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Inkbird IBS-P02R

INKBIRD IBS-P02R Floating Wireless Thermometer Set

User Instruction Manual
Model: IBS-P02R | Brand: Inkbird

PRODUCT OVERVIEW

The INKBIRD IBS-P02R is a versatile floating wireless thermometer set designed for accurate temperature and humidity monitoring in various aquatic environments. It includes a floating pool thermometer (transmitter) and an indoor temperature and humidity monitor (receiver), allowing you to conveniently monitor conditions from a distance. This device is suitable for swimming pools, hot tubs, small ponds, and aquariums.



Image: The INKBIRD IBS-P02R set, featuring the white floating thermometer and the rectangular indoor display unit.

PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- 1x IBS-P02R-I Indoor Monitor (Receiver)
- 1x IBS-P02R-O Pool Thermometer (Transmitter)
- 1x User Manual
- Batteries (4x AAA, typically not included and need to be prepared)

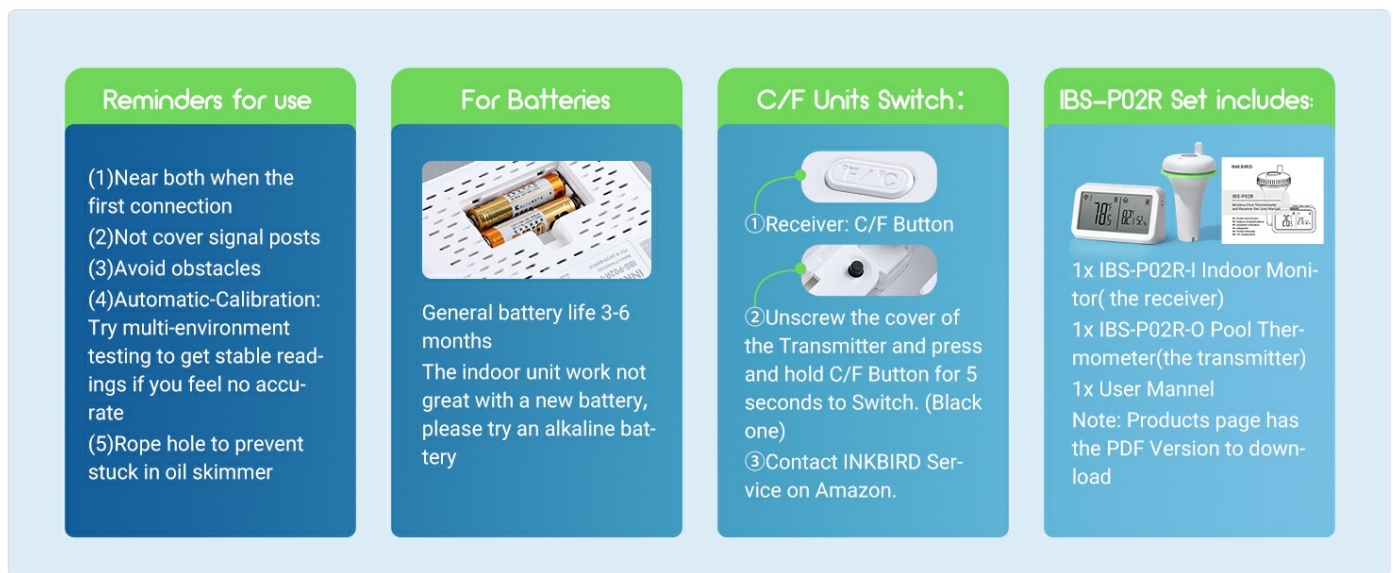


Image: Visual representation of the IBS-P02R components and setup steps.

SETUP INSTRUCTIONS

1. Step 1: Prepare Batteries

Acquire 4x AAA batteries. Insert 2x AAA batteries into the indoor monitor and 2x AAA batteries into the floating pool thermometer. Ensure correct polarity.

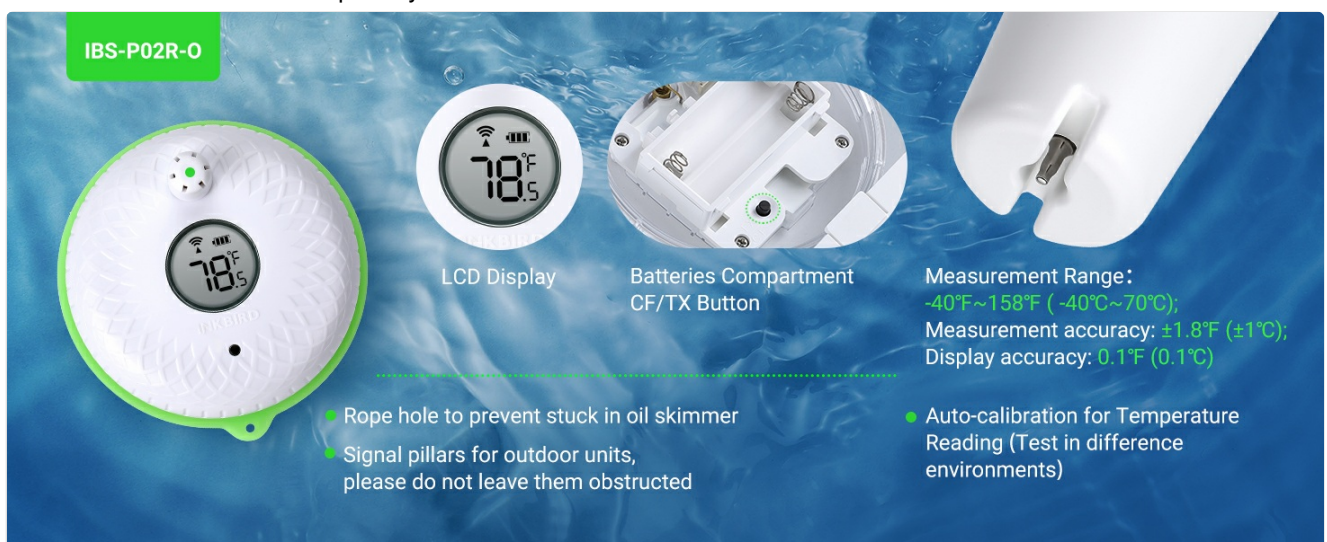


Image: Illustration of battery insertion into both units.

2. Step 2: Initial Connection and Display Check

Place both the indoor monitor and the floating thermometer near each other for the first connection. Check the display on both units. The indoor monitor should show the outdoor temperature from the floating thermometer, along with its own indoor temperature and humidity readings.

If the units do not connect automatically, ensure there are no significant obstacles between them during initial pairing. The indoor unit may not work optimally with a low battery; try an alkaline battery if issues persist.

OPERATING INSTRUCTIONS

Understanding the Display

The indoor monitor features a large LCD display showing various readings:

- **Indoor Temperature:** Current temperature at the indoor monitor's location.
- **Indoor Humidity:** Current humidity at the indoor monitor's location.

- **Outdoor Temperature:** Temperature reported by the floating pool thermometer.
- **Channel Number:** Indicates which outdoor sensor is being displayed (supports up to 3 channels).
- **Battery Life Indicator:** Shows remaining battery power for both units.

Wireless Pool Thermometer Set

- | | |
|------------------------------|-------------------------|
| A Indoor Temperature | D Channel Number |
| B Indoor Humidity | E Battery Life |
| C Outdoor Temperature | |



Image: Detailed view of the indoor monitor's LCD display and its indicators.

Switching Temperature Units (°C/°F)

You can switch between Celsius and Fahrenheit on both the indoor monitor and the floating thermometer:

- **Indoor Monitor:** Press the '°F/°C Button' on the top of the indoor monitor.
- **Floating Thermometer:** Unscrew the cover of the transmitter. Press and hold the 'C/F Button' inside for 5 seconds.

Monitoring Multiple Locations (Optional)

The indoor monitor supports simultaneous monitoring of up to 3 outdoor sensors (additional sensors sold separately). Each sensor will transmit data on a different channel.

Supports Simultaneous Monitoring of 3 Locations



Image: The indoor monitor displaying readings from three different outdoor sensors.

Transmission Distance

The wireless transmission distance can reach up to 300 feet (90 meters) in open areas without obstacles. For optimal performance, ensure a clear line of sight between the floating thermometer and the indoor monitor.

Up To 300 Feet Transmission Distance

stable and reliable



Image: Visual representation of the wireless transmission range from the pool to the indoor unit.

Official Product Video: IBS-P02R Wireless Floating Pool Thermometer

Your browser does not support the video tag.

Video: An official product video demonstrating the features and usage of the INKBIRD IBS-P02R Wireless Floating Pool Thermometer.

MAINTENANCE

- **Cleaning:**

Wipe both units with a soft, damp cloth. Do not use abrasive cleaners or immerse the indoor monitor in water. The floating thermometer is waterproof (IPX7 rated) but should be cleaned gently.

- **Battery Replacement:**

Replace batteries in both units when the low battery indicator appears on the display. General battery life is 3-6 months. For best performance, use alkaline batteries.

- **Waterproofing (Floating Thermometer):**

The floating thermometer is IPX7 waterproof, meaning it can be submerged in water up to 1 meter for 30 minutes.

Ensure the battery compartment cover is securely tightened to maintain its waterproof seal. It comes with a heavy-duty silicone airtight ring for enhanced protection.



Image: Close-up of the floating thermometer emphasizing its waterproof design and silicone seal.

- **Rope Hole Design:**
The floating thermometer features a rope hole design to prevent it from getting stuck in an oil skimmer or drifting away. Utilize this feature for secure placement.

TROUBLESHOOTING

Issue	Possible Cause	Solution
No reading on indoor monitor / Disconnection	Low batteries; Too far apart; Obstacles blocking signal; Initial connection not established.	Replace batteries in both units. Move units closer. Remove obstacles. Ensure both units are near each other during initial setup.

Issue	Possible Cause	Solution
Inaccurate temperature readings	Sensor not fully submerged (floating unit); Unit placed in direct sunlight (indoor unit); Need for auto-calibration.	Ensure floating unit is properly submerged. Place indoor unit away from direct sunlight or heat sources. The device features auto-calibration; try testing in different environments to confirm readings.
Water inside floating thermometer	Battery cover not securely tightened; Damaged silicone seal.	Ensure the battery compartment cover is tightly screwed on. Check the silicone airtight ring for any damage and ensure it is properly seated. If damage is present, contact customer support.

SPECIFICATIONS

- **Model:** IBS-P02R
- **Product Dimensions:** 6.06 x 3.34 x 3.34 inches; 14.89 ounces
- **Power Source:** Battery Powered (4x AAA, 2 for each unit)
- **Connectivity Technology:** Wireless (RF)
- **Display Type:** LCD
- **Waterproof Rating (Floating Unit):** IPX7
- **Outdoor Temperature Range:** -40°C to 70°C (-40°F to 158°F)
- **Indoor Temperature Range:** -10°C to 60°C (14°F to 140°F)
- **Indoor Humidity Range:** 0% to 99% RH
- **Temperature Accuracy:** ±1.0°C (±1.8°F)
- **Humidity Accuracy:** ±5%
- **Sampling Interval:** Every 10 seconds
- **Transmission Distance:** Up to 300 feet (90 meters) in open air
- **Outer Material:** Silicone



Image: Dimensional specifications for the indoor monitor and floating thermometer.

WARRANTY AND SUPPORT

Inkbird provides customer support for its products. For any issues, questions, or warranty claims, please contact Inkbird customer service. Refer to the official Inkbird website or your purchase platform for the most current contact information. You can also find the official User Manual in PDF format for download on the product page or via the following link:

[INKBIRD IBS-P02R User Manual \(PDF\)](#)

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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