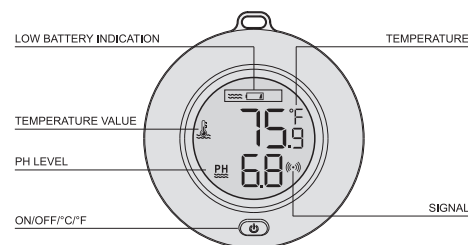


2-IN-1 WIRELESS THERMOMETER AND PH READER USER MANUAL

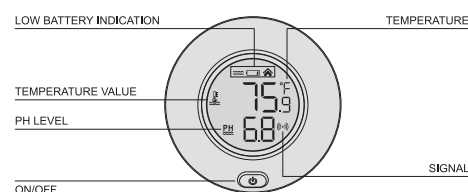


PACKAGE CONTENTS

1. SENSOR



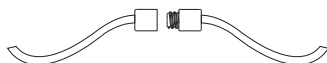
2. RECEIVER



3. 4 AA BATTERIES (PACKAGED IN TRAY)

2 AA BATTERIES REQUIRED FOR EACH SENSOR AND RECEIVER

4. TEATHER CORD



BUTTON INSTRUCTIONS AND AUTOMATICALLY CONNECTING



- Press briefly to turn on, and press and hold to turn off.
- Quickly press the sensor twice to switch the temperature unit to °C/°F. The receiver will automatically switch accordingly.

MEASUREMENT SPECIFICATIONS

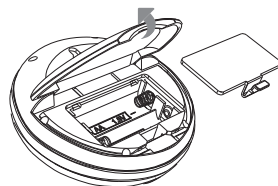
- Measuring distance: up to 160 ft when space between is open and uninterrupted.
- Temperature range: 23°F - 140°F (-5°C - 60°C) pH levels: 0-14 pH.
- Ambient temperature range for usage : 23°F - 140°F (-5°C - 60 °C). Do not use when the outdoor environment is frozen to avoid damaging the sensor.

OPERATING INSTRUCTIONS

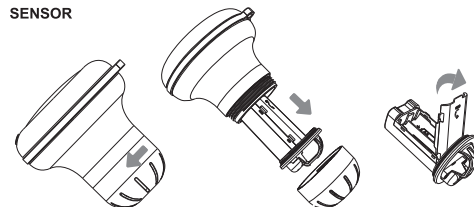
1. BATTERY INSTALLATION

- 1.1 Remove the battery cover on the back of the sensor and receiver.

RECEIVER



SENSOR



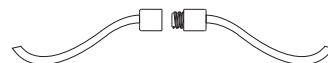
- 1.2 Insert 2 AA 1.5V batteries(batteries included) as indicated by the polarity symbols (+/-) in the receiver first and replace the battery cover. Within 3 minutes, insert 2 AA 1.5V batteries in the Sensor. Both of them will power on automatically.

2. At this point, the sensor's signal icon will move outward.



3. The receiver will power on and connect with the sensor Its icon will blink three times, which indicates a successful connection. The screen will display the data from the sensor synchronously.

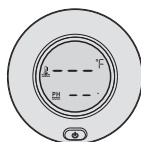
4. After completing the mentioned steps, securely attach the teather cord to the pool ladder before proceeding with the test.



5. Submerge the sensor upside down in water, expelling all the bubbles from the bottom, and then reposition it upright.

AUTOMATIC CONNECTING FAILURE

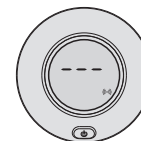
When automatic connecting fails, the receiver will not display any values and show as follows.



Please follow the steps below to reconnect.

Method 1: Press the button to restart the receiver. It will automatically connect within 3 minutes. If unsuccessful, try Method 2 for manual reset.

Method 2: Press the button to turn off the receiver, and remove the batteries. While holding down the button , reinsert the batteries. The screen will display three dashes, as shown below:



Meanwhile, the signal icon will blink from outside to inside, indicating that it is receiving the signal and will last for 3 minutes. If connecting is successful within 3 minutes, the screen will display the following content:



Then the receiver will automatically restart. If the receiver synchronously displays the values from the sensor within 3 minutes of automatic startup, it indicates a successful connection.

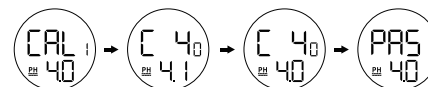
CALIBRATE MODE:

Enter Calibration Mode When pH is Inaccurate

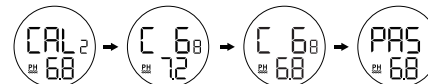
Step1: Prepare the standard pH 4.0 and pH6.86 Buffer Solution (Sold Separately)

Step2: Set the sensor to pH calibration mode.

- With the device on, hold the button for more than 5 seconds to enter calibration mode (ignore the shutdown).
- Immerse the sensor in standard pH 4.0 buffer solution and slowly stir, expelling all the bubbles from the bottom. After CAL1 flashes, wait for C 4.0 to appear. When pH 4.0 and C 4.0 flash together, briefly press the button to confirm. Display PAS 4.0, indicating successful calibration 1.



- Before calibrating with pH 6.8, rinse the pH probe with distilled water. d. Immerse the sensor in standard pH 6.86 buffer solution and slowly stir, expelling all the bubbles from the bottom. After CAL1 flashes, wait for C 6.8 to appear. When pH 6.8 and C 6.8 flash together, briefly press the button to confirm. Display PAS 6.8, indicating successful calibration 2.



- After completing the pH 6.8 calibration, rinse the pH probe with distilled water before use

Note:

- After calibration, have to rinse the probe with distilled water before testing.
- During calibration, long-press to power off, or it will automatically shut down after 3 minutes of inactivity, displaying "Err". Hold the button again to re-enter calibration mode.

LOW BATTERY WARNING

Package Contents	Icon Indication	Low battery in
Sensor		Sensor
Receiver		Receiver
		Sensor
		Receiver and Sensor

It is imperative to promptly replace the batteries to maintain the product's measurement accuracy and prevent damage.

BATTERY REPLACEMENT

1. Sensor: After replacing the battery and powering it on, automatic connecting will be completed within 1 hour. For faster connecting, you can manually restart the receiver (see Method 1 under AUTOMATIC CONNECTING FAILURE instructions)
2. Receiver: After replacing the battery and powering on, the receiver will automatically connect with the sensor signal within 3 minutes.

OTHER SCENARIOS

In the event of electromagnetic interference, lightning, or similar circumstances affecting the wireless signal transmission, the receiver may fail to receive the signal. In such cases, no manual intervention is required. Once the environmental electromagnetic interference subsides, the product will automatically restore the connection.

CARE AND MAINTENANCE

1. Make sure the sensor battery compartment is covered tightly to avoid water damage.
2. Receiver is not waterproof. Do not drop or throw into water.
3. Do not mix old and new batteries.
4. Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc.) batteries.

FCC CAUTION

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

This device 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.

Note: This equipment has been tested and found to comply with the limits for a Class B 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.

Any questions, please email us at Poolmainstays@outlook.com

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