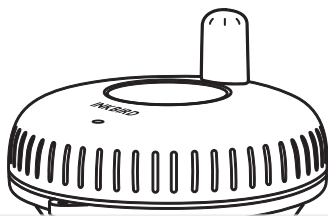
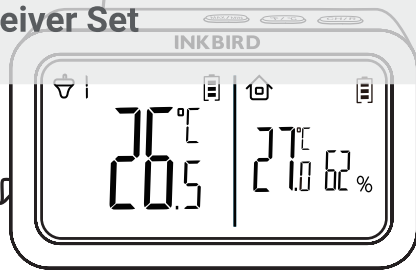


# INKBIRD



## IBS-P02R

**Wireless Pool Thermometer  
and Receiver Set**



## USER MANUAL



Please keep this manual properly for reference. You can also scan the QR code below to visit our official web site for product usage videos. For any usage issues, please feel free to contact us at **support@inkbird.com**.

Wenn Sie eine Bedienungsanleitung in deutscher Sprache benötigen, scannen Sie bitte den QR-Code und besuchen Sie unsere Website, um sie zu erhalten und ein Video über die Verwendung des Produkts zu sehen.

Se avete bisogno di un manuale di istruzioni in italiano, scansionate il codice QR e visitate il nostro sito web per ottenerlo e vedere un video su come utilizzare il prodotto.

Si vous avez besoin d'un mode d'emploi en français, veuillez scanner le code QR pour visiter notre site officiel afin d'obtenir et de visionner la vidéo d'utilisation du produit !

Als je een Nederlandstalige handleiding nodig hebt, scan dan de QR-code om naar onze officiële website te gaan en bekijk de video over het gebruik van het product!

Si necesita el manual de instrucciones en español, escanee el código QR para ir a nuestro sitio web oficial y ver el vídeo sobre cómo utilizar el producto.



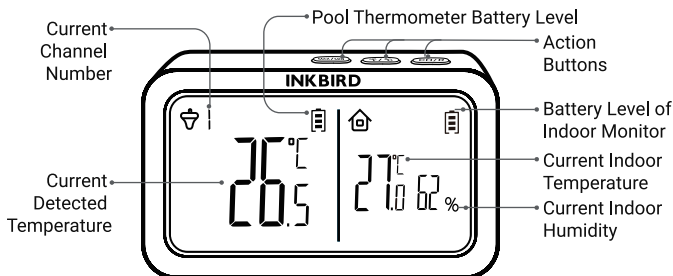
### ***Warm tips***

- To quickly jump to a specific chapter page, click on the relevant text on the contents page.
- You can also use the thumbnail or document outline in the top left corner to quickly find a specific page.

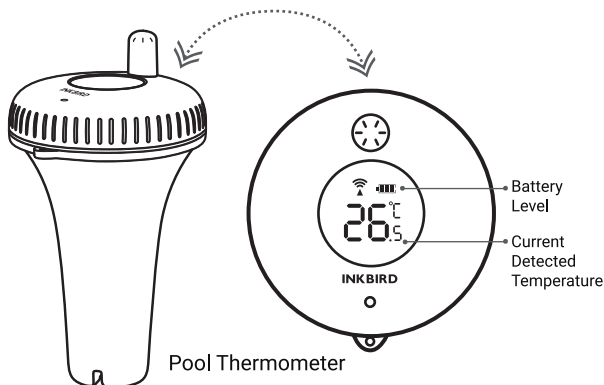
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### ◆ Temperature and Humidity Monitor (Receiver)



### ◆ Pool Thermometer (Transmitter)



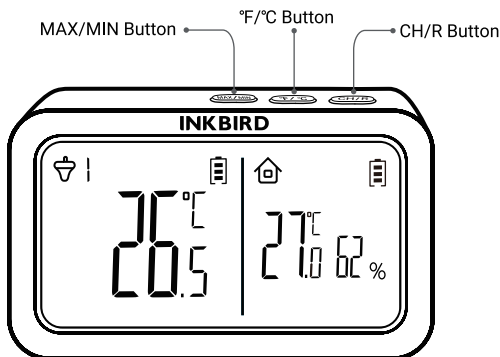
## **02** *Features & Specifications*

- Battery: 4\*AAA 1.5V (not included)
- Transmission Distance: up to 300 ft in open space, if there is interference, the transmission distance will be limited.
- ♦ **Temperature and Humidity Monitor (Receiver)**
  - Temperature measurement range: -10°C~60°C (14°F~140°F)
  - Temperature measurement accuracy:  $\pm 1.0^{\circ}\text{C}$  ( $\pm 1.8^{\circ}\text{F}$ )
  - Temperature display accuracy:  $0.1^{\circ}\text{C}$  ( $0.1^{\circ}\text{F}$ )
  - Humidity measurement range: 0~ 99%
  - Humidity measurement accuracy:  $\pm 5\%$
  - Humidity display accuracy: 1%
  - Maximum number of thermometer channels supported at the same time: 3
- ♦ **Pool Thermometer (Transmitter)**
  - Temperature measurement range: -40°C~70°C (-40°F~158°F)
  - Temperature measurement accuracy:  $\pm 1^{\circ}\text{C}$  ( $\pm 1.8^{\circ}\text{F}$ )
  - Temperature display accuracy:  $0.1^{\circ}\text{C}$  ( $0.1^{\circ}\text{F}$ )
  - Sampling period: 10s
  - Waterproof grade: IPX7
  - Warranty: 1 year

## **03** *Operation Instruction*

### **3.1 Action Button Operation**

## ◆ Temperature and Humidity Monitor (Receiver)



### **CH/R Button:**

- Press it to switch between the channels (CH1, CH2, CH3, CH8), the screen will display the measured temperature of the chosen channel (CH1, CH2, CH3). If CH8 is selected, the measured temperature of CH1, CH2, and CH3 will be displayed alternately for 3 seconds.
- Press and hold it for 5 seconds to reset the registration of all pool thermometers (transmitters). We should place the pool thermometer close to the indoor monitor and let the pool thermometer transmit data for once so that they can reconnect again and complete the registration.

### **°C/°F Button:**

- In the normal mode, press it to switch the temperature unit between °C and °F.
- In the mode of displaying maximum/minimum values (press the MAX/MIN button to enter the display mode of maximum/minimum values), press the °C/°F button to

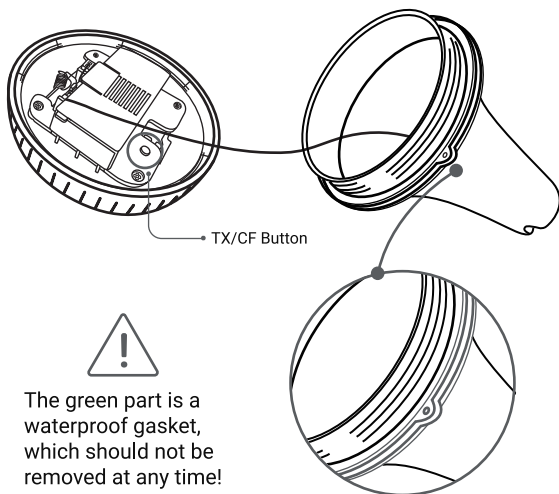
switch the recording interval of maximum/minimum values between ALL-TIME and 24 hours.

### **MAX/MIN/CLEAR Button:**

- Press it to view the maximum/minimum values. If there is no operation for 30 seconds, the screen will automatically display the current detected value again.
- Press and hold it for more than 5 seconds to clear all maximum/minimum values and start recording again.

### **◆ Pool Thermometer (Transmitter)**

- Unscrew the cover of the pool thermometer, as shown below.





**TX/CF Button:**

Press it to transmit the detected temperature from the pool thermometer to the temperature and humidity monitor and light up the indicator once.

Press and hold it for more than 5 seconds to switch the temperature unit between °C and °F on the pool thermometer.

## **3.2 Add Sub-Devices**

a. Firstly, make sure the batteries of the temperature and humidity monitor (receiver) are installed correctly and working properly.

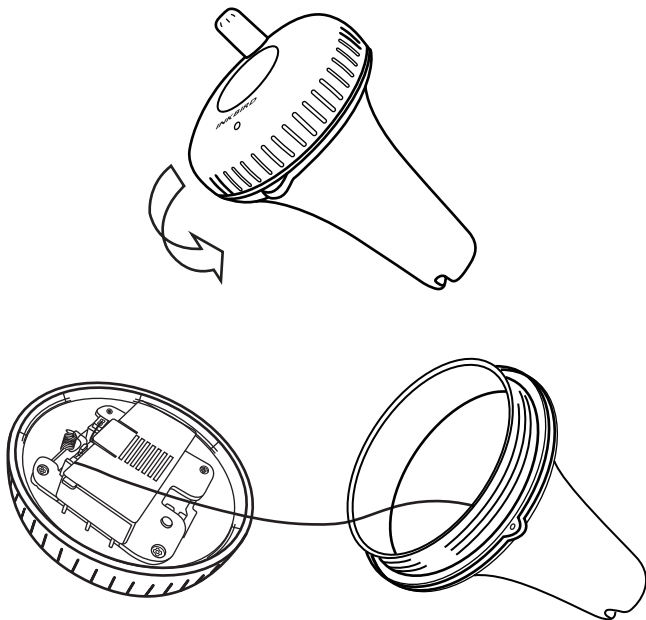
b. Secondly, install the batteries of the pool thermometer (transmitter) properly, and place the thermometer as close to the temperature and humidity monitor (receiver) as possible.

c. Once the temperature and humidity monitor (receiver) receives the data sent from the pool thermometer (transmitter), the connection between them is established automatically, and the monitor (receiver) completes adding a sub-device and displays the channel number of the pool thermometer (transmitter).

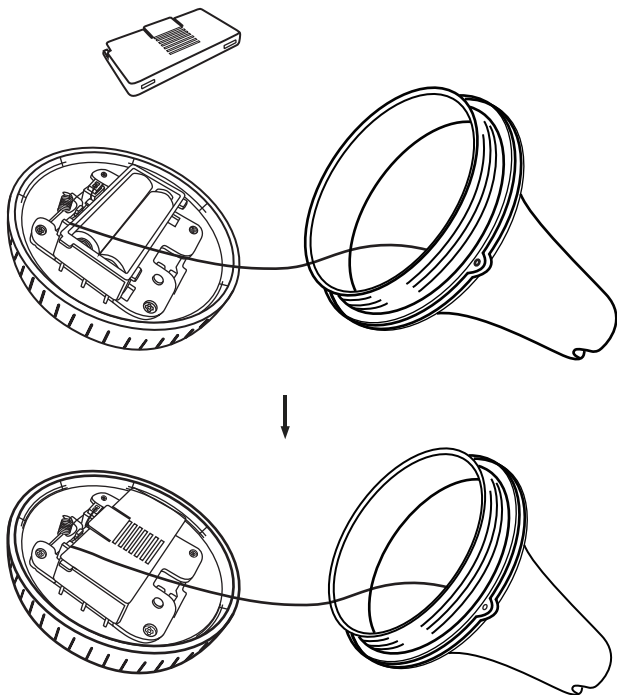
**Note:** If you fail to add sub-devices, please remove the batteries of the pool thermometer (transmitter), and repeat steps b~c to add the device.

### 3.3 Battery Installation of Pool Thermometer (Transmitter)

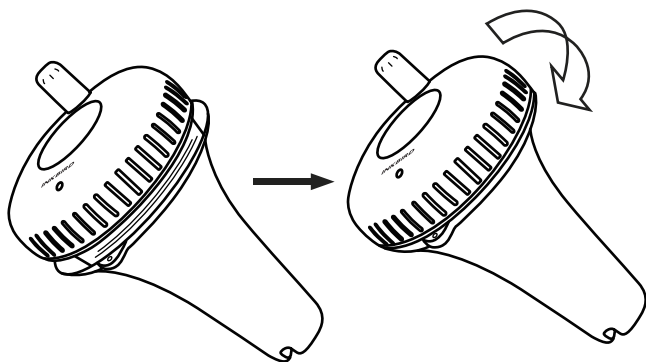
- Unscrew the lid of the pool thermometer as shown below.



- Remove the battery cover, install 2 AAA batteries, put the cover back.



- Make sure the silicone waterproof ring is well placed, then close and tighten the lid of the pool thermometer.



## **04** Safeguards

- a. Please do not disassemble the product if you are not a professional.
- b. Be sure that the sensor is not covered with dust as dust may lead to inaccurate measurements.
- c. Do not use alcohol to clean the sensor.

## **05** *Product Warranty*

This item carries a 1-year warranty against defects in either components or workmanship. During this period, products that prove to be defective will, at the discretion of INKBIRD, be either repaired or replaced without charge.

## **06** *FCC Requirement*

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## 07 *Troubleshooting Guide*

Issues	Causes	Solutions
Water/condensation inside the transmitter	<ol style="list-style-type: none"> <li>1. Large temperature difference in the environment</li> <li>2. Hands were not kept dry when installing the batteries.</li> <li>3. The cover of the transmitter is not tightened</li> </ol>	<ol style="list-style-type: none"> <li>1. Adjust the position of the transmitter.</li> <li>2. Wipe off the internal moisture. Remove the batteries and place it in a dry environment to dry before installing new batteries.</li> <li>3. Make sure the lid is tight. If it still doesn't work, please contact customer service.</li> </ol>
Inaccurate temperature readings	<ol style="list-style-type: none"> <li>1. There is a temperature difference in the position where the device is placed.</li> <li>2. Deviation within the temperature accuracy range.</li> <li>3. The probe is damaged</li> </ol>	<ol style="list-style-type: none"> <li>1. Check if the device is intact</li> <li>2. Place the transmitter and receiver side by side indoors for testing</li> </ol> <p>If the readings are still far off, please contact customer service.</p>

Issues	Causes	Solutions
Transmitter screen not showing	1. The battery is dead or the direction is reversed 2. Internal damage	1. Check if the device is intact 2. Replace new batteries and check the batteries orientation If it still doesn't work, please contact customer service.
There is rust inside the transmitter	1. Water vapor oxidation 2. Battery leakage	1. Please wipe off the rust. Place the transmitter indoors to dry before installing new batteries. 2. When installing batteries, make sure your hands are dry. If it still doesn't work, please contact customer service.
Receiver disconnects/loses connection to pool thermometer(Transmitter)	No pairing was performed	Hold the pool Thermomter (Transmitter) close to the Receiver and press the Tx button on the pool Thermmometer(Transmitter)
	The distance is too far to disconnect	
	The pool thermometer (Transmitter) has run out of power.	Reinstall the batteries

# Shenzhen Inkbird Technology Co.,Ltd.

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MADE IN CHINA

DESIGNED BY INKBIRD



**V3.0**