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Quntis B0B5TDHHRZ

Quntis Wireless Weather Station with 3 Outdoor Sensors

User Manual

1. Introduction

Thank you for choosing the Quntis Wireless Weather Station. This device is designed to provide accurate indoor and outdoor temperature and humidity readings, along with a weather forecast, time, and date. Its user-friendly touch screen interface and support for multiple external sensors make it a versatile tool for monitoring environmental conditions in various settings.

Key Features:

- Touch Screen Operation for easy control.
- Displays indoor and outdoor temperature and humidity.
- 24-hour historical MAX/MIN records.
- Supports up to 3 external sensors (one sensor included).
- Wireless transmission range of up to 60m (200ft).
- Large, clear display with an 8-second white backlight.
- Integrated alarm clock with 5-minute snooze function.
- Weather forecast icons and comfort level indicator.

2. Product Overview

2.1 Components

The Quntis Wireless Weather Station package includes the main display unit and one outdoor wireless sensor. Additional sensors can be purchased separately.



Image 2.1: The main weather station display unit and three outdoor sensors. Note that only one outdoor sensor is included in the standard package.

2.2 Main Display Unit Layout

The main unit features a large, easy-to-read display with various indicators and touch buttons for operation.



Image 2.2: Labeled diagram of the weather station's HD screen, showing the weather icon, time & date, backlight button, comfort level icon, indoor temperature & humidity, outdoor temperature & humidity, low battery reminder, channel display, and touch switch buttons (MEM, °C/°F SET, CH).

2.3 Outdoor Sensor Details

The outdoor sensor is designed for wireless transmission of temperature and humidity data to the main unit. It includes a battery compartment, channel switch, and a C/F degree switch.



Image 2.3: Back view of the outdoor sensor, highlighting the Wall Mount, C/F Degree Switch, Test Button, Channel Switch, and Battery Holder.

3. Setup

3.1 Battery Installation

Both the main unit and the outdoor sensor require batteries for operation. Ensure correct polarity when inserting batteries.

1. **Main Unit:** Open the battery compartment on the back of the main unit and insert 2 x AA batteries (not included).
2. **Outdoor Sensor:** Open the battery compartment on the back of the sensor and insert 2 x AA batteries (not included).



Image 3.1: Illustration of battery installation for both the main weather station unit and the outdoor sensor. Both require 2 x AA batteries, which are not included.

3.2 Sensor Pairing

After installing batteries, the main unit will automatically search for the outdoor sensor signal. Ensure the sensor is within range.

1. Set the channel switch on the back of the outdoor sensor to your desired channel (1, 2, or 3). If using multiple sensors, set each to a different channel.
2. The main unit will display the outdoor temperature and humidity for the paired sensor. If no signal is received, check battery installation and sensor proximity.

3.3 Placement Guidelines

Optimal placement ensures accurate readings and reliable wireless communication.

- **Main Unit:** Place the main unit indoors on a flat surface or mount it on a wall. Avoid direct sunlight or heat sources that could affect indoor temperature readings.

- **Outdoor Sensor:** Place the outdoor sensor in a shaded, well-ventilated area, protected from direct rain and sunlight. This helps ensure accurate temperature and humidity readings. The maximum wireless transmission distance is 60 meters (200 feet) in open areas. Walls and other obstructions may reduce this range.



Image 3.2: Illustration demonstrating the placement of the main weather station unit and multiple outdoor sensors within a house, emphasizing the 200ft/60m maximum distance between the sensor and the weather station.



Image 3.3: Examples of suitable outdoor sensor placement, including an outdoor wall, a living room, and a baby room, highlighting its versatility for different environments.

4. Operating Instructions

4.1 Time and Date Setting

The weather station allows you to set the current time and date.

- Press and hold the **°C/°F SET** button to enter time setting mode.
- Use the **MEM** or **CH** buttons to adjust the values.
- Press **°C/°F SET** again to confirm and move to the next setting (e.g., hour, minute, year, month, day).

4.2 Temperature Unit Selection (°C/°F)

You can switch between Celsius and Fahrenheit display units.

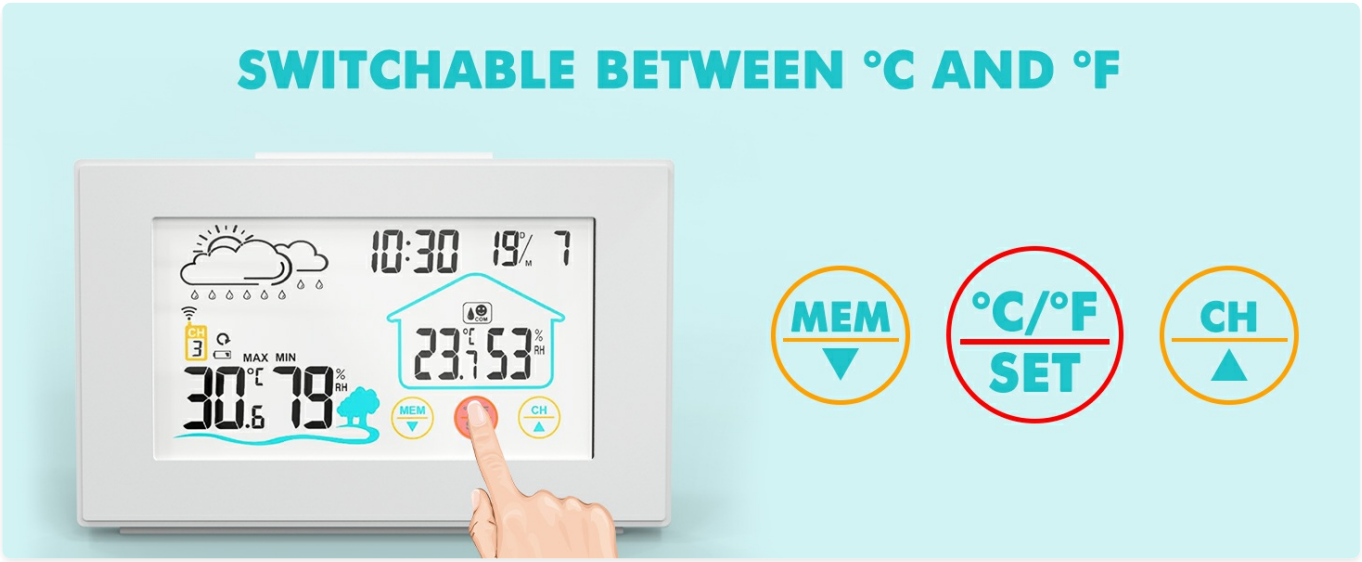

Image 4.1: Illustration highlighting the '°C/°F SET' button, used to switch the temperature display between Celsius and Fahrenheit.

Press the **°C/°F SET** button briefly to toggle between Celsius (°C) and Fahrenheit (°F).

4.3 Channel Switching

If you have multiple outdoor sensors, you can view data from each channel.

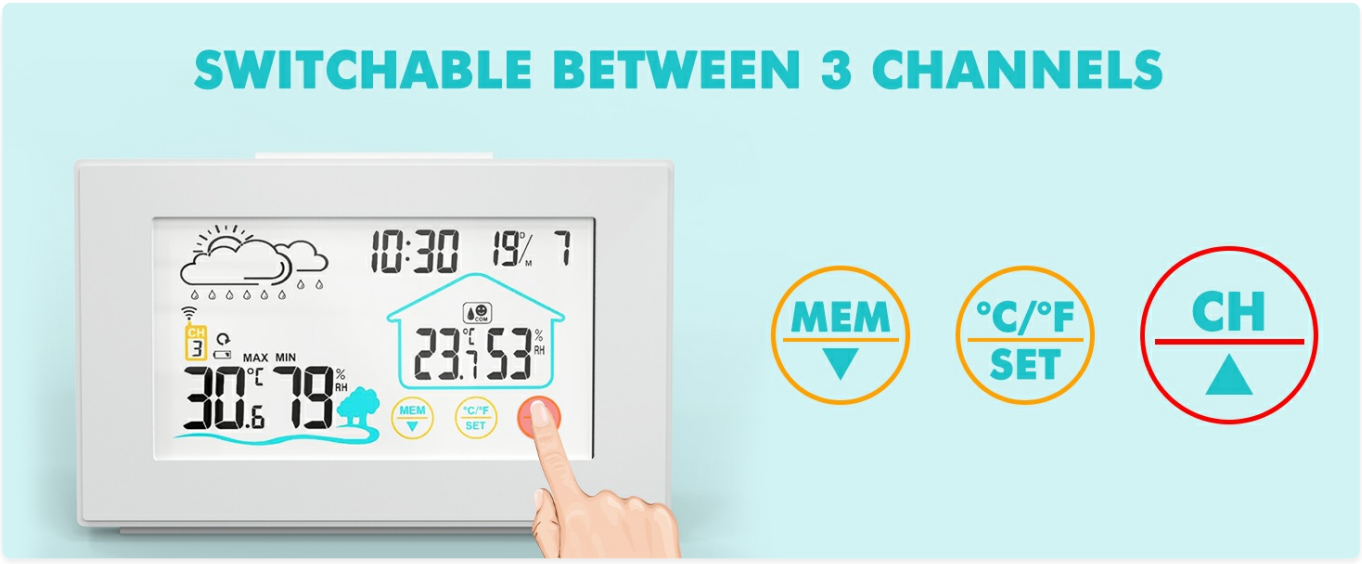

Image 4.2: Illustration highlighting the 'CH' button, used to switch between the data from different outdoor sensor channels (1, 2, or 3).

Press the **CH** button to cycle through the outdoor sensor channels (CH1, CH2, CH3) or to activate auto-cycle mode.

4.4 Max/Min Records

The weather station records the maximum and minimum temperature and humidity values over a 24-hour period.

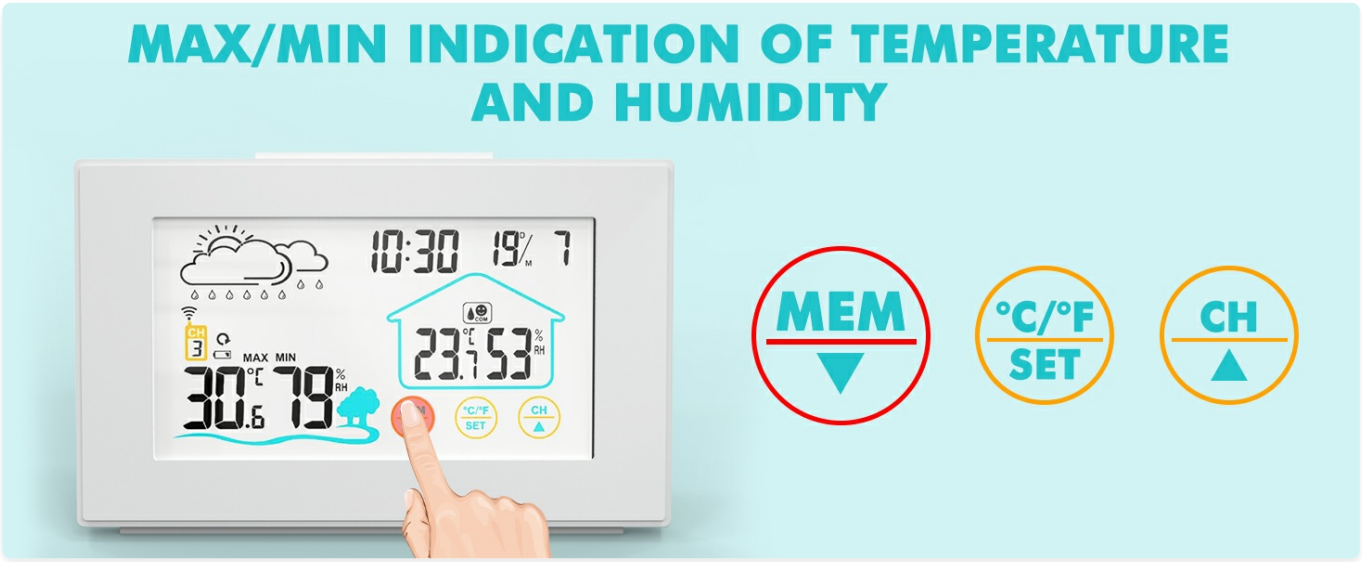

Image 4.3: Illustration highlighting the 'MEM' button, used to display the maximum and minimum recorded temperature and humidity values.

Press the **MEM** button to view the maximum recorded values. Press it again to view the minimum recorded values. Press a third time to return to current readings. To clear the records, press and hold the **MEM** button while viewing the MAX or MIN values.

4.5 Backlight Function

The display features a soft white backlight for easy viewing in low light conditions.



Image 4.4: The weather station display with its soft backlight activated, making it easy to read data in dark environments, such as at night.

Press the large button on the top of the main unit to activate the backlight. The backlight will stay on for 8 seconds and then automatically turn off to conserve battery power.

4.6 Alarm Clock

The weather station includes an alarm clock with a snooze function.

- To set the alarm, refer to the detailed instructions in the full manual (not provided here).
- When the alarm sounds, press any button (except the backlight button) to activate the 5-minute snooze function.

4.7 Weather Forecast

The weather station provides a forecast based on changes in atmospheric pressure.



Image 4.5: The weather station display showing various weather forecast icons, including sunny, cloudy, rainy, and partly cloudy/sunset, indicating predicted weather conditions.

The display will show one of several icons (e.g., sunny, cloudy, rainy) to indicate the predicted weather for the next 12-24 hours. This is an estimation and may not always match local weather services.

4.8 Comfort Level Indicator

The main unit displays a comfort level icon based on indoor humidity.



Image 4.6: Chart illustrating the comfort level induction based on humidity percentages: 'WET' (70-95% Humidity), 'COM' (40-70% Humidity), and 'DRY' (20-40% Humidity).

- **WET:** Humidity 70-95%
- **COM (Comfortable):** Humidity 40-70%
- **DRY:** Humidity 20-40%

5. Maintenance

- **Cleaning:** Wipe the display and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in both the main unit and outdoor sensor when the low battery indicator appears on the display. Always replace all batteries at the same time.
- **Storage:** If storing the device for an extended period, remove all batteries to prevent leakage.

6. Troubleshooting

Problem	Possible Cause	Solution
No outdoor temperature/humidity reading	Sensor out of range, low sensor battery, incorrect channel, interference.	Move sensor closer to main unit. Replace sensor batteries. Ensure sensor channel matches main unit. Avoid placing near electronic devices.
Inaccurate readings	Sensor exposed to direct sunlight/rain, placed near heat/cold source.	Relocate sensor to a shaded, well-ventilated area. Ensure main unit is not near heat/cold sources.
Display is dim or blank	Low main unit battery.	Replace main unit batteries.
Weather forecast is incorrect	Forecast is an estimation based on pressure changes, not real-time.	This is normal. The forecast is a general indication and may not always align with precise local conditions.

7. Specifications

Feature	Specification
Model	B0B5TDHHRZ
Main Unit Dimensions	1.1 x 15 x 9.5 cm (0.43 x 5.9 x 3.74 inches)
Main Unit Weight	390 g
Power Source (Main Unit)	2 x AA Batteries (not included)
Power Source (Outdoor Sensor)	2 x AA Batteries (not included)
Wireless Frequency	Standard wireless frequency
Wireless Range	Up to 60m (200ft) in open area
Temperature Accuracy	±1°C
Included Components	1 x Main Display Unit, 1 x Outdoor Sensor
Manufacturer	Quntis
Country of Origin	China

8. Warranty and Support

Quntis products are designed for reliability and performance. For any issues or questions regarding your weather station, please contact Quntis customer service. We are committed to providing prompt and helpful support.
For more information and support, please visit the official Quntis store on Amazon:Quntis Amazon Store

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