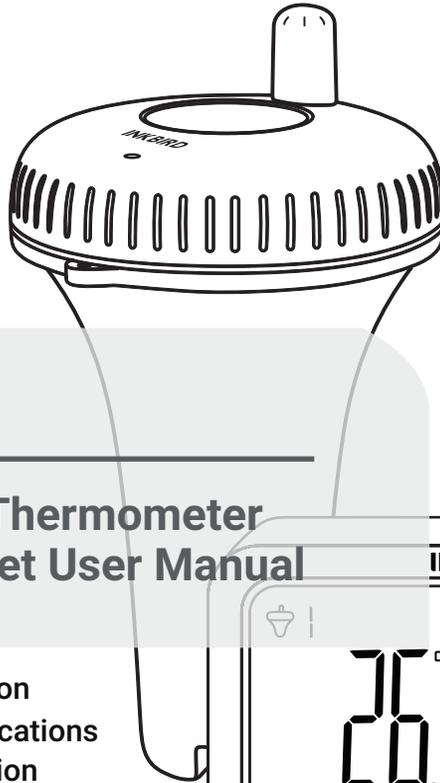


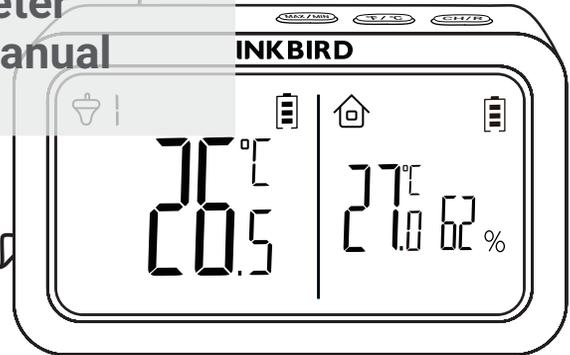
INKBIRD



IBS-P02R

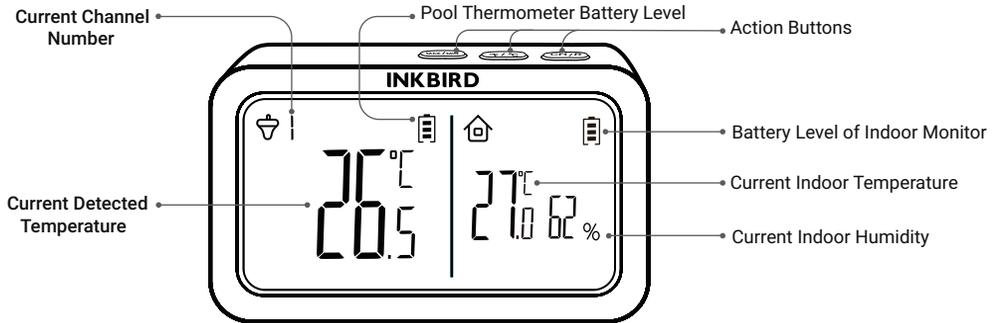
Wireless Pool Thermometer and Receiver Set User Manual

- 01- Product Introduction
- 02- Features & Specifications
- 03- Operation Instruction
- 04- Safeguards
- 05- Product Warranty
- 06- FCC Requirement

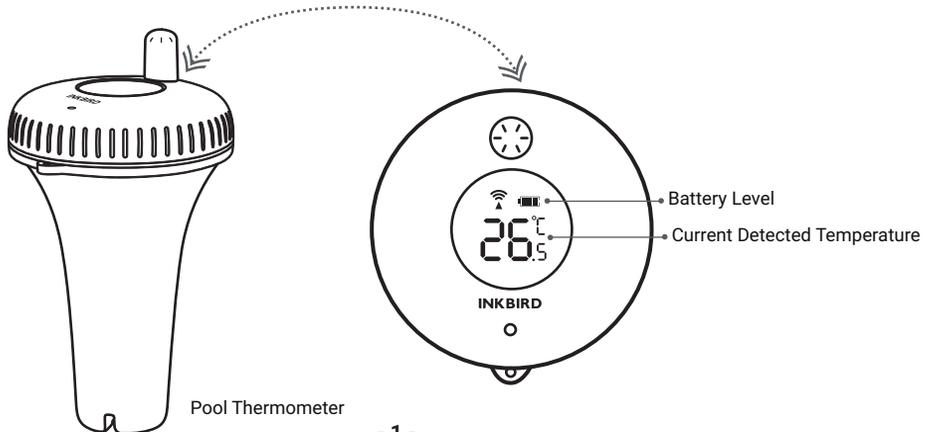


1. Product Introduction

► Temperature and Humidity Monitor (Receiver)



► Pool Thermometer (Transmitter)



2. 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°C (0.1°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

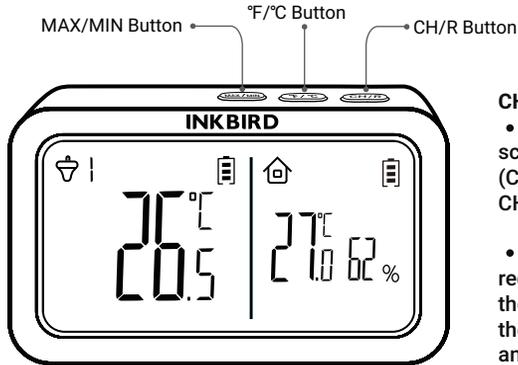
Pool Thermometer (Transmitter)

- 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°C (0.1°F)
- Sampling period: 10s
- Waterproof grade: IPX7
- Warranty: 1 year

3. 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:

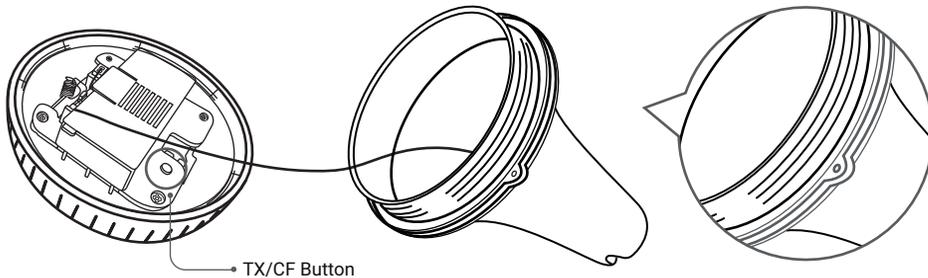
- In the normal mode, press it to switch the temperature unit between °C and °F.
- In the mode of displaying maximum/minimum values (press the MAX/MIN button to enter the display mode of maximum/minimum values), press the °C/°F button to switch the recording interval of maximum/minimum values between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



The green part is a waterproof gasket, which should not be removed at any time!

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.

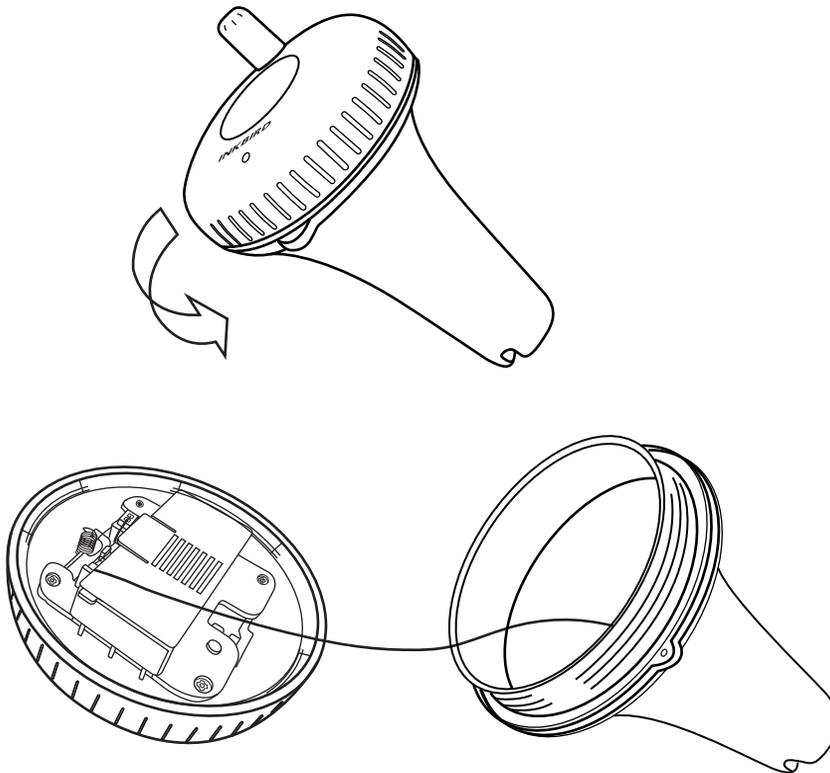
3.2 Add Sub-Devices

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

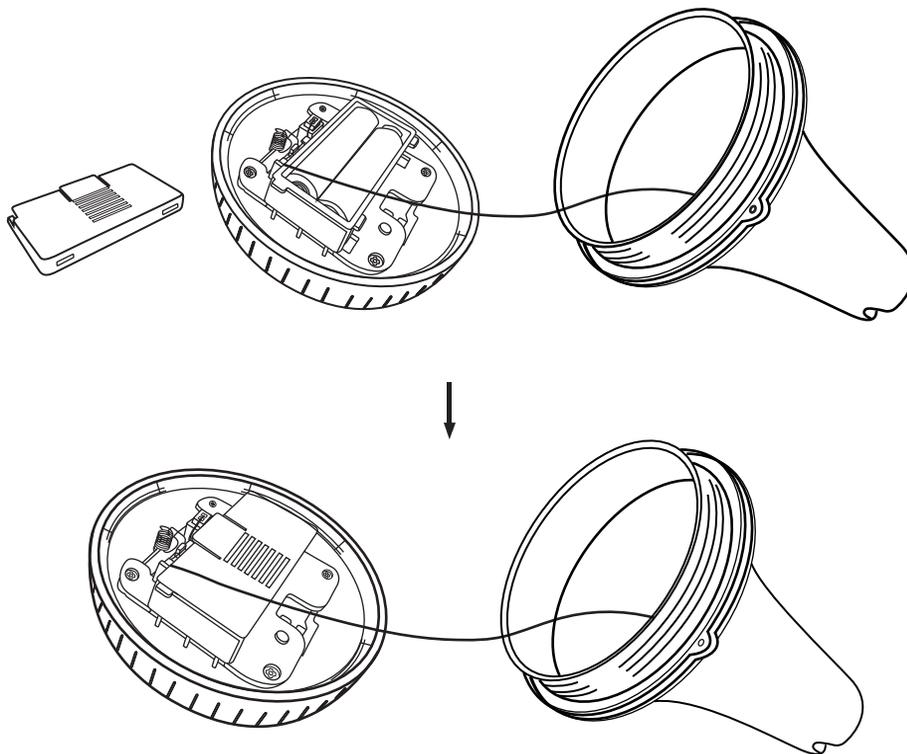
Note: If you fail to add sub-devices, please remove the batteries of the pool thermometer (transmitter), and repeat steps b~c to add the device.

3.3 Battery Installation of Pool Thermometer (Transmitter)

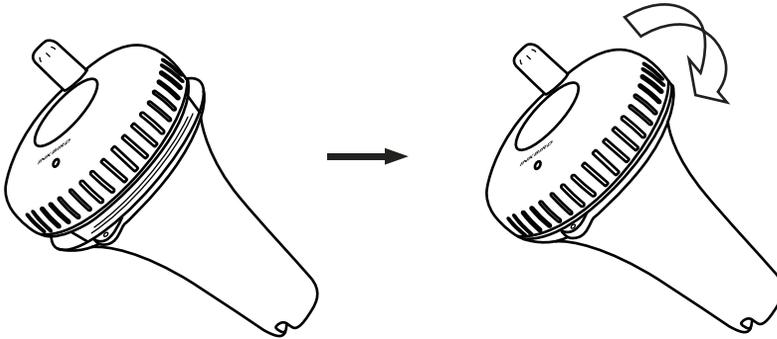
- Unscrew the lid of the pool thermometer as shown below.



- 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.



4. 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.

5. 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.

6. 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.

INKBIRD TECH.C.L.

support@inkbird.com

Factory address: 6th Floor, Building 713, Pengji Liantang Industrial Area, NO.2 Pengxing Road, Luohu District, Shenzhen, China

Office address: Room 1803, Guowei Building, NO.68 Guowei Road, Xianhu Community, Liantang, Luohu District, Shenzhen, China

MADE IN CHINA

DESIGNED BY INKBIRD

V1.0

