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› BALDR B0341TH-BO Wireless Indoor Outdoor Thermometer Instruction Manual

## Baldr B0341TH-BO

# BALDR B0341TH-BO Wireless Indoor Outdoor Thermometer

Instruction Manual

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## 1. INTRODUCTION

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Thank you for choosing the BALDR B0341TH-BO Wireless Indoor Outdoor Thermometer. This device provides accurate real-time temperature and humidity readings for both indoor and outdoor environments, along with a weather forecast function. It features a large LCD display with a warm backlight for easy readability. This manual will guide you through the setup, operation, and maintenance of your new thermometer.

## 2. PACKAGE CONTENTS

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- 1 x BALDR B0341TH-BO Main Unit
- 1 x Wireless Outdoor Sensor
- 1 x User Manual

Note: Batteries are not included. The main unit requires 2x AAA batteries, and the outdoor sensor requires 2x AA batteries.

## 3. PRODUCT OVERVIEW

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### 3.1 Main Unit Display

# Real-Time Feedback Of Monitoring Data



Temperature



Humidity



°C/°F  
Switch



Trend  
Indicator

**MAX  
MIN**

MAX/MIN  
Records



Weather  
Forecast



Backlight



Big Screen

Image: Front view of the BALDR B0341TH-BO main unit display, showing outdoor and indoor temperature/humidity, weather forecast, date, and time.

The main unit features a large LCD display that shows the following information:

- **Outdoor Temperature & Humidity:** Displays readings from the wireless outdoor sensor.
- **Indoor Temperature & Humidity:** Displays readings from the main unit's internal sensors.
- **Weather Forecast:** Icons indicating predicted weather conditions (Sunny, Sunny to Cloudy, Cloudy, Rainy, Snowy).
- **Date & Time:** Current date and time.
- **Channel Indicator:** Shows the active channel for the outdoor sensor (CH1, CH2, or CH3).
- **MAX/MIN Records:** Highest and lowest recorded temperature and humidity.

## 3.2 Main Unit Buttons

## 2 Mounting Options



Hanging Hole

Button Operation

Battery Box

Desktop Stand



Desktop Stand



Wall Hanging

Image: Rear view of the BALDR B0341TH-BO main unit, highlighting the hanging hole, button operation area, battery box, and desktop stand.

- **ALARM:** Used to set and activate the alarm.
- **MEM:** Displays maximum and minimum temperature/humidity records. Press again to clear records.
- **CH (Channel):** Switches between outdoor sensor channels (CH1, CH2, CH3) if multiple sensors are used.
- **SET:** Enters settings mode for time, date, and temperature unit. Confirms settings.
- **Light/Snooze Button (Top):** Activates the backlight and functions as a snooze button for the alarm.

### 3.3 Wireless Outdoor Sensor



Image: The BALDR B0341TH-BO main unit alongside its wireless outdoor sensor.

The outdoor sensor transmits temperature and humidity data wirelessly to the main unit. It features a channel switch and a battery compartment.

## 4. SETUP

### 4.1 Battery Installation

#### 1. Outdoor Sensor:



Image: Close-up of the outdoor sensor showing the channel switch set to CH1.

Open the battery compartment. Set the channel switch to CH1 (default). Insert 2 new "AA" batteries, observing polarity (+/-). Close the compartment.



Image: Illustration of inserting AA batteries into the outdoor sensor.

## 2. Main Unit:



Image: Illustration of inserting AAA batteries into the main unit.

Open the battery compartment. Insert 2 new "AAA" batteries, observing polarity (+/-). Close the compartment.

After installing batteries in both units, place them close to each other for 2-3 minutes to allow for initial pairing. Do not move them until the connection is established.



Image: Main unit and outdoor sensor placed together for initial pairing.

## 4.2 Sensor Placement

For optimal performance, place the outdoor sensor in a shaded area, protected from direct sunlight and rain. Ensure it is within the wireless range (up to 100m/326ft) of the main unit, avoiding large metal objects or thick walls that may interfere with the signal.

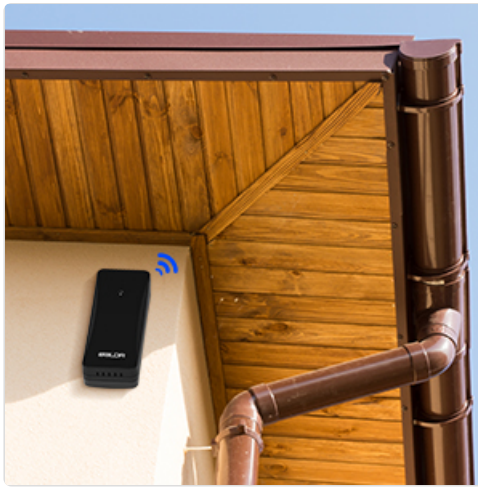


Image: An outdoor sensor mounted under a roof eave, protected from direct elements.

The main unit can be placed on a desktop using its integrated stand or mounted on a wall using the hanging hole.

## 2 Mounting Options



Hanging Hole

Button Operation

Battery Box

Desktop Stand



Desktop Stand



Wall Hanging

Image: Two examples of main unit placement: on a desktop stand and wall-mounted.

## 5. OPERATION

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### 5.1 Setting Time and Date

1. Press and hold the **SET** button for 3 seconds to enter time setting mode. The hour digit will flash.
2. Use the **ALARM** or **MEM** buttons to adjust the hour.
3. Press **SET** to confirm and move to the minute setting.
4. Repeat steps 2 and 3 for minutes, year, month, and day.
5. Press **SET** again to exit settings.

### 5.2 Temperature Unit Selection (°C/°F)

Briefly press the **SET** button (not holding) to switch between Celsius (°C) and Fahrenheit (°F) temperature units.

### 5.3 MAX/MIN Temperature and Humidity Records

Press the **MEM** button to view the maximum recorded temperature and humidity. Press it again to view the minimum records. Press a third time to return to current readings. To clear the MAX/MIN records, press and hold the **MEM** button for 3 seconds while viewing the records.

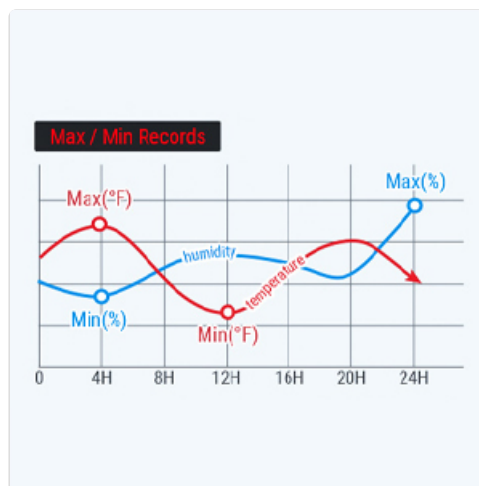


Image: A graph illustrating temperature and humidity trends with maximum and minimum points.

### 5.4 Weather Forecast

The weather forecast icons predict weather conditions for the next 12-24 hours based on changes in atmospheric pressure. The icons include Sunny, Sunny to Cloudy, Cloudy, Rainy, and Snowy. The accuracy is approximately 70-75%.

# Weather Forecast



Image: Display showing various weather forecast icons: Sunny, Sunny to Cloudy, Cloudy, Rainy, and Snowy.

## 5.5 Backlight Function

Press the **Light/Snooze** button on the top of the main unit to activate the warm backlight for 10 seconds, improving readability in low-light conditions.

# LCD Screen With Warm Backlight



Day



Night



Image: Comparison of the display in daylight (no backlight) and at night (with warm backlight activated).

## 5.6 Multi-Sensor Control (Optional)

The main unit can connect with up to three outdoor sensors (additional sensors sold separately). To switch between sensor channels, briefly press the **CH** button. The display will cycle through CH1, CH2, CH3, and an auto-cycle mode.

# Remotely Control Up To 3 Sensors

1 Sensor Included

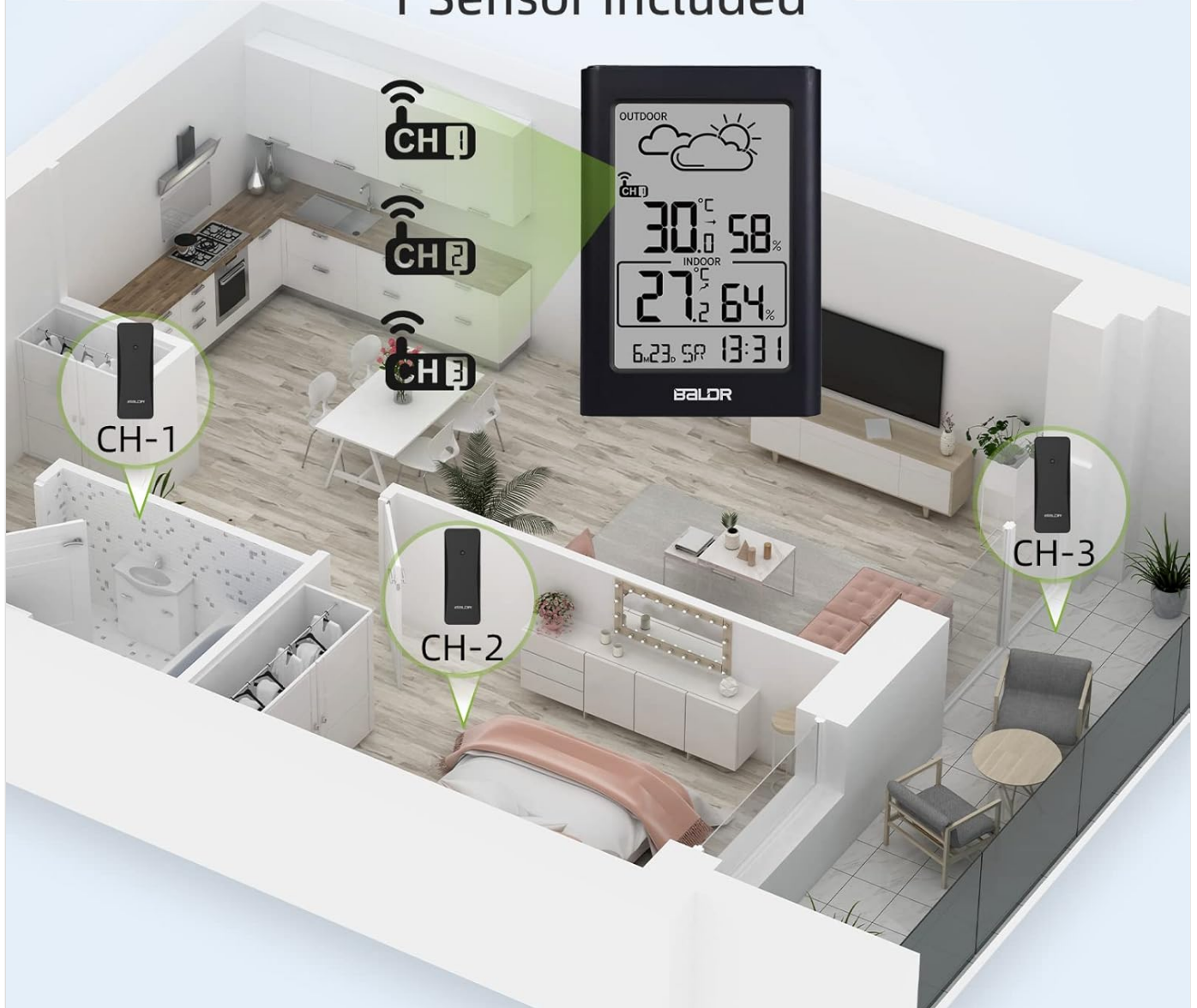


Image: An overhead diagram of a house showing the main unit and three outdoor sensors placed in different rooms, indicating wireless connectivity.

## 6. MAINTENANCE

- Clean the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Avoid exposing the main unit to direct sunlight, extreme temperatures, or moisture.
- Replace batteries when the low battery indicator appears on the display to ensure accurate readings and continuous operation.
- If the device will not be used for an extended period, remove the batteries to prevent leakage.

## 7. TROUBLESHOOTING

Problem	Solution
No outdoor temperature/humidity reading or "---" displayed.	<ul style="list-style-type: none"> <li>◦ Ensure batteries are correctly installed in both the main unit and outdoor sensor.</li> <li>◦ Check if the outdoor sensor is within range (max 100m/326ft) and free from interference.</li> <li>◦ Press and hold the <b>CH</b> button on the main unit to re-establish connection.</li> <li>◦ Try resetting both units by removing and reinserting batteries.</li> </ul>
Inaccurate temperature/humidity readings.	<ul style="list-style-type: none"> <li>◦ Ensure the outdoor sensor is placed in a shaded, well-ventilated area, away from direct sunlight, heat sources, or moisture.</li> <li>◦ Allow both units to stabilize for at least 30 minutes after initial setup or relocation.</li> </ul>
Display is dim or blank.	<ul style="list-style-type: none"> <li>◦ Replace batteries in the main unit.</li> <li>◦ Ensure the unit is not exposed to extreme cold, which can affect LCD performance.</li> </ul>

## 8. SPECIFICATIONS

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Feature	Detail
Model Number	B0341TH-BO
Indoor Temperature Range	0°C to 50°C (32°F to 122°F)
Outdoor Temperature Range	-40°C to 60°C (-40°F to 140°F)
Humidity Range	1% to 99% RH
Wireless Transmission Range	Up to 100 meters (326 feet) in open air
Frequency	433 MHz
Power Source (Main Unit)	2 x AAA batteries (not included)
Power Source (Outdoor Sensor)	2 x AA batteries (not included)
Product Dimensions (Main Unit)	0.86"D x 3.15"W x 4.76"H
Special Feature	Backlight, Weather Forecast, MAX/MIN Records, Multi-sensor support

## 9. WARRANTY & SUPPORT

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BALDR products are designed for reliability and performance. For any questions, technical support, or warranty claims, please refer to the contact information provided with your purchase or visit the official BALDR website. Please retain your proof of purchase for warranty purposes.

