

Overview

The Geevon 24268 is a wireless indoor/outdoor weather station with an atomic clock. It features a 7.8-inch color VA display that shows time, date, indoor/outdoor temperature and humidity, barometric pressure, weather forecast, and comfort level. The unit can connect to up to three remote sensors (one included) and includes an alarm clock with snooze and a USB charging port.



Package Contents

- 1 x Digital Weather Station (Main Unit)
- 1 x TX19 Remote Sensor
- 1 x AC Power Adapter
- User Instructions

Features & Specifications

Display & Information

- **Display:** 7.8-inch Color VA Display
- **Information Shown:** Time, Date, Day of Week, Indoor/Outdoor Temperature & Humidity, Max/Min Records, Trend Arrows, Air Comfort Level Indicator, 12-Hour Weather Forecast, Barometric Pressure, Moon Phase.
- **Customizable Alert:** User-set temperature alerts.

Connectivity & Sensors

- **Wireless Technology:** Radio Frequency
- **Transmission Range:** Up to 200 ft (60 m) in open areas.
- **Sensor Channels:** Supports up to 3 remote sensors (1 x TX19 sensor included).
- **Sensor Protection:** IP44 waterproof rating. (Note: Should be placed away from direct sunlight and rain for accuracy).



Atomic Clock

- **Time Source:** Receives WWVB atomic time signal.
- **Time Zones:** AST(-4), EST(-5), CST(-6), MST(-7), PST(-8), AKST(-9), HST(-10).
- **Daylight Saving Time (DST):** Automatic adjustment available.
- **Sync Note:** Backlight turns off temporarily during signal reception. Leave unit plugged in overnight for automatic sync.

Power & Backlight

- **Power Sources:** AC Power Adapter **and/or** 3 x AAA batteries (not included).
- **Adjustable Backlight:** 5 brightness levels (requires AC power).
- **Backlight Timer:** Turns off after 15 seconds when operating on battery power only.
- **Low Battery Indicator:** Alerts when batteries need replacement.



Additional Functions

- **Alarm Clock:** With snooze function (5-minute extra sleep).
- **USB Charging Port:** For charging phones, tablets, or other USB devices.
- **Placement:** Built-in stand for desk use and hanging hole for wall mounting.



Use Guide

Initial Setup

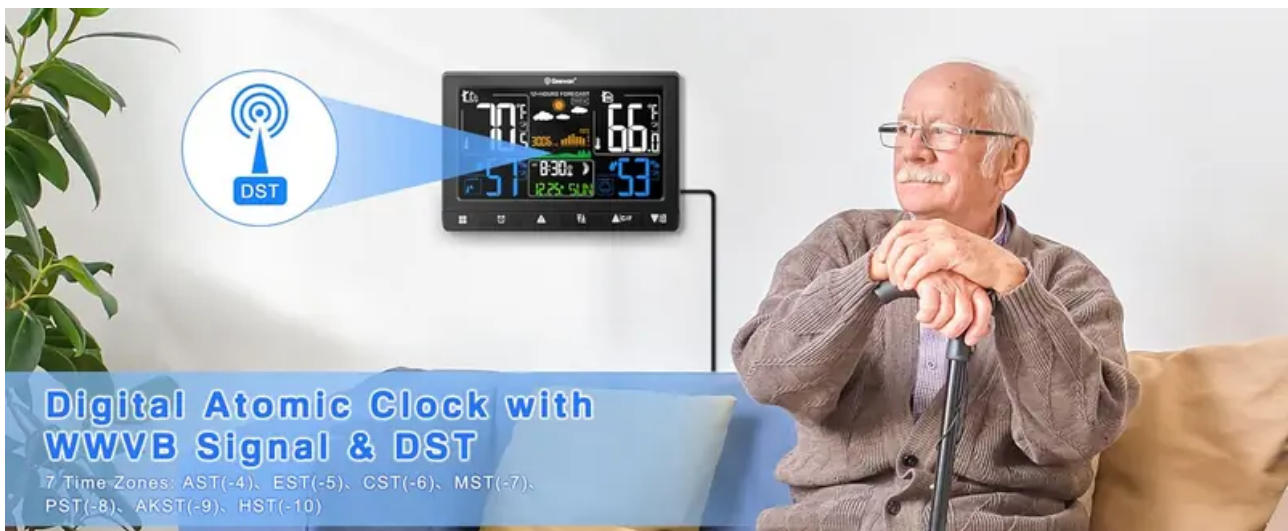
1. **Power the Main Unit:** Insert 3 AAA batteries and/or connect the AC power adapter. For full backlight functionality and atomic clock syncing, use the AC adapter.
2. **Power the Remote Sensor:** Insert the required batteries into the TX19 sensor.

3. **Pair the Sensor:** Place the sensor within 200 feet of the main unit in an open area. The units should automatically synchronize. The outdoor reading will appear on the display.
4. **Set Time Zone:** Using the buttons on the back of the unit, set your correct time zone (AST, EST, CST, MST, PST, AKST, HST).
5. **Enable DST:** Turn on the Daylight Saving Time setting if applicable.
6. **Atomic Sync:** Leave the main unit plugged in overnight. It will automatically search for and sync with the WWVB atomic time signal.

Understanding the Display

The main screen is divided into sections:

- **Top Section:** Shows time, date, day of the week, and alarm status.
- **Center-Left:** Displays indoor temperature and humidity, along with a comfort indicator (e.g., Dry, Comfort, Wet).
- **Center-Right:** Shows outdoor temperature and humidity from the remote sensor (Channel 1). Max/Min values and trend arrows (showing if readings are rising or falling) are shown here.
- **Bottom Section:** Displays barometric pressure with trend, a 12-hour weather forecast (using icons), and the current moon phase.



Remote Sensor Placement

- Place the TX19 sensor in a shaded, well-ventilated area outdoors for accurate temperature readings.
- Keep it away from direct sunlight, rain, and heat sources.
- Ensure it is within 200 ft (60 m) of the main unit, with minimal obstructions like thick walls or metal.
- The sensor is IP44 waterproof but is not designed for direct, prolonged exposure to heavy rain.

Setting the Alarm

1. Press the "ALARM" button on the back of the unit.
2. Use the "+" and "-" buttons to set the alarm hour and minute.
3. Press "ALARM" again to confirm and activate the alarm.
4. When the alarm sounds, press any button for snooze (5 extra minutes) or press and hold the "ALARM" button to turn it off.

Using the USB Port

The USB port on the side of the unit is for charging only. Connect a standard USB cable from the port to your device. This function operates independently of the weather station's display.

Adjusting Backlight Brightness

Note: The 5-level adjustable backlight is only available when the unit is powered by the AC adapter.

1. Ensure the AC power adapter is connected.
2. Press the "LIGHT" or "BACKLIGHT" button on the unit to cycle through the 5 brightness levels.
3. To keep the backlight on continuously, the unit must remain plugged into AC power.

Troubleshooting

• No Outdoor Reading:

- Check that batteries in the remote sensor are fresh and installed correctly.
- Reduce distance between sensor and main unit; remove obstructions.
- Re-insert batteries in the main unit to force a new sensor search.

• Incorrect Time:

- Verify the correct time zone is selected.
- Ensure DST setting is correct for your region.
- Leave the unit plugged in near a window overnight to receive the atomic time signal.

• Backlight Not Working:

- Connect the AC power adapter. The 5-level backlight is not available on battery-only power.
- If on battery power, press the light button; the backlight will only stay on for 15 seconds.

- **Low Battery Indicator:** Replace the AAA batteries in the main unit and/or the remote sensor promptly.

Technical Specifications

- **Model:** 24268 VA Weather Station
- **Display Size:** 7.8 inches
- **Unit Dimensions (L x W x D):** 7.8" x 5.1" x 1"

- **Unit Weight:** 1 lb
- **Temperature Accuracy:** $\pm 1^{\circ}\text{C}$ / $\pm 1.8^{\circ}\text{F}$
- **Power Supply:** AC 100-240V Adapter and/or 3 x AAA Batteries
- **Sensor Battery:** 2 x AA (not included)
- **Materials:** ABS, Glass, Metal, Plastic

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.