Quntis WDJ-JD5030120

Quntis Wireless Weather Station with 3 External Sensors Instruction Manual

INTRODUCTION

Welcome to your new Quntis Wireless Weather Station. This device provides accurate indoor and outdoor temperature and humidity readings, weather forecasts, current time, and an alarm function. It features a sensitive touch screen and supports up to three external wireless sensors for comprehensive environmental monitoring.

PACKAGE CONTENTS

- 1 x Quntis Wireless Weather Station Main Unit
- 3 x Wireless External Sensors
- 1 x Instruction Manual

Note: Batteries are not included and must be purchased separately.

PRODUCT OVERVIEW

The Quntis Weather Station features a clear color display and sensitive touch buttons for easy operation. The main unit displays indoor and outdoor temperature and humidity, current time, date, weather forecast, low battery indicator, and comfort level.

Figure 1: Main Unit Display and Touch Buttons - This diagram illustrates the various indicators and touch-sensitive buttons on the weather station's main display.

Each external sensor is designed for wireless transmission of temperature and humidity data to the main unit. They can be placed up to 60 meters (200 feet) away in open areas.
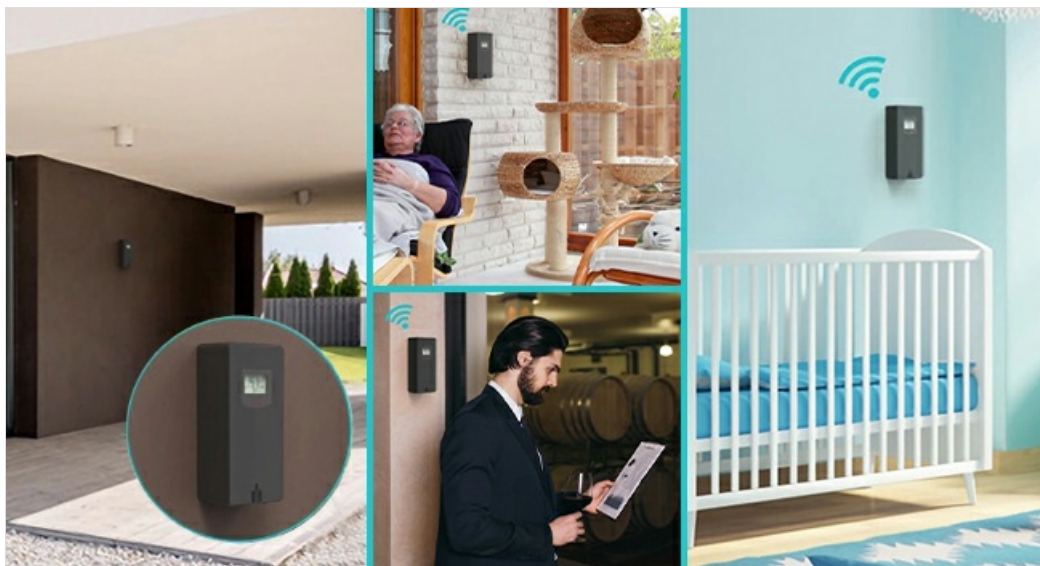

Figure 2: External Sensor Back Panel - Details of the external sensor's battery compartment and control switches.

SETUP

1. Installing Batteries

1. Open the battery compartment on the back of the main unit and each external sensor.
2. Insert 2 x AA batteries (not included) into the main unit, observing polarity (+/-).
3. Insert 2 x AA batteries (not included) into each external sensor, observing polarity (+/-).
4. Close the battery compartments securely.

Figure 3: Battery Installation - The main unit and sensors require AA batteries.

2. Pairing Sensors

The main unit should automatically connect with the sensors once batteries are installed. If connection is not established:

1. Ensure the main unit and sensors are within range (max 60m/200ft in open air).
2. On each external sensor, select a unique channel (CH1, CH2, or CH3) using the "Channel Switch" inside the battery compartment (refer to Figure 2).
3. On the main unit, press and hold the "CH" touch button for 3 seconds to initiate a search for sensors. The main unit will cycle through channels and display readings once connected.

3. Initial Settings (Time, Date, Temperature Unit)

1. **Set Time and Date:** Press and hold the "SET" part of the "°C/°F SET" touch button for 3 seconds to enter time setting mode. Use the "MEM" and "CH" buttons to adjust values and "SET" to confirm and move to the next setting (Hour -> Minute -> Year -> Month -> Day).
2. **Select Temperature Unit:** Briefly touch the "°C/°F" part of the "°C/°F SET" button to switch between Celsius (°C) and

Fahrenheit (°F).

OPERATING INSTRUCTIONS

1. Display Overview

The main display provides a comprehensive view of environmental data:

- **Indoor Temperature & Humidity:** Current readings for the main unit's location.
- **Outdoor Temperature & Humidity:** Readings from the currently selected external sensor.
- **Weather Forecast:** Icons indicating predicted weather conditions (Sunny, Cloudy, Rainy, Sunset).
- **Time & Date:** Current time and date.
- **Comfort Level:** An icon indicating the indoor comfort level based on humidity (WET: 70-95%, COM: 40-70%, DRY: 20-40%).
- **Low Battery Reminder:** An icon appears when batteries in the main unit or a sensor are low.

Figure 4: Weather Forecast Icons - The display shows predicted weather conditions.

2. Channel Selection

To view data from different external sensors, briefly touch the "CH" button. The display will cycle through CH1, CH2, CH3, and then an automatic cycle mode (displaying each channel for a few seconds).
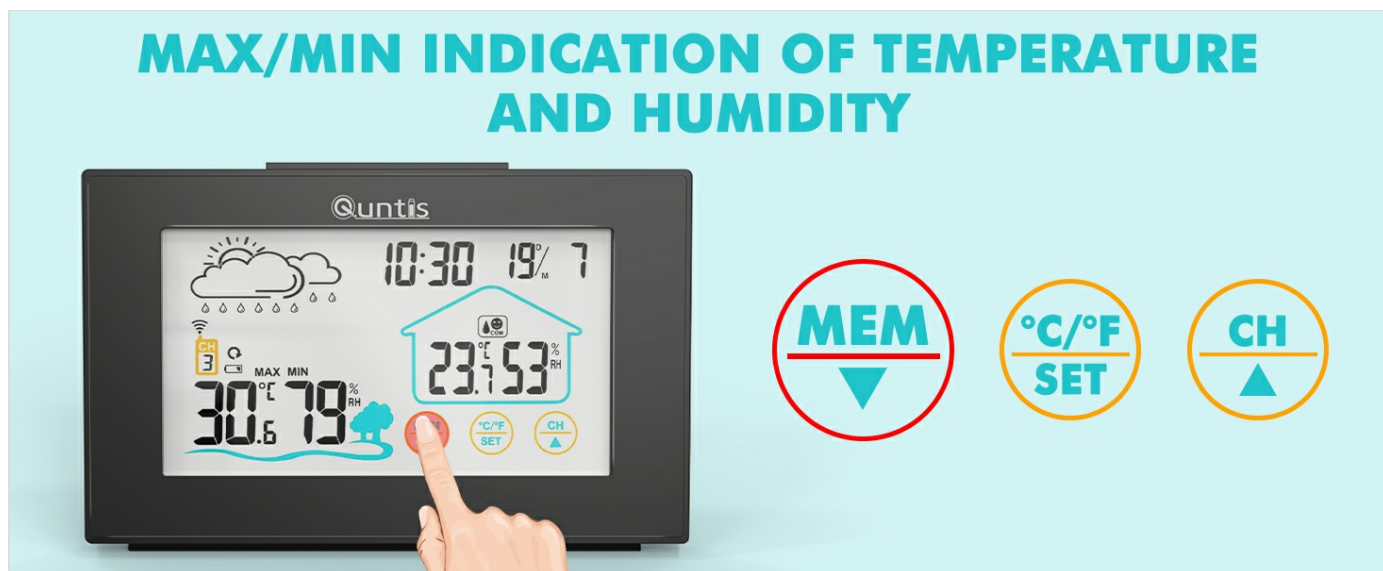
3. Alarm Clock and Snooze Function

The weather station includes an alarm clock with a default 5-minute snooze function.

1. **Setting the Alarm:** Press and hold the "MEM" button to enter alarm setting mode. Use "MEM" and "CH" to adjust the alarm time and "SET" to confirm.
2. **Activating/Deactivating Alarm:** Briefly press the "MEM" button to toggle the alarm on/off. An alarm icon will appear/disappear on the display.
3. **Snooze:** When the alarm sounds, press the "Snooze/Light" button (usually located on top) to activate snooze. The alarm will sound again after 5 minutes.
4. **Stop Alarm:** To stop the alarm completely, press any button other than "Snooze/Light", or press and hold "Snooze/Light" for more than 2 seconds.

4. Max/Min Temperature and Humidity Records

The weather station records the maximum and minimum temperature and humidity values for both indoor and outdoor environments.

1. Briefly touch the "MEM" button to display the maximum recorded values (MAX).
2. Touch the "MEM" button again to display the minimum recorded values (MIN).
3. Touch the "MEM" button a third time to return to current readings.
4. To clear the MAX/MIN records, press and hold the "MEM" button for 3 seconds while MAX or MIN values are displayed.

Figure 6: Max/Min Records - Access historical temperature and humidity data.

5. Backlight Operation

To illuminate the display in low light conditions, briefly press the "Snooze/Light" button (usually on top of the unit). The backlight will activate for 8 seconds and then turn off automatically to conserve battery power.
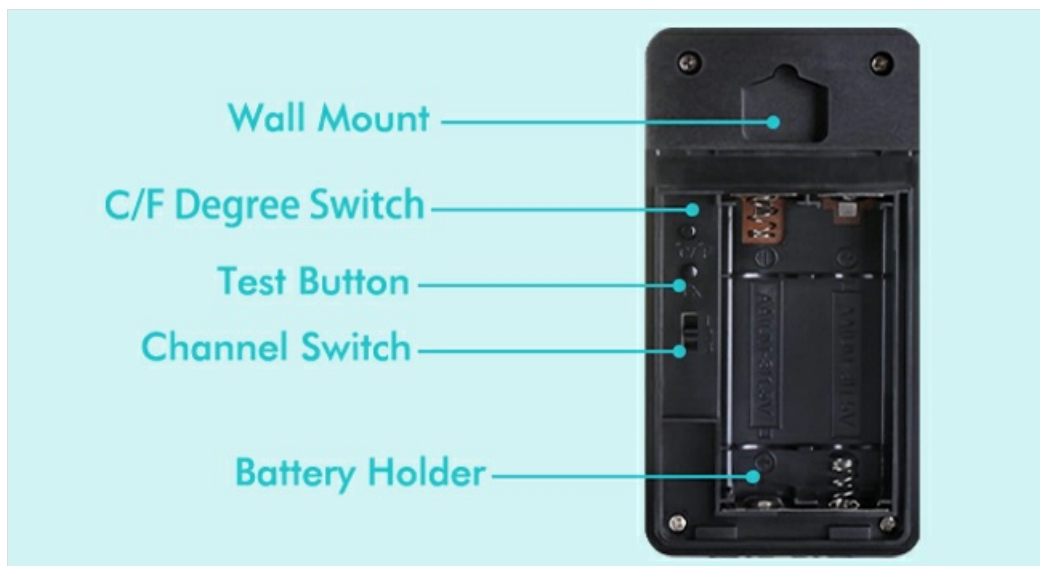
Figure 7: Backlight Feature - Provides temporary illumination for viewing the display in the dark.

MAINTENANCE

1. Battery Replacement

When the low battery indicator appears on the display, replace the batteries in the main unit or the corresponding sensor promptly to ensure continuous operation and accurate readings.

2. Cleaning

Wipe the main unit and sensors with a soft, damp cloth. Do not use abrasive cleaners or immerse the devices in water.

3. Sensor Placement

For optimal performance, place external sensors in a shaded, dry location away from direct sunlight and rain. Ensure they are within the 60-meter (200-foot) wireless range of the main unit, minimizing obstacles like thick walls.
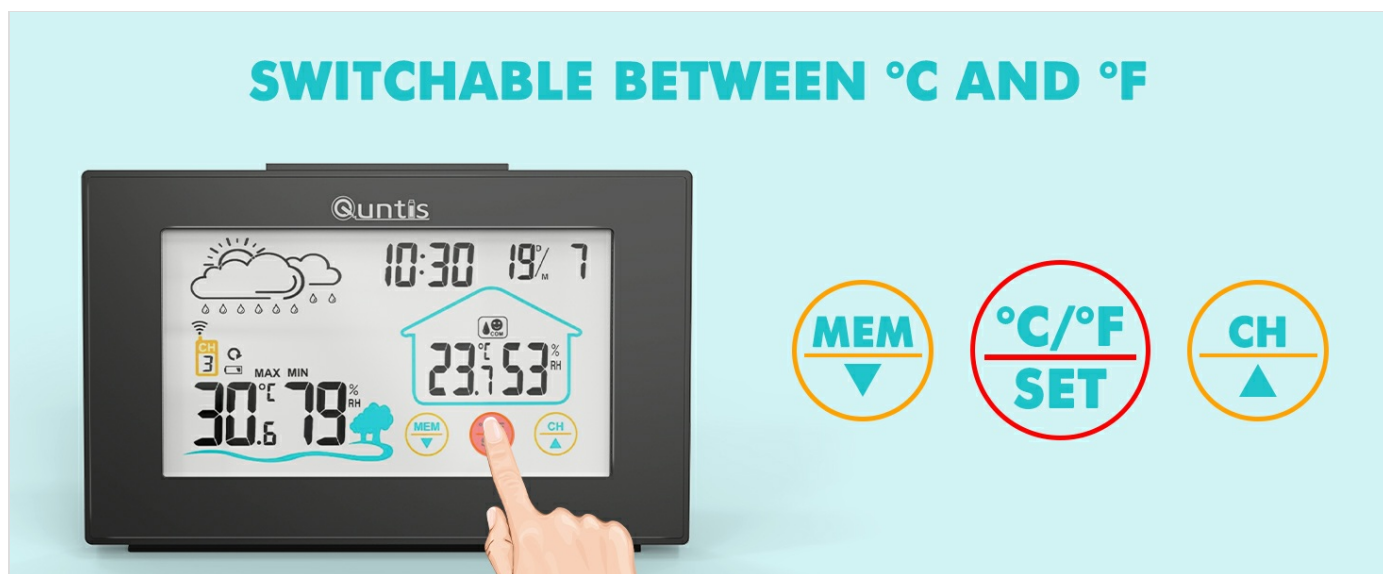

Figure 8: Recommended Sensor Placement - Examples of suitable locations for external sensors.

TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No display on main unit.	Batteries are dead or incorrectly installed.	Check battery polarity and replace with fresh AA batteries.
Outdoor readings are not displayed or inaccurate.	Sensor out of range, low sensor battery, or interference.	Move sensor closer to the main unit, replace sensor batteries, or re-pair the sensor (hold CH button on main unit). Ensure sensor is not in direct sunlight or rain.
Time/Date is incorrect.	Time not set or reset after battery change.	Manually set the time and date as per "Initial Settings" section.
Backlight not working.	Low main unit battery or button malfunction.	Replace main unit batteries. If issue persists, contact support.

SPECIFICATIONS

Model: WDJ-JD5030120

Brand: Quntis

Dimensions (Main Unit): 15 x 9.5 x 1.1 cm (5.9 x 3.74 x 0.43 inches)

Weight: 380 grams

Power Source: Battery powered (2 x AA for main unit, 2 x AA for each sensor)

Display Type: Touch Screen

Connectivity: Wireless (up to 3 external sensors)

Wireless Range: Up to 60 meters (200 feet) in open areas

Special Features: Indoor/Outdoor Temperature & Humidity, Weather Forecast, Alarm Clock, Snooze Function, Max/Min Records, Backlight, Comfort Level Indicator.

Figure 9: Product Dimensions - Measurements for the main unit and external sensor.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official Quntis website. Keep your purchase receipt as proof of purchase.