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Quntis HGY 414

Quntis Wireless Weather Station User Manual

Model: HGY 414 | Brand: Quntis

1. Introduction

Thank you for purchasing the Quntis Wireless Weather Station. This device is designed to provide accurate indoor and outdoor temperature and humidity readings, along with a weather forecast function, alarm clock, and time display. Please read this manual carefully before use to ensure proper operation and to maximize the product's lifespan.

Image 1.1: The Quntis Wireless Weather Station main unit and its remote sensor.

2. Safety Information

- Do not expose the main unit or sensor to extreme temperatures, direct sunlight, or moisture.
- Avoid dropping the device or subjecting it to strong impacts.
- Do not mix old and new batteries, or different types of batteries.
- Dispose of used batteries responsibly according to local regulations.
- Keep out of reach of children.

3. Product Overview

3.1 Main Unit Components



Image 3.1: Labeled diagram of the main weather station unit.

- **Weather Icon:** Displays current weather forecast (Sunny, Cloudy, Rainy, Sunset).
- **Time & Date:** Shows current time and date.
- **Backlight Button:** Activates the display backlight for 8 seconds.
- **Channel Display:** Indicates the active outdoor sensor channel (CH1, CH2, CH3).
- **Low Battery Reminder:** Icon appears when batteries are low.
- **Indoor Temperature & Humidity:** Displays current indoor readings.
- **Outdoor Temperature & Humidity:** Displays current outdoor readings from the selected channel.
- **Comfort Level Icon:** Indicates indoor comfort level (WET, COM, DRY).
- **MEM Button:** Accesses maximum and minimum temperature/humidity records.
- **°C/°F SET Button:** Switches between Celsius and Fahrenheit, and enters setup mode.
- **CH Button:** Switches between outdoor sensor channels.

3.2 Remote Sensor Components



Image 3.2: Labeled diagram of the remote sensor's rear panel.

- **Wall Mount:** Slot for hanging the sensor.
- **C/F Degree Switch:** Toggles temperature unit for the sensor's small display.
- **Test Button:** Used for pairing.
- **Channel Switch:** Selects the channel (1, 2, or 3) for the sensor.
- **Battery Holder:** Compartment for batteries.

4. Setup

4.1 Battery Installation

The main unit and each remote sensor require 2 x AA batteries (not included).

1. Open the battery compartment cover on the back of the main unit.
2. Insert 2 AA batteries, observing the correct polarity (+ and -).
3. Close the battery compartment cover.
4. Repeat steps 1-3 for each remote sensor. Ensure the channel switch inside the sensor's battery compartment is set to a unique channel (1, 2, or 3) if using multiple sensors.



Image 4.1: Battery installation for the main unit and remote sensor.

4.2 Sensor Pairing

The main unit will automatically attempt to connect with the sensor(s) upon battery installation. If connection is not established or you are adding new sensors:

1. Ensure both the main unit and sensor(s) have fresh batteries.
2. Place the sensor(s) within 60 meters (200 feet) of the main unit, away from large metal objects or strong

electromagnetic interference.

3. On the main unit, press and hold the 'CH' button for 3 seconds to initiate a search for sensors. The channel icon will flash.
4. On the sensor, ensure the channel switch is set to the desired channel (1, 2, or 3). Press the 'Test' button inside the battery compartment to send a signal.
5. The main unit should display the outdoor temperature and humidity for the paired channel.

4.3 Sensor Placement

For accurate outdoor readings, place the remote sensor in a shaded area, protected from direct sunlight and rain. Ensure it is within the 60m (200ft) wireless range of the main unit.



Image 4.2: Recommended sensor placement for optimal performance.

5. Operation

5.1 Setting Time and Date

1. Press and hold the '°C/°F SET' button for 3 seconds to enter time setting mode. The hour digit will flash.
2. Use the 'MEM' (down) or 'CH' (up) buttons to adjust the hour.
3. Press '°C/°F SET' again to confirm the hour and move to minutes.
4. Repeat the process to set minutes, year, month, and day.
5. Press '°C/°F SET' one last time to exit setting mode.

5.2 Setting the Alarm

1. In normal display mode, press the '°C/°F SET' button once to view the alarm time.
2. While the alarm time is displayed, press and hold '°C/°F SET' for 3 seconds to enter alarm setting mode. The alarm hour will flash.
3. Use the 'MEM' or 'CH' buttons to adjust the alarm hour.
4. Press '°C/°F SET' to confirm and move to alarm minutes.
5. Adjust minutes and press '°C/°F SET' to exit.
6. To activate/deactivate the alarm, press the 'MEM' button while the alarm time is displayed. An alarm icon will appear/disappear.

5.3 Snooze Function and Backlight

- When the alarm sounds, press the 'Snooze/Light' button on top of the unit to activate the snooze function. The alarm will sound again after 5 minutes.
- To turn off the alarm completely, press any other button on the back of the unit.
- Press the 'Snooze/Light' button at any time to activate the backlight for 8 seconds, improving visibility in low light conditions.

5.4 Switching Temperature Units (°C/°F)

To switch between Celsius (°C) and Fahrenheit (°F) display for the main unit:



Image 5.1: Press the °C/°F SET button to toggle temperature units.

- In normal display mode, briefly press the '°C/°F SET' button. The temperature unit will change for both indoor and outdoor readings.

For the remote sensor's small display, use the C/F switch inside its battery compartment.

5.5 Switching Outdoor Channels

If you are using multiple outdoor sensors, you can switch between their readings:



Image 5.2: Press the CH button to cycle through outdoor sensor channels.

- Briefly press the 'CH' button to cycle through channels 1, 2, and 3. The display will show the readings for the selected channel.
- To view all channels in rotation, press the 'CH' button until the channel display shows a cycling icon.

5.6 Viewing MAX/MIN Records

The weather station records the maximum and minimum temperature and humidity readings:



Image 5.3: Press the MEM button to view maximum and minimum records.

- Briefly press the 'MEM' button to display the maximum recorded indoor/outdoor temperature and humidity.
- Press 'MEM' again to display the minimum recorded indoor/outdoor temperature and humidity.
- Press 'MEM' a third time to return to current readings.
- To clear the records, press and hold the 'MEM' button for 3 seconds while MAX or MIN values are displayed.

6. Maintenance

- Clean the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- If the low battery indicator appears, replace the batteries promptly to ensure continuous operation and prevent data loss.
- If the device will not be used for an extended period, remove the batteries to prevent leakage.

7. Troubleshooting

Problem	Possible Cause	Solution
No display on main unit.	Batteries are dead or incorrectly inserted.	Replace batteries, ensuring correct polarity.

Problem	Possible Cause	Solution
Outdoor reading is blank or '---'.	Sensor not paired or out of range. Interference.	Re-pair sensor (Section 4.2). Move sensor closer to main unit. Relocate away from electronic devices.
Inaccurate temperature/humidity.	Sensor exposed to direct sunlight or moisture.	Relocate sensor to a shaded, dry area.
Alarm does not sound.	Alarm is not activated.	Ensure alarm icon is displayed (Section 5.2).

8. Specifications

- **Model:** HGY 414
- **Brand:** Quntis
- **Power Source:** Battery (Main Unit: 2 x AA, Sensor: 2 x AA)
- **Connectivity:** Wireless
- **Main Unit Dimensions:** 15 x 4.25 x 9.5 cm (approx. 5.9 x 1.7 x 3.7 inches)
- **Main Unit Weight:** 270 g (approx. 9.5 oz)
- **Material:** Plastic
- **Color:** Black
- **Special Functions:** Hygrometer, Thermometer, Alarm Clock, Multi-sensor Support, Weather Forecast
- **Outdoor Sensor Range:** Up to 60 meters (200 feet) in open air
- **Origin:** China

9. Warranty and Support

Quntis products are designed for reliability and performance. This product comes with a standard manufacturer's warranty. For detailed warranty information, technical support, or customer service inquiries, please refer to the contact information provided with your purchase or visit the official Quntis website. Please retain your proof of purchase for warranty claims.

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