

Temperature & Humidity Management Tracker / User Manual

Model : HT-825 / Temperature & Humidity Bluetooth Transmitter (Beacon Format)
HT-RE825 Logger (Logging Type)



* Thank you for purchasing the JohnPoint HT-825 Temperature & Humidity Management Tracker
HT-RE825 Temperature & Humidity Management Tracker (hereinafter referred to as "the product").
* Before use, please read this manual and the APP agreement carefully to ensure proper and safe
operation of the product.

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Safety Precautions (Must be observed)

⚠ Warning Details of hazards that may result in severe injury or death

- Do not disassemble or modify the unit. User disassembly will void the warranty.
< Risk of fire, electric shock, or malfunction >
- Keep out of reach of children.
< Risk of swallowing small parts >

⚠ Caution May cause injury or property damage

- Use care during installation/removal. < May cause equipment damage >
 - Do not use under the following conditions :
 - (1) Direct sunlight
 - (2) Unstable or hazardous locations where falling may occur
 - (3) Areas prone to static electricity
 - (4) Environments significantly different from normal living conditions
 - (5) Humid environments
 - Do not install in locations that may interfere with Wi-Fi (radio wave) signals.
If interference occurs, take corrective measures such as relocating the device.
 - Periodically verify that radio transmission is functioning and maintain the device properly.
- Cleaning Method
- (1) Wipe the device with a soft cloth.
 - (2) Do not use thinners or wax.

* We reserve the right to modify product specifications and contents without prior notice. For the latest information, please visit :
[https : //ta.akr.com.tw/](https://ta.akr.com.tw/)



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Notes for Temperature & Humidity Tracker Version

- This tracker should be installed in a location with relatively stable temperature and humidity that is representative of the environment being measured.
 - ※ Note : In a stable environment, the tracker requires approximately 120 seconds to acclimate to the current conditions.
 - ※ Avoid installation in :
 1. Areas with rapid fluctuations in temperature or humidity.
 2. Locations with strong air drafts or stagnant/dead air zones.
 3. Environments containing salt mist or corrosive gases.
 - ※ Do not place in freezer conditions or areas prone to condensation, to prevent moisture damage to the sensor.

Note : We reserve the right to modify specifications and functions without prior notice.

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Features

- Requires iOS (15.0 or later) or Android (10.0 or later) with the dedicated APP.
- For additional features, refer to the Premium upgrade (paid subscription) within the Temperature Alert APP.

Benefits : Eliminates manual data logging, reduces labor costs, minimizes human error, and serves as an essential tool for quality assurance record-keeping.



Temperature Alert APP

iOS QR Code



Android QR Code



Compatible with :
iOS 15.0+ or Android 10.0+

2 Specifications

Model / Type	HT-825 Bluetooth Tracker	HT-RE825 Bluetooth Logger	WiFi-α Temperature Gateway
Communication	Bluetooth	Bluetooth	WiFi
WiFi Requirements	The HT-825 hardware does not require WiFi. However, the paired WiFi-α Temperature Gateway must operate in a WiFi environment.	The HT-RE825 hardware does not require WiFi.	Connect to a stable AP/WiFi router. Weak router signal strength is susceptible to interference or attenuation (consider adding a WiFi extender or repeater). * Note : This device cannot connect via web portal (captive portal) WiFi networks.
Wireless Specification	BLE 5.0	BLE 5.0	IEEE 802.11 b/g/n
Transmission Frequency	2400~2483.5 MHz	2400~2483.5 MHz	2412~2462 MHz
Dimensions / Weight	67x36x18(mm)/40g (incl. batteries)	67x36x18(mm)/40g (incl. batteries)	75x35x11(mm)/45g
LED Indicator	Red	Red	Red/Green/Blue
Power Supply	2x AA Batteries	2x AA Batteries	USB Power Adapter (5V/1A Output)
Battery Life	1.5 years (varies by configuration)	1.5 years (varies by configuration)	N/A
Current Consumption	To be determined	To be determined	80mAh
Operating Temperature Range	-10~60 °C	-10~60 °C	-10~70°C

(1) Power On : Press and hold the function button for approximately 5 seconds until the red indicator stays solid for 3 seconds.

Power Off : During operation, press and hold the function button for 5 seconds until the red indicator blinks 5 times consecutively.

(2) Storage Status

1. Storage Active : Green indicator blinks once every 20 seconds.

2. Storage Inactive : Red indicator blinks once every 20 seconds.

(3) Connection Status

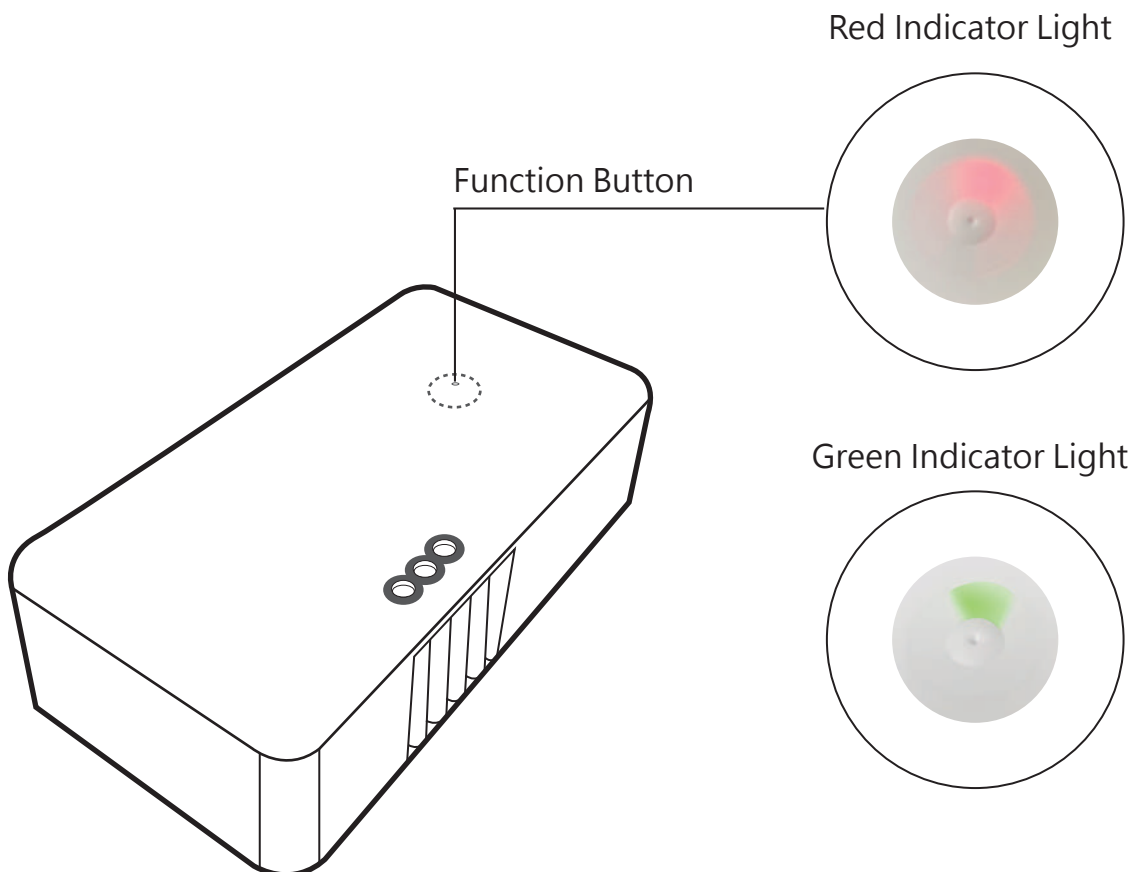
1. Ready for Bluetooth pairing with mobile phone :

Press and hold the function button for 1 second. The red indicator will flash rapidly for 20 seconds.

2. Bluetooth connected to a mobile phone :

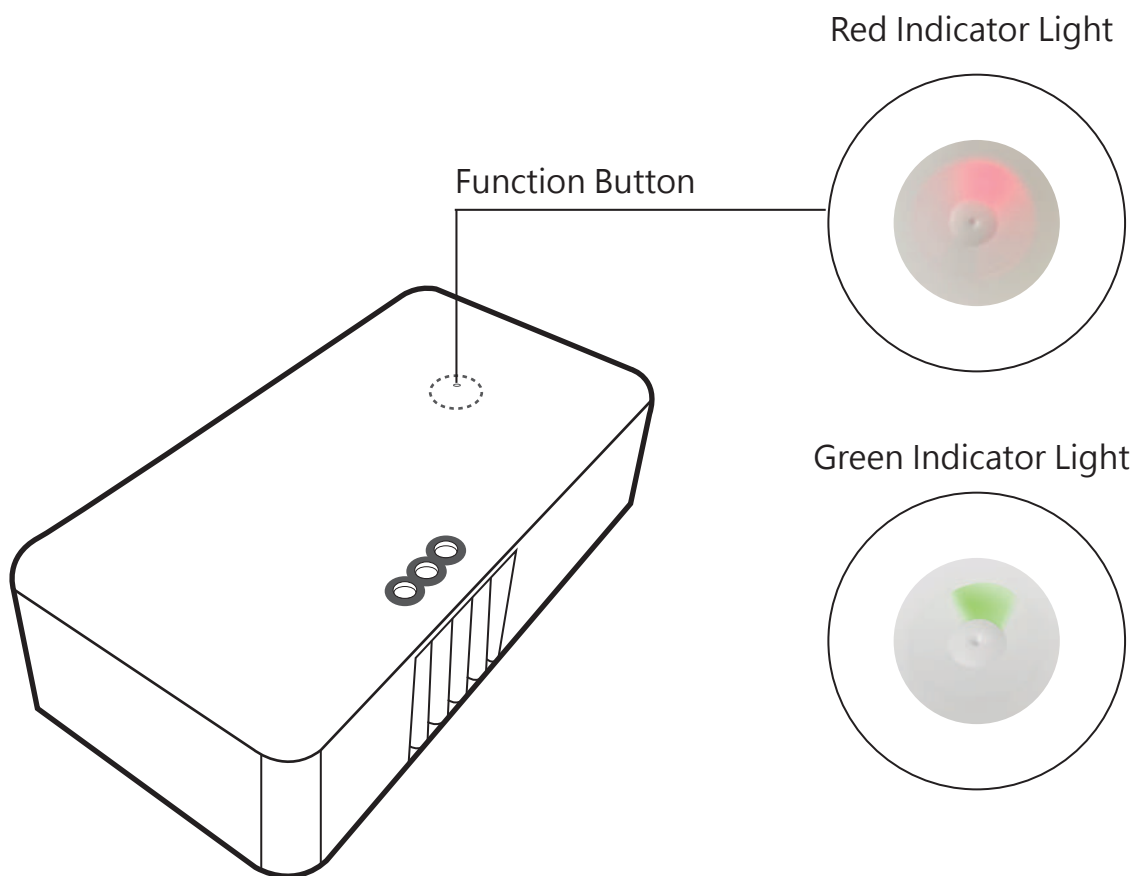
The red indicator will flash slowly during the connection.

1The connection will automatically time out after 100 seconds of inactivity.

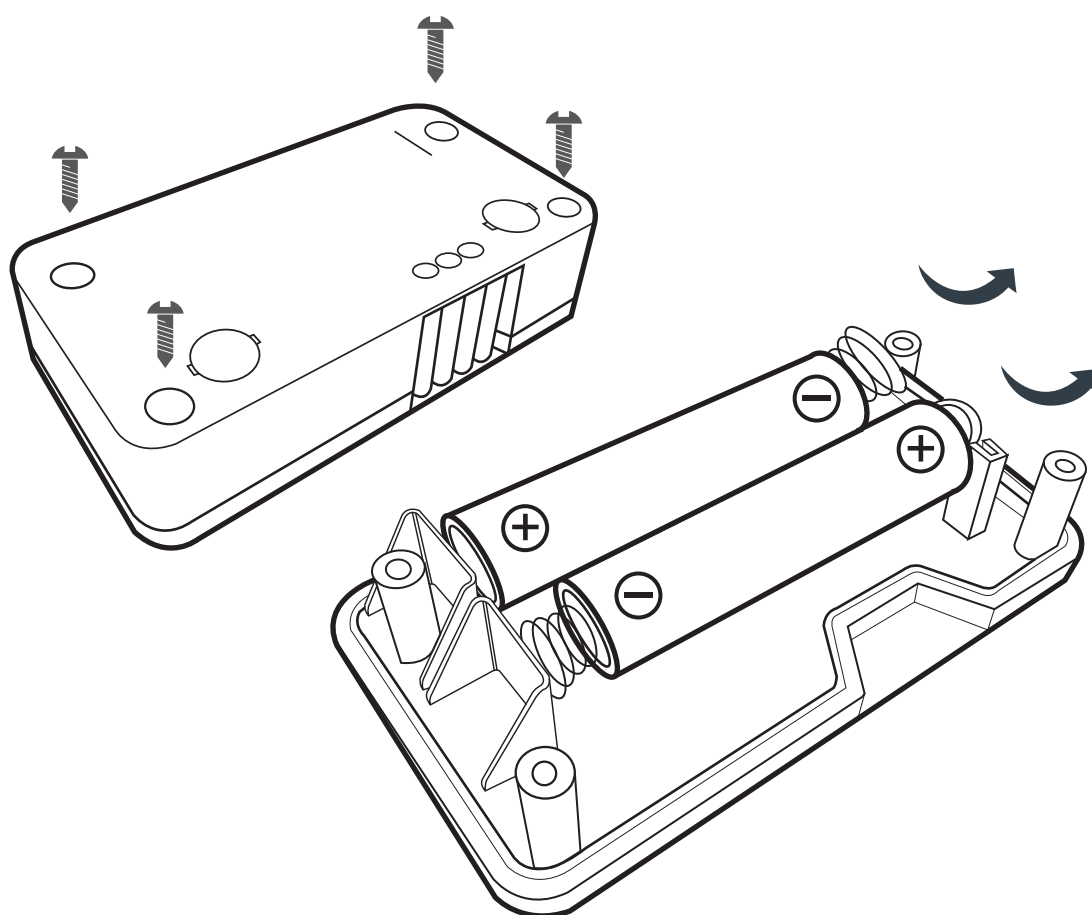


4 HT-RE825 Logger / Product Overview

- (1) Power On : Press and hold the function button for about 5 seconds until the red indicator remains solid for 3 seconds.
- Power Off : During operation, press and hold the function button for 5 seconds until the red indicator blinks five times consecutively.
- (2) Storage Status
1. Logging Active : Green indicator blinks twice every 20 seconds.
 2. Logging Stopped : Red indicator blinks twice every 20 seconds.
- (3) Connection Status
- Ready for Bluetooth Pairing :
- Press and hold the function button for 1 second. The red indicator will flash rapidly for 20 seconds.
- Bluetooth Connected :
- The red indicator will flash slowly during an active connection.
- The connection will automatically time out after 100 seconds of inactivity.



- (1) The product features a magnetic base for easy attachment to ferrous surfaces and simple removal for battery replacement.
- (2) A hook-and-loop strap is included for wall mounting. Ensure the surface is clean and dry before adhesion.
- (3) For initial use, remove the insulating tab from the back to activate the device.
- (4) The unit includes two AA batteries pre-installed. Battery life is approximately 1.5 years (actual lifespan depends on usage parameters).
- (5) Battery replacement steps are shown below.



6 HT-825 Device and APP Binding

(1) Temperature WiFi Gateway Binding (for use with HT-825)

