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Geevon 238270-TX16-2

Geevon Wireless Weather Station User Manual

Model: 238270-TX16-2

PRODUCT OVERVIEW

The Geevon Wireless Weather Station (Model 238270-TX16-2) is a comprehensive device designed to provide essential weather information for your home. It features a vibrant color display and monitors indoor and outdoor temperature and humidity, offers a 12-hour weather forecast, displays barometric pressure, and includes sunrise/sunset times, tide levels, heat index, and dew point. It also functions as an alarm clock with a snooze feature.



Image: The main display unit of the Geevon Weather Station alongside its wireless outdoor sensor.

WHAT'S INCLUDED

- Weather Station Main Unit
- Remote Outdoor Sensor (1 included, supports up to 3)
- Power Adapter
- User Manual (PDF version available online)

Power Mode



Image: The weather station main unit, wireless outdoor sensor, and AC power adapter.

SETUP GUIDE

Powering the Device

The Geevon Weather Station offers two power supply options:

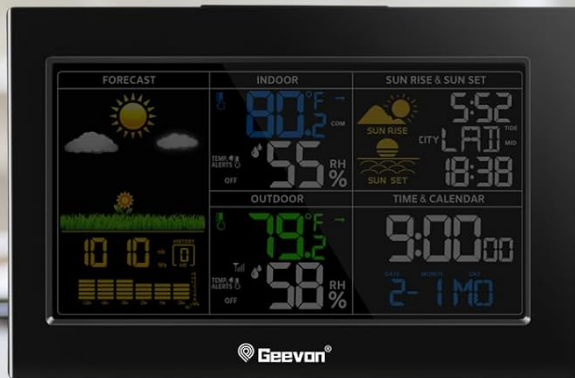
1. **AC Adapter Mode:** Connect the included AC adapter to the main unit. In this mode, the screen backlight will remain on, and you can adjust its brightness to 3 levels.
2. **Battery-Powered Mode:** Insert 3 AAA batteries (not included) into the main unit. The screen will light up for 10 seconds when the SNOOZE/LIGHT button is pressed, then automatically turn off to conserve power.

The wireless outdoor sensor requires 2 AAA batteries (not included).

2 Power Supply Modes



Backlight turns off after 10s to save power with battery power



Backlight always on with power cord



Image: Illustration of the two power supply modes: battery-powered (backlight off after 10s) and AC adapter (backlight always on).

Initial Setup and Sensor Pairing

For optimal performance, follow these steps for initial setup and pairing:

1. Insert 2 AAA batteries into the wireless outdoor sensor first.
2. Then, power on the main weather station unit using either the AC adapter or 3 AAA batteries.
3. The main unit will automatically search for and pair with the outdoor sensor. This process typically takes about a minute.
4. Ensure there is no significant electromagnetic interference in the signal transmission path between the main unit and the sensor. The transmission range is up to 200 feet (60 meters) in an open area.

200Ft / 60m Wireless Transmission Range in Open Air



Image: Depiction of the 200ft/60m wireless transmission range between the outdoor sensor and the main weather station. The weather station supports up to 3 remote sensors for monitoring different locations. If using multiple sensors, ensure each sensor is set to a different channel (1, 2, or 3) before powering on the main unit.

OPERATING INSTRUCTIONS

Display Overview

The 7.5-inch LCD color display provides a wealth of information at a glance:

- **Indoor Temperature & Humidity:** Current readings with max/min records and trend arrows.
- **Outdoor Temperature & Humidity:** Current readings from the remote sensor with max/min records and trend arrows.
- **Weather Forecast:** Icons predicting the next 12 hours (Sunny, Partly Sunny, Cloudy, Rainy, Snowy).
- **Barometric Pressure:** Current pressure and a histogram showing changes over the past 12 hours.
- **Time & Calendar:** Current time, date, and day of the week.

- **Sunrise & Sunset Time:** Local sunrise and sunset times (requires manual city setting).
- **Tide Level:** Indicates current tide status (High, Mid, Low).
- **Heat Index & Dew Point:** Calculated values for outdoor conditions.
- **Comfort Level Guide:** Indicates indoor humidity comfort (HUMID, GOOD, DRY).
- **Temperature Alert:** Customizable alerts for temperature thresholds.

Multi-functional Wireless Weather Station



Temperature
&
Humidity



Weather
Forecast



Barometric
Pressure with
Trends



Sun Rise
&
Sun Set



Tides
Indicator



Heat Index
/
Dew Point



Digital Calendar
&
Alarm Clock



Temperature
&
Humidity Alert

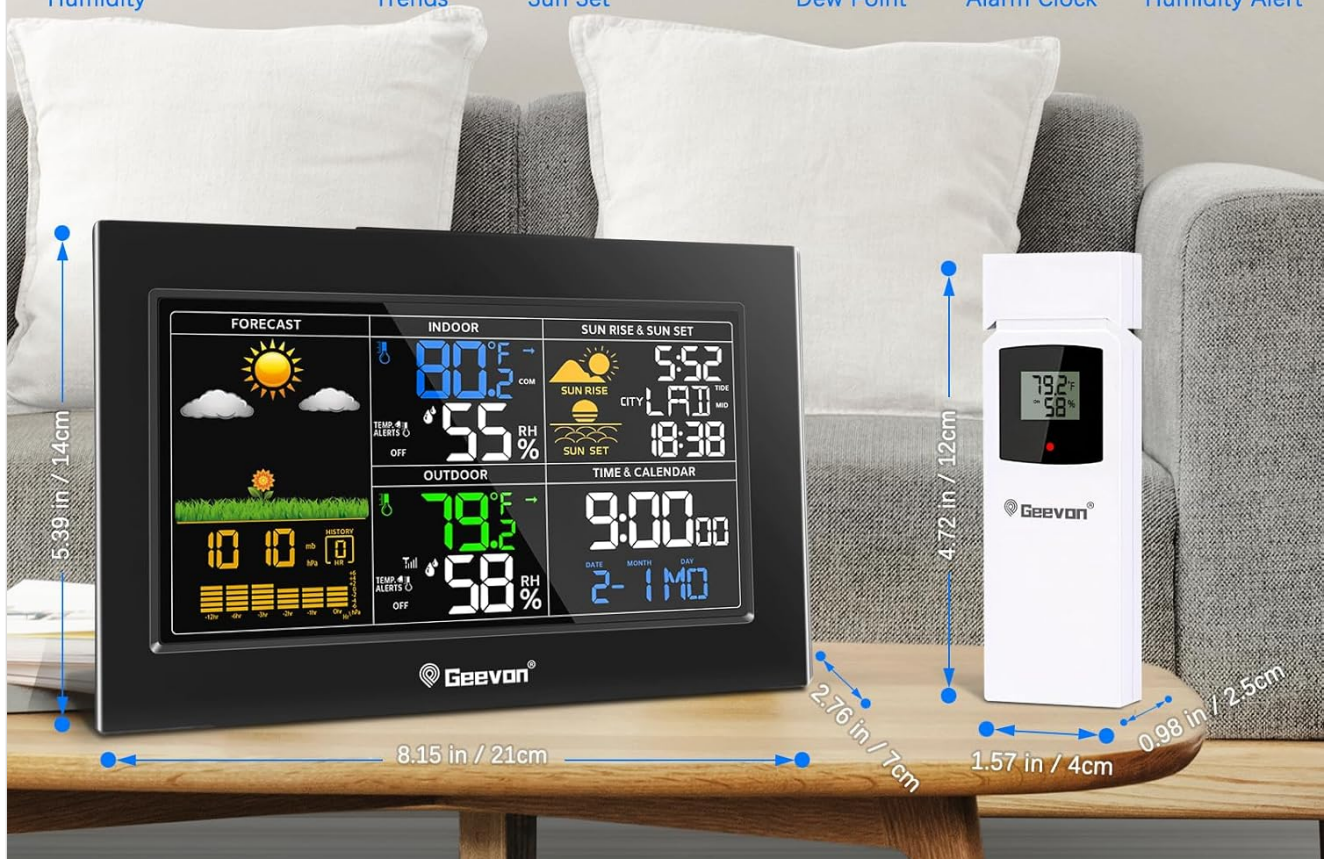


Image: A detailed view of the multi-functional display, highlighting temperature, humidity, forecast, barometric pressure, and time.

Button Functions

The buttons on the top and back of the unit allow for various settings and adjustments:

- **SET:** Enters setup mode for time, date, and other parameters.
- **UP/DOWN:** Adjusts values during setup or cycles through display options.
- **ALARM:** Sets and activates the alarm clock.
- **ALERT:** Configures temperature alerts.
- **SNOOZE/LIGHT:** Snoozes the alarm or activates/adjusts backlight.
- **CH (Channel):** Switches between multiple outdoor sensors.

- **MODE:** Cycles through different display modes or confirms settings.
- **HEAT/DEW:** Displays Heat Index or Dew Point.



Image: The rear of the weather station, indicating the functions of each button for data/time setting, alarm, alerts, and heat index/dew point.

Setting Time and Date

Press the **SET** button to enter the time and date setting mode. Use the **UP** and **DOWN** buttons to adjust values and **SET** again to confirm and move to the next setting.

Weather Forecast

The weather station predicts the next 12 hours based on temperature, humidity, and barometric pressure data. The forecast icons are for general guidance.

Next 12 Hours Weather Forecast

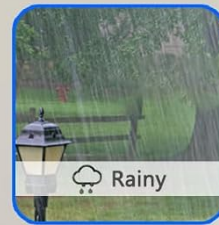
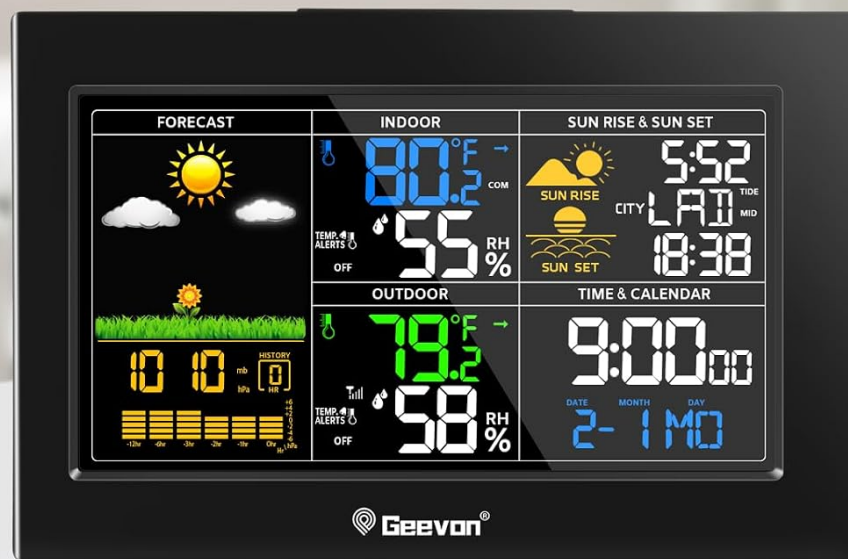
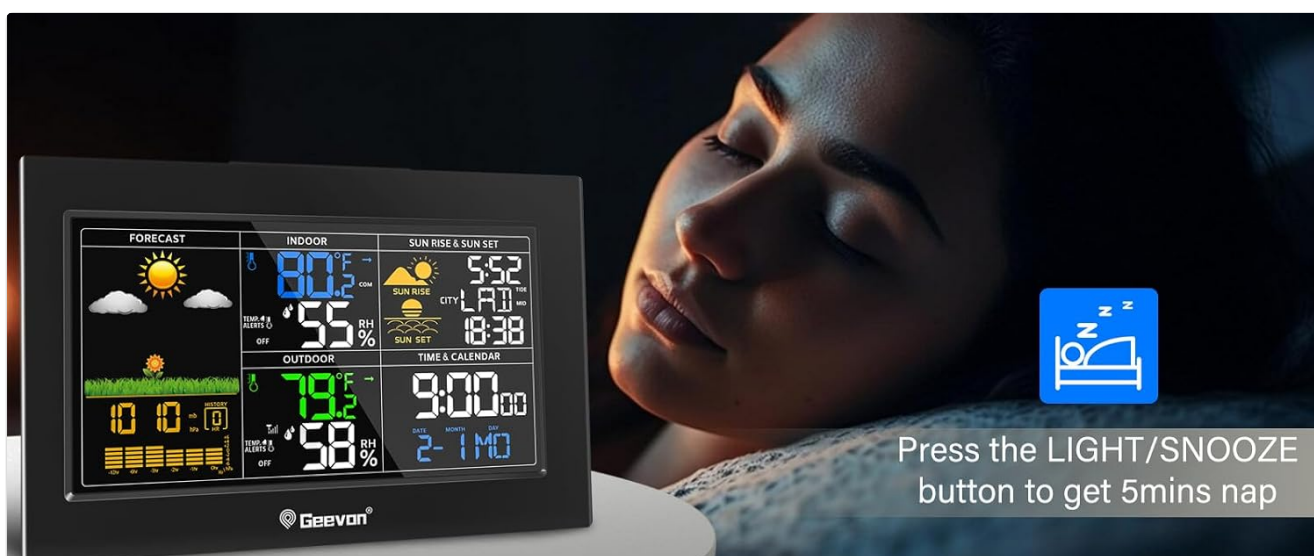


Image: Icons representing the 12-hour weather forecast, including sunny, partly sunny, cloudy, rainy, and snowy conditions.

Alarm Clock Function

The unit includes an alarm clock with a 5-minute snooze function. Press the **ALARM** button to set the alarm time. To snooze, press the **SNOOZE/LIGHT** button. To turn off the alarm, press any other button.



Alarm Clock with 5-Minute Snooze



Image: The weather station display showing the alarm clock function and how to activate snooze or turn off the alarm.

PLACEMENT AND MAINTENANCE

Optimal Placement

For accurate readings and reliable wireless transmission:

- Place the main unit indoors in a central location, away from direct sunlight or heat sources.
- Position the outdoor sensor in a shaded area, protected from direct sunlight and rain, to ensure accurate temperature and humidity readings.
- Avoid placing the sensor near large metal objects or sources of electromagnetic interference.

Desk Clock Weather Station

Study Room



Living Room



Bedroom



Kitchen



Image: Examples of the weather station placed in different indoor environments such as a study room, living room, bedroom, and kitchen.

Cleaning and Care

- Wipe the unit and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure battery compartments are dry and free of corrosion. Replace batteries when the low battery indicator appears.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No outdoor temperature/humidity reading.	Sensor not paired or out of range; low sensor battery.	Ensure sensor batteries are fresh. Re-pair by removing all batteries from both units, then insert sensor batteries first, followed by main unit batteries. Move sensor closer to the main unit.
Inaccurate readings.	Sensor exposed to direct sunlight/rain; interference.	Relocate outdoor sensor to a shaded, protected area. Ensure no strong electromagnetic interference. Allow time for readings to stabilize after relocation.
Display is dim or turns off quickly.	Unit is battery-powered; backlight setting.	Use the AC adapter for continuous backlight. If battery-powered, backlight is designed to turn off after 10 seconds to save power. Press SNOOZE/LIGHT to activate. Adjust brightness if using AC adapter.
Time/Date incorrect.	Not set correctly.	Follow "Setting Time and Date" instructions using the SET, UP, and DOWN buttons.

SPECIFICATIONS

- **Model Number:** 238270
- **Dimensions:** 2.75 x 8.25 x 5.5 inches
- **Weight:** 1 Pound
- **Power Source:** Corded Electric (AC Adapter) / 3 x AAA Batteries (Main Unit), 2 x AAA Batteries (Outdoor Sensor)
- **Material:** Acrylonitrile Butadiene Styrene (ABS), Metal, Plastic
- **Connectivity:** Radio Frequency (RF)
- **Outdoor Transmission Range:** Up to 200 ft (60 m) in open area
- **Indoor Temperature Range:** 14°F to 122°F (-10°C to 50°C)
- **Outdoor Temperature Range:** -40°F to 158°F (-40°C to 70°C)
- **Temperature Accuracy:** +/- 2°F
- **Special Features:** Adjustable Brightness, Alarm, Clock, Customizable Alert, Large Display

WARRANTY AND SUPPORT

Geevon offers a 12-month warranty for this product. For technical assistance or any issues, please contact Geevon customer support. They aim to respond within 24 hours.

For further details, refer to the official [User Manual \(PDF\)](#).

