





Thank you for choosing IR-RADIO!

**Specifications**

Power supply: AA/LR6 1.5V \* 4 (replaceable)  
 Water pipe size: 3/4 Inch  
 Thread specification: G, NH (optional)  
 Standby power consumption: 200mA  
 Bluetooth version: Bluetooth 5.0  
 Wireless standard: IEEE 802.11b/g/n/ax  
 Wireless frequency: 2.4GHz  
 Wireless distance: 45M  
 Velocity range: 1 ~ 35L/min  
 Waterproof class: IP65  
 Working water pressure: 0.03MPa ~ 1MPa  
 Operating temperature: -10 ~ 60°C (14 ~ 140°F)  
 Working humidity: 1% ~ 95%RH (non-condensing)  
 Size: 137mm X 126mm X 54mm

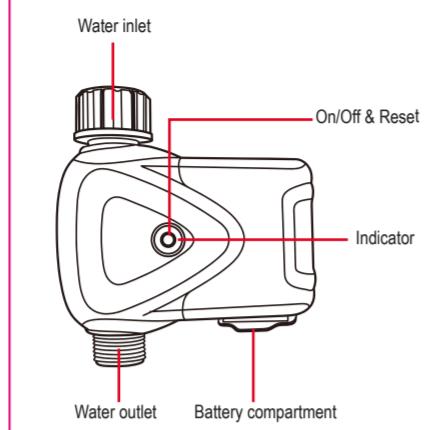
**WiFi Smart Sprinkler Meter**

with consumption control

Code 559593201

be smart, be wireless

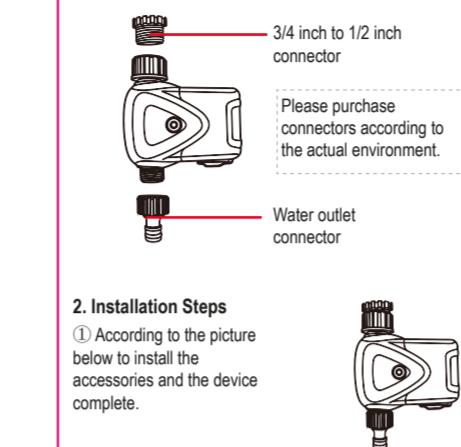
User manual

  
The multilingual version of this manual is available at [www.melchioni-ready.com](http://www.melchioni-ready.com)
**Product Configuration**

01

**Packaging accessories**

02

**Installation and use****1. Overall diagram****2. Installation Steps**

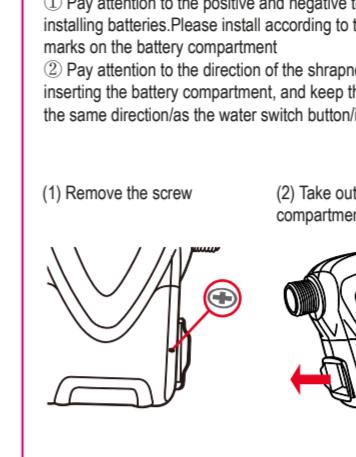
① According to the picture below to install the accessories and the device complete.

03

04

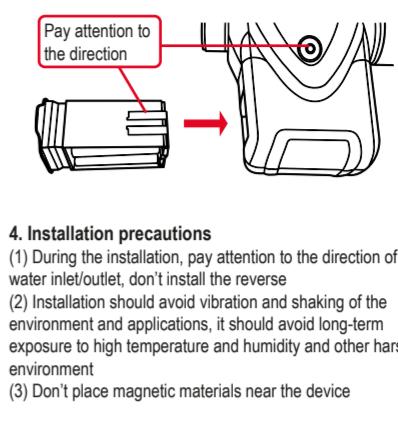
**3. Battery replacement****Notice :**

① Pay attention to the positive and negative terminals when installing batteries. Please install according to the silk-screen marks on the battery compartment  
 ② Pay attention to the direction of the shrapnel when inserting the battery compartment, and keep the shrapnel in the same direction as the water switch button/indicator light



05

06

**(3) Install 4xAA battery. Replace the battery compartment.**

07

08

**Indicators and corresponding status**

Device status	Indicator status
Ready state	Indicator blinks twice every second
Resetting	Hold down the reset button for 6 seconds
Battery replacement reminder	Indicator blinks three times

**Get Started****App Installation****Register and Login**

(1) Run "Hom-io" application from your smartphone.  
 (2) Register and login  
 (3) Login if you have an account already.

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**3. Add Devices**

The device is powered on Wi-Fi mode by default. If the indicator is off, press and hold the reset button for 6 seconds, and then select the corresponding indicator mode to add the device.

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**3.1 Select the device type to add**

Note: All Wi-Fi products can be added by selecting any Wi-Fi option. The device only supports 2.4GHz Wi-Fi signals.

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**(1) Smart Wi-Fi Mode**

Press the reset button until the device indicator flashes quickly, then add it (please follow the APP prompts)

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**(2) AP compatible Mode**

Press the reset button until the device indicator flashes slowly, then add it (please follow the APP prompts)

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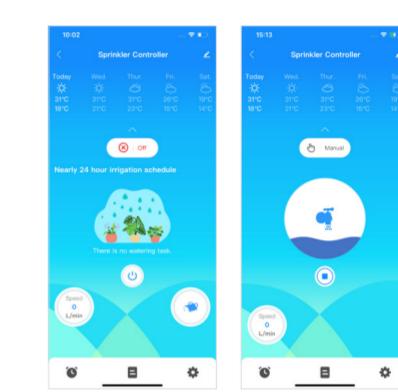
**(3) Bluetooth Mode**

Method 1: Turn on Bluetooth on your phone and add the device via Bluetooth mode

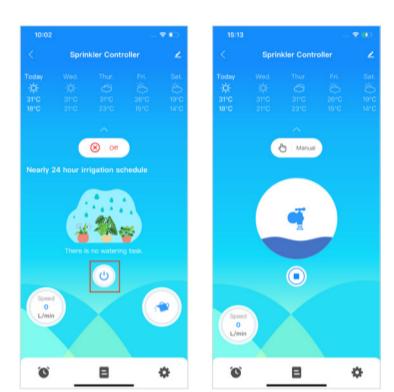
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Method 2: After turning on Bluetooth, enter the APP and the device will be automatically searched by Bluetooth, then click Add

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**Functions and Settings****App Main interface**

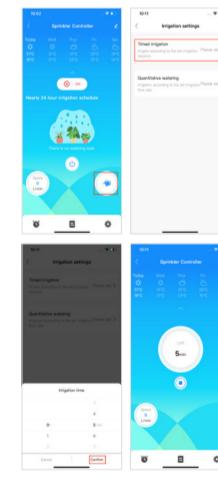
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**1. Watering immediately**

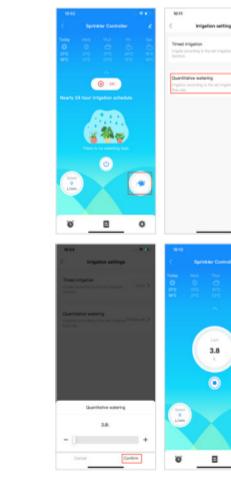
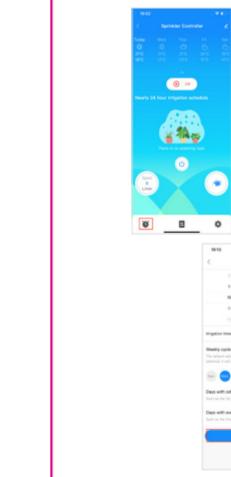
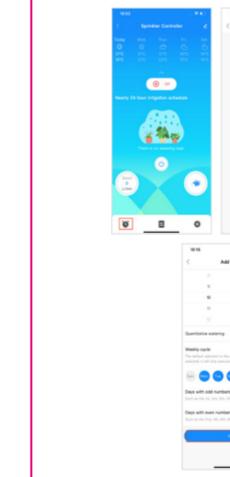
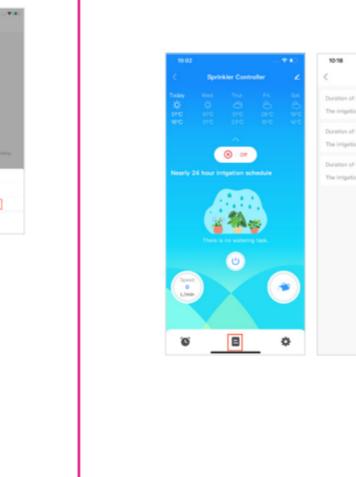
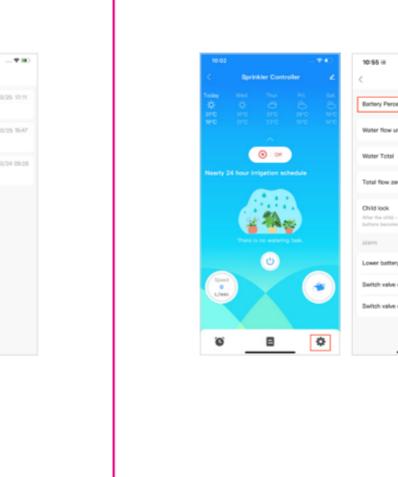
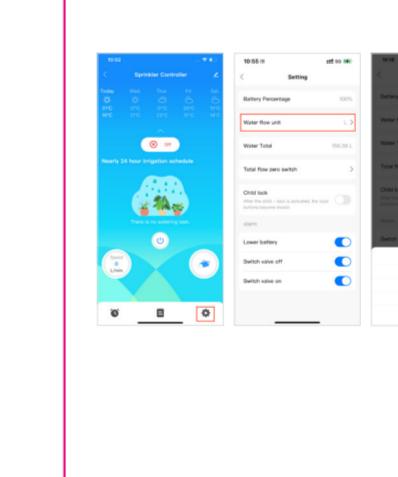
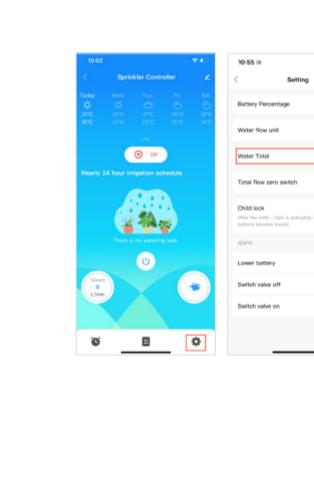
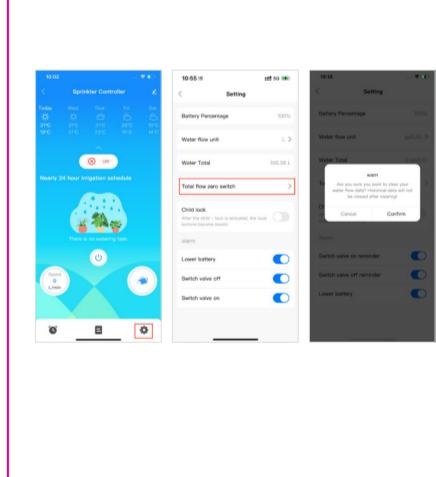
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**2. Watering Switch****(1) Countdown Watering**

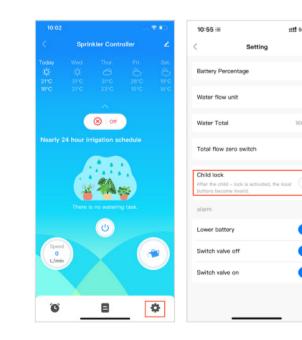
Maximum duration 4 hours

**(2) Quantitative watering**

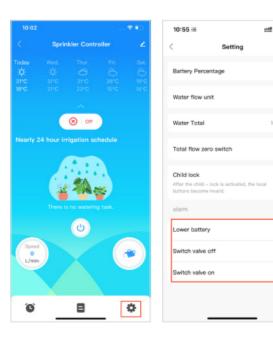
This function is not displayed when the flow meter setting is not turned on

**3. Regular watering****(1) Regular watering****(2) Quantitative watering****(1) Quantitative watering****4. Irrigation record****5. Function setting****(1) Battery level****(2) Flow unit change****(3) Total water consumption****(4) Total flow reset switch****(5) Child lock**

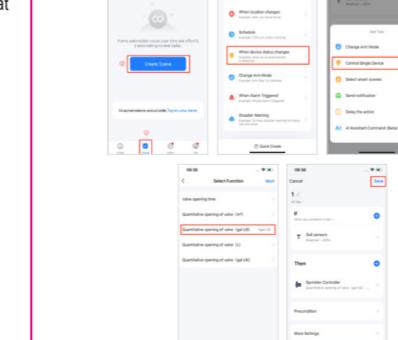
local key switch is not supported after opening the child lock, but open the child lock when the water valve is open, and quickly press three times to close the water valve

**(6) Alarms****1. Scenario linkage****Example:**

When the soil temperature and humidity sensor detects that the humidity is lower than 30%, the linkage is turned on to irrigate, and the quantitative irrigation is 4 gal

**Other Function****1. Scenario linkage****2. Sharing device****3. Clear record**

Delete and clear the device data through the APP, and add the device again to clear all the records of the device and restore the default Settings

**FAQ****1. How to ensure the stable operation of the equipment?**

A: Periodically check the power supply, connection status, and configuration of the irrigation system. Make sure the equipment is not blocked by debris or scale. It is recommended to clean the filter and nozzle at regular intervals to ensure smooth flow of water.

**2. Which irrigation modes does the device support?**

A: The equipment supports a variety of irrigation modes, including manual mode (start/stop irrigation), countdown mode (set irrigation time countdown), timing mode (set irrigation time fixed) and quantitative mode (fixed amount per irrigation). You can choose the right mode for irrigation according to your needs.

**Product compliance****SIMPLIFIED EU DECLARATION OF CONFORMITY**

Hereby, manufacturer Melchioni S.p.A. declares that the radio equipment type Smart irrigation control unit with consumption meter, Mod. IR-SPRINKLER (code 559593201) is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.melchioni.com](http://www.melchioni.com)

According to Directive 2012/19/EU of the European Parliament and of the Council of 20 July 2012, on waste electrical and electronic equipment (WEEE), the presence of the crossed-out bin symbol indicates that this appliance is not to be considered as urban waste: its disposal must therefore be carried out by separate collection. Disposal in a non-separate manner may constitute a potential hazard to the environment and health. This product can be returned to the distributor when purchasing a new device. Improper disposal of the appliance constitutes misconduct and is subject to sanctions by the Public Security Authority. For further information, contact the local administration responsible for environmental matters.