Features

- Measures soil moisture (%) and air temperature (℃/℉).
- App control for easy setup and operation.
- Used in indoor planters, learning more about areas of soil information.
- When the batteries are low, a short press on the button will cause the red light to flash rapidly for 3 times. The device will not perform any detection, and the app will display a low battery indication.

2. INSTALLATION AND CONNECTION

Setup Video | Customer Support

Tips:
Please scan the QR code or search the link to access the Setup Video or FAQ to install the device quickly and easily.
Setup Video:
www.rainpointus.com/pages/playlist
FAQ: www.rainpointus.com/downloads/faq

2.1 Installing the APP

1) Download the RainPoint APP
Search for **"RainPoint"** on Google Play/App Store or scan the QR code to download the RainPoint APP.
2) Register your RainPoint account
Open your RainPoint APP, select **"Set Up"** , and then follow the prompts to register a RainPoint account with your email or mobile phone.
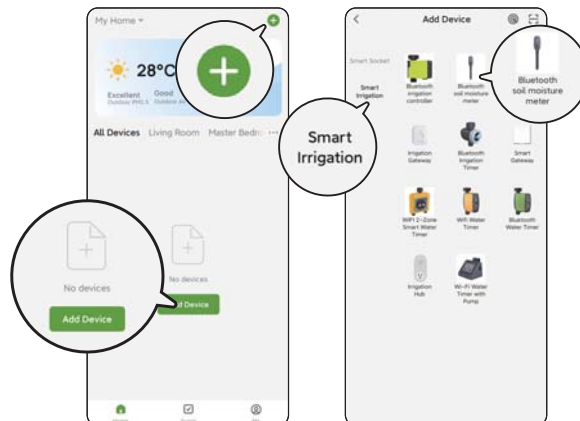

Rainpoint

Register

United States of America

Email Address

2.2 Connecting the Soil Moisture Meter

**2.2.1 Connecting the Soil Moisture Meter to the RainPoint APP**

A) After account created, in the home page of the APP, click **"+"** on the top right corner, or then click **"Add Device"** to search and add devices.
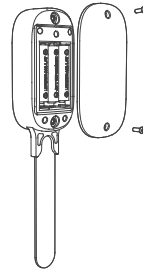B)Tap **"Smart Irrigation"**, then select **"Bluetooth Soil Moisture Meter"**.

Note: Before adding the soil moisture meter, please turn on the Bluetooth for pairing.

C)Installing the Battery
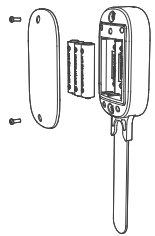
① Remove the battery cover from the back of the unit with a screwdriver.

② Insert the battery, close the battery cover and tighten the screws.

D) After the battery is correctly installed, the green LED indicator will start flashing rapidly **(2 times per second)** to enter pairing mode automatically,make sure the Bluetooth has been opened, and tap**"Next"**.
Then select **"Make sure the device is in the state of network distribution"** and tap**"Next".**
The APP will search and pair your Bluetooth soil moisture meter automatically.
Tips: Besides that,you can also hold the button for 5 seconds to reset and reconnect if you fail to connect for the first time. (Please refer to the "RESETTHE DEVICE" to reset the soil moisture meter)
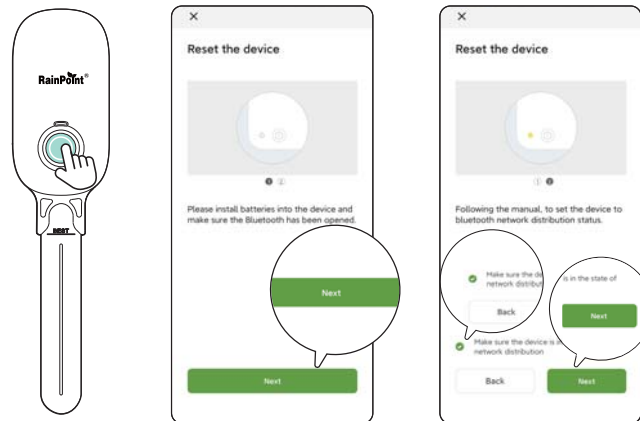
E) Click **"+"** on the right.
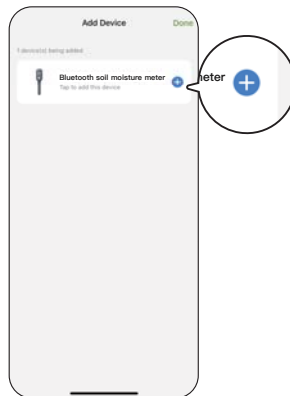
F) When the check mark appears, click **" Done "** to complete the connection.

NOTE:

If necessary, the Bluetooth soil moisture meter can be paired with an intelligent gateway (Model:TWG009BW) to become a WiFi soil moisture meter for remote control.The WiFi soil moisture meter can also be paired with a water timer(Model: TTV102B) for smart watering.

2.2.2 Installing the Soil Moisture Meter

If your soil is soft, insert the device in the **"BEST"** position.

If your soil is hard, dig a hole and bury the device in the **"BEST"** position.

3. APP INTRODUCTION

3.1 APP Home Page

Local Weather Forecast
Get your local weather forecast from website to realize intelligent watering.

All Devices
A check list of all the devices you have connected. Tap to enter the operation page of devices you have added to program the operation schedule of the device.

Home Management
You can locate your home, customize the home name and add family members. It is convenient for you to manage irrigation schedules for different residences.

Scene
On the "Scene" screen, there is "Tap-To-Run" and "Automation" functions. You can automate multiple smart products by setting conditions and tasks.
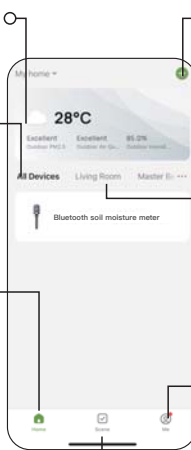
Add Devices
You can add multiple RainPoint devices on the APP to create a smart home irrigation system.

Room Management
Room Management is for indoor automatic irrigation system in different room.

Me
On the "Me" screen, there is "Message Center" and "FAQ & Feedback" functions. You will receive water leak and low battery alerts on "Message Center". And you can get FAQ and report issue on "FAQ & Feedback".

-10-

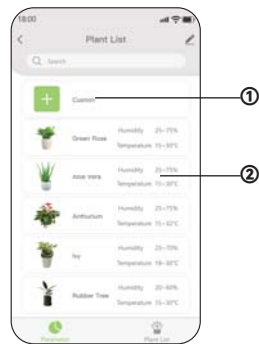## 3.2 Device Home Page

Select the Bluetooth soil moisture meter to go to the device home page. There are many data and functions as follows:
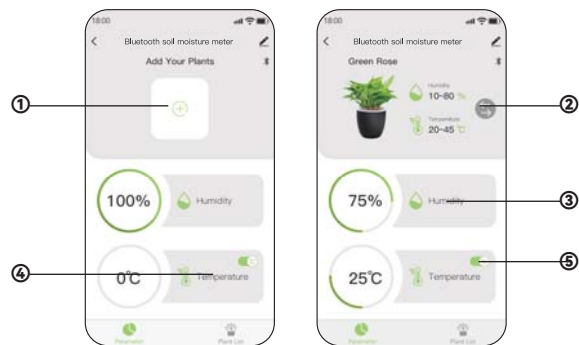
① Quickly add   ② Switch plants   ③ Current soil moisture
④ Current air temperature   ⑤ Celsius degree/Fahrenheit switching

3.3 Plant List

① **Add customized plants**
② **Add a system of plants, there are twenty to choose from.**

3.4 Customized Settings

① Click here to take a picture or upload a picture of the plant.
② Enter the name of the plant.
③ Set the appropriate humidity range for the plant
   (Refer to the above data when setting).
④ Set the appropriate temperature range for the plant
   (Refer to the above data when setting).

3.5 Home Management

1. Tap **"Me"** at the bottom of the APP home screen.
2. Select **"Home Management"**.
3. Set your home name, room management and home location.
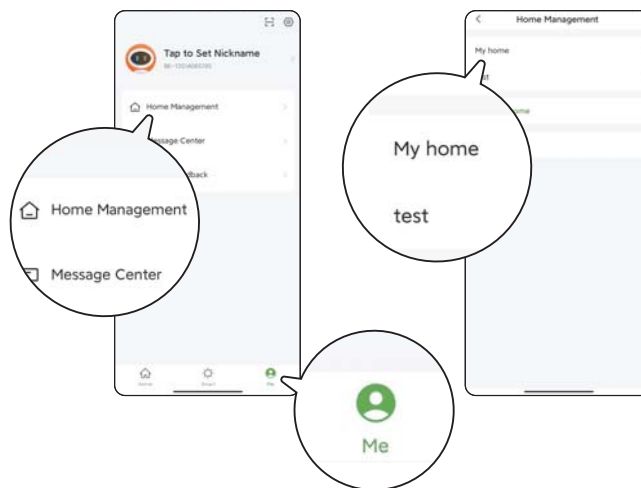
4. RESET THE DEVICE

How to reset the Bluetooth soil moisture meter?
Method One:
Remove all batteries from the battery compartment. After 10 seconds, insert 3 fresh AAA(1.5V) alkaline batteries into the battery compartment of the soil moisture meter, then the green LED indicator quickly flashes (2 times per second), which means it enters to pairing mode.
Method Two:
Press and hold the button on the soil moisture meter for about 5 seconds until the green LED indicator quickly flashes(2 times per second), then the Bluetooth soil moisture meter is restored to pairing mode.

5. TROUBLESHOOTING

Problem	Possible Factors	Solution may help
Data inaccurate or incorrect	Stones around the sensor.	Please ensure that there are no stones around the sensor while burying it to avoid any interference with the accuracy caused by the presence of stones.
No display on the screen	Batteries are low.	Replace brand new alkaline batteries.
Sensor drains batteries quickly	The cause of the battery itself.	• Test a new set of alkaline batteries. Write down the date of installation and the voltage of the batteries. When the batteries fail, please note the date and voltage again. • Check for leaking batteries, which may damage the sensor. • It is recommended to use reputable brands of alkaline batteries, which can provide a battery life of over 24 months.

Problem	Possible Factors	Solution may help
Device cannot be connected	• Distance between device and phone is too far. • Bluetooth not turned on.	• Keep the distance between the phone and soil moisture meter close while connecting. • Please turn on your phone's Bluetooth on to pair with the device.

If your RainPoint product does not operate properly after trying the troubleshooting steps, please contact us by phone or email :
+1-833-381-5659 (US Free Hotline) | +44-800-808-5337 (UK Free Hotline) | +49-800-182-0576(DE Free Hotline) | service@rainpointonline.com

6. WARRANTY

RainPoint provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship.

1) Warranty service can only be performed by our authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to us, or our authorized service center.

2) To receive warranty service, the purchaser must contact with RainPoint nominated service center for the problem determination and service procedure.

Thank you for your choice of RainPoint products!

7. FCC Statement (FCC ID: 2AWDBTCS024B)

This device complies with part 15 of FCC Rules. Operation is subject to the following two conditions:
- This device may NOT cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a ClassB digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -Reorient or relocate the receiving antenna. -Increase the separation between the equipment and receiver. -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -Consult the dealer or an experienced radio/TV technician for help. To assure continued compliance, any changes or modifications not expressly approved by the party.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

- This equipment complies with Part 15 of the FCC Rules. Operation is subject to
- the following two conditions:
- (1)This device may not cause harmful interference, and
  (2)This device must accept any interference received, including interference
- that may cause undesired operation.
  FCC Radiation Exposure Statement:
  The equipment complies with FCC Radiation exposure limits set forth for
  uncontrolled environment. This equipment should beinstalled and operated
  with minimum distance 20cm between the radiator and your body

8. CUSTOMER SERVICE

If you find it difficult to set up and want to watch the setting tutorial video, please subscribe to our channel **"RainPoint"** on YouTube.

If the user manual doesn't have what you're looking for, and you need some help, please prepare the LOT NO. of your device and contact us before returning the product to the store.
LOT NO.: XXXXX (on the back of the meter)

Email:service@rainpointonline.com
WhatsApp: +1 626-780-5952
US Free Hotline(English):
+1 833-381-5659(MON-FRI 9:30 AM-5:30 PM PST)
DE Free Hotline(English Deutsch):
+49 800-182-0576(MON-FRI 9:00 AM-5:00 PM CET)
UK Free Hotline(English):
+44 800-808-5337(MON-FRI 9:00 AM-5:00 PM CET)

Made in China

Not included

BARQUETTE + ÉTUI   BAC DE TRI

Cet appareil se recycle

À DÉPOSER EN MAGASIN   OU   À DÉPOSER EN DÉCHÈTERIE

Points de collecte sur www.quefairedemesdechets.fr
Privilégiez la réparation ou le don de votre appareil !