

Inkbird IBS-P01R, IBS-TH2

Inkbird IBS-P01R Wireless Pool Thermometer and IBS-TH2 Freezer Thermometer Bundle User Manual

Models: IBS-P01R, IBS-TH2

1. INTRODUCTION

This user manual provides detailed instructions for the Inkbird IBS-P01R Wireless Pool Thermometer and the Inkbird IBS-TH2 Bluetooth Temperature and Humidity Sensor. This bundle offers versatile temperature and humidity monitoring solutions for various applications, from swimming pools and spas to freezers, refrigerators, and indoor environments. Please read this manual thoroughly before using the devices to ensure proper operation and longevity.

2. PRODUCT COMPONENTS

The Inkbird IBS-P01R and IBS-TH2 bundle includes the following items:

- 1 x IBS-P01R Floating Pool Thermometer Sensor
- 1 x IBS-P01R Indoor Receiver
- 1 x IBS-TH2 Bluetooth Temperature and Humidity Sensor
- User Manuals for each device

3. SETUP

3.1 IBS-P01R Wireless Pool Thermometer

1. **Install Batteries:** Open the battery compartment of both the floating sensor and the indoor receiver. Insert the required batteries (typically AAA for receiver, AA for sensor, refer to specific device manual for exact type and quantity), ensuring correct polarity.
2. **Placement of Floating Sensor:** Place the IBS-P01R floating sensor directly into the water body you wish to monitor (e.g., swimming pool, spa, fish pond). Ensure it floats freely.
3. **Placement of Indoor Receiver:** Position the indoor receiver within the wireless range of the floating sensor. The maximum wireless connection distance is approximately 300 feet (91 meters) in open areas. Obstacles like walls and electronic devices may reduce this range.

4. **Pairing:** The sensor and receiver should automatically pair. If not, refer to the IBS-P01R specific manual for manual pairing instructions. The receiver will display the water temperature from the floating sensor and the indoor temperature/humidity.



Image: The Inkbird IBS-P01R floating pool thermometer and its indoor receiver displaying temperature readings.

Control From Your Phone

Bluetooth Connection

Range: 30 meters(98ft)



Image: Diagram illustrating the 300-foot wireless connection range between the IBS-P01R sensor and receiver.

3.2 IBS-TH2 Bluetooth Temperature and Humidity Sensor

1. **Install Batteries:** Open the battery compartment and insert the required batteries (typically AAA, refer to specific device manual for exact type and quantity), ensuring correct polarity.
2. **Download the App:** Search for the "InkbirdPro" app on the App Store (iOS) or Google Play (Android) and install it on your smartphone.
3. **Enable Bluetooth:** Ensure Bluetooth is enabled on your smartphone.
4. **Add Device:** Open the InkbirdPro app, register or log in, and follow the in-app instructions to add the IBS-TH2 device. The app will guide you through the pairing process.
5. **Placement:** Place the IBS-TH2 sensor in the desired monitoring location, such as a freezer, refrigerator, humidor, greenhouse, office, or car.

WIRELESS CONNECTION

THE MAXIMUM CONNECTION DISTANCE IS 300 FEET.
YOU CAN CHECK TEMPERATURE READINGS WITH THE
RECEIVER WITHOUT GOING OUTSIDE THE ROOM.



Image: The Inkbird IBS-TH2 sensor highlighting Bluetooth connectivity, app control, data graphing, export, and alerts.

SCOPE OF APPLICATION

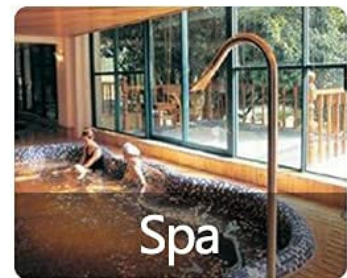


Image: Diagram showing the Bluetooth connection range of the IBS-TH2 sensor to a smartphone, approximately 30 meters (98 feet).

4. OPERATION

4.1 IBS-P01R Operation

The IBS-P01R indoor receiver continuously displays the water temperature from the floating sensor and the ambient temperature and humidity of the room where the receiver is located. The display typically shows current readings, along with maximum and minimum values over a 24-hour period or all-time, depending on the display mode. Buttons on the receiver allow for switching between temperature units (°C/°F) and clearing min/max records.

4.2 IBS-TH2 Operation via InkbirdPro App

Once connected to the InkbirdPro app, the IBS-TH2 offers advanced monitoring features:

- **Real-time Monitoring:** View current temperature and humidity readings.
- **Data Graphing:** Access historical data presented in graphs, allowing you to track trends over time.
- **Accuracy Calibration:** Calibrate the sensor readings if necessary to ensure accuracy.
- **High/Low-Temperature Alarms:** Set custom high and low-temperature/humidity thresholds. The app will send

notifications if readings fall outside these ranges.

- **Data Export:** Export recorded data for analysis. The device stores up to 30,000 points of data.
- **Sampling Interval:** Adjust the frequency at which the sensor takes readings.
- **Multi-Device Support:** The app supports connecting to multiple IBS-TH2 sensors, allowing you to monitor various locations with one smartphone. Conversely, multiple smartphones can connect to and read data from a single sensor.

5. MAINTENANCE

5.1 Battery Replacement

When the battery indicator on the IBS-P01R receiver or the InkbirdPro app for IBS-TH2 shows low power, replace the batteries promptly. Use new batteries of the specified type and ensure correct polarity during installation.

5.2 Cleaning

Wipe the exterior of both devices with a soft, damp cloth. Do not use abrasive cleaners or immerse the IBS-P01R receiver or IBS-TH2 sensor in water (only the IBS-P01R floating sensor is designed for water immersion). Ensure the IBS-TH2 sensor's ventilation holes are clear of dust or debris for accurate readings.

5.3 Waterproofing

The IBS-P01R floating sensor is designed for water immersion. The IBS-TH2 sensor has an IPX4 waterproof rating, meaning it is resistant to splashing water from any direction. It can be used in environments like refrigerators but should not be submerged in water.

IPX4 Waterproof can be used in a refrigerator



Image: The Inkbird IBS-TH2 sensor placed inside a refrigerator, demonstrating its IPX4 splash-proof capability.

6. TROUBLESHOOTING

- **No Display on IBS-P01R Receiver:** Check batteries in both the sensor and receiver. Ensure they are inserted correctly.
- **IBS-P01R No Signal/Inaccurate Readings:** Ensure the sensor and receiver are within range and free from major obstructions. Replace batteries if low. Avoid placing the receiver near strong electromagnetic interference sources.
- **IBS-TH2 Not Connecting to App:** Ensure Bluetooth is enabled on your phone. Check if the sensor batteries are charged. Restart the app and try pairing again. Ensure the sensor is within Bluetooth range (approx. 30 meters/98 feet).
- **Inaccurate Readings on IBS-TH2:** Ensure the sensor's ventilation holes are not blocked. If readings are consistently off, use the calibration feature in the InkbirdPro app.
- **App Notifications Not Working:** Check your phone's notification settings for the InkbirdPro app to ensure they are enabled. Verify that alarm thresholds are correctly set within the app.

7. SPECIFICATIONS

7.1 IBS-P01R Wireless Pool Thermometer

- **Water Temperature Range:** Typically -40°F to 158°F (-40°C to 70°C)
- **Indoor Temperature Range:** Typically -4°F to 158°F (-20°C to 70°C)
- **Indoor Humidity Range:** 10% to 99% RH
- **Wireless Range:** Up to 300 feet (91 meters) in open air
- **Power:** Batteries (specific types for sensor and receiver, refer to product manual)

7.2 IBS-TH2 Bluetooth Temperature and Humidity Sensor

- **Temperature Range:** -40°F to 140°F (-40°C to 60°C)
- **Humidity Range:** 0% RH to 99% RH
- **Bluetooth Range:** Up to 98 feet (30 meters) in open air
- **Data Storage:** Up to 30,000 points
- **Waterproof Rating:** IPX4 (splash-proof)
- **Power:** Batteries (specific type, refer to product manual)



8. WARRANTY AND SUPPORT



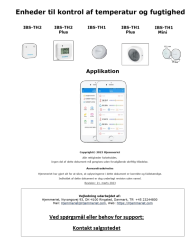

Inkbird products typically come with a limited warranty. For specific warranty details, registration, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Inkbird website. You can also contact Inkbird customer service directly for assistance.



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Related Documents - IBS-P01R, IBS-TH2

<div> </div>	<div>Inkbird IBS-M1 Wi-Fi Gateway User Manual User manual for the Inkbird IBS-M1 Wi-Fi Gateway, detailing its features, setup, connectivity with Bluetooth/wireless sensors, and app integration for remote monitoring. Includes warranty information.</div>
<div>尺寸: 560x160mm 类型: 折页</div>	<div>Inkbird IBS-M1 Wi-Fi Gateway User Manual and Features Learn about the Inkbird IBS-M1 Wi-Fi Gateway, its features, setup instructions, synchronization, and warranty information. Connect your Inkbird Bluetooth and wireless thermometers/hygrometers to Wi-Fi.</div>

	<p>INKBIRD IBS-M2 Wireless Pool Thermometer User Manual and App Guide</p> <p>Comprehensive user manual for the INKBIRD IBS-M2 wireless pool thermometer system, including gateway setup, app connection, features, specifications, and safety guidelines. Monitor your pool temperature and humidity remotely.</p>
	<p>INKBIRD IBS-TH2 PLUS Temperature and Humidity Smart Sensor</p> <p>Detailed specifications, features, and app usage guide for the INKBIRD IBS-TH2 PLUS wireless temperature and humidity smart sensor. Monitor your environment with accuracy and convenience using the 'Engbird' mobile app.</p>
	<p>Inkbird IBS-TH Serie: Temperatur- & Fugtighedsdatamålere - Brugervejledning & Specifikationer</p> <p>Omfattende vejledning til Inkbird IBS-TH2, IBS-TH2 Plus, IBS-TH1, IBS-TH1 Plus og IBS-TH1 Mini Bluetooth temperatur- og fugtighedsdatamålere. Inkluderer funktioner, specifikationer, app-brug og bemærkninger.</p>
	<p>INKBIRD Wireless Pool Thermometer with IBS-M2 Wi-Fi Gateway User Manual</p> <p>Comprehensive user manual for the INKBIRD Wireless Pool Thermometer and IBS-M2 Wi-Fi Gateway, detailing product features, specifications, app connection, setup instructions, safeguards, warranty, and FCC compliance.</p>