

## Overview

The Gaevon Weather Station is a wireless indoor/outdoor monitoring device. It displays time, date, indoor/outdoor temperature and humidity, barometric pressure, weather forecasts, and moon phases. It features an atomic clock for automatic time synchronization and supports connection to up to three remote sensors.



## What's in the Box

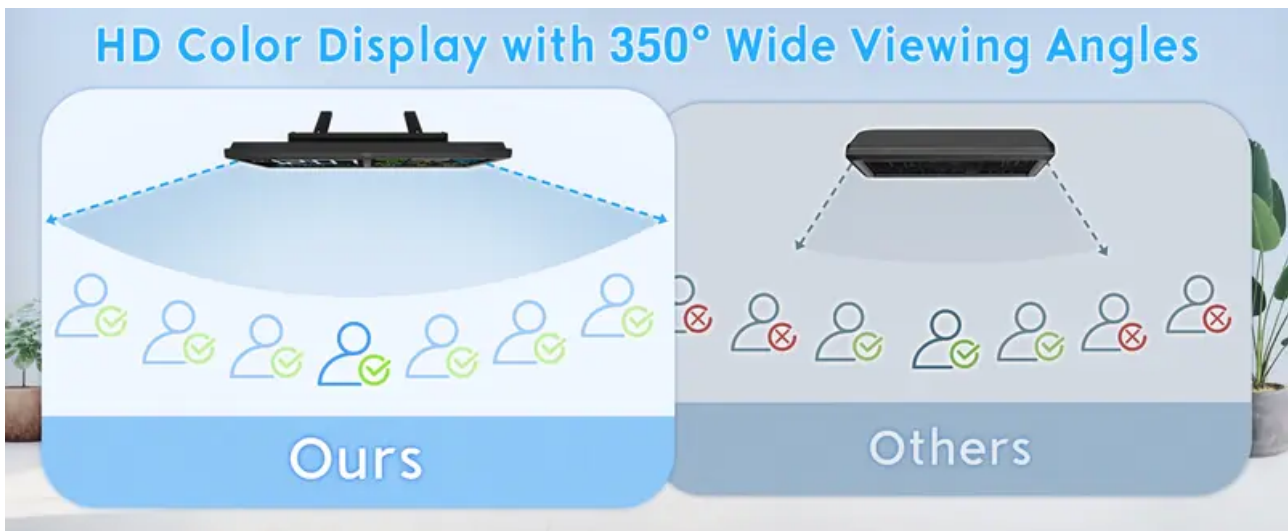
- Main Weather Station Unit
- TX19 Remote Outdoor Sensor
- Power Adapter
- User Manual

**Note:** 3 AAA batteries for the main unit and sensor are not included.

## Features and Specifications

### Display and Information

- **Display:** Dual 5.9-inch color VA (Vertical Alignment) LCD.
- **Displayed Data:** Time, date, day of week, indoor/outdoor temperature and humidity, max/min temperature/humidity records, trend arrows, air comfort level indicator, 12-hour weather forecast, barometric pressure, and moon phases.



### Atomic Clock

- **Function:** Receives WWVB signal for automatic time synchronization.
- **Time Zones:** AST(-4), EST(-5), CST(-6), MST(-7), PST(-8), AKST(-9), HST(-10).
- **Daylight Saving Time (DST):** Automatic adjustment available.
- **Alarm:** Includes alarm clock function with snooze (5-minute intervals).
- **Note:** The backlight turns off temporarily during signal reception.

### Sensor and Connectivity

- **Channels:** Supports up to 3 remote sensors (1 sensor included).
- **Transmission Range:** Up to 200 feet / 60 meters (wireless).
- **Temperature Accuracy:** +/-1°C / +/-1.8°F.



## Power and Backlight

- **Power Modes:** Can be powered by the included AC adapter or by 3 AAA batteries (not included).
- **Backlight:** 3-level adjustable brightness. The backlight stays on only when using the AC adapter. On battery power, it turns off after 15 seconds.
- **Low Battery Indicator:** Alerts you when batteries need replacement.



## Physical Specifications

- **Dimensions (Main Unit):** 11.2" W x 4.2" H x 1" D.
- **Weight:** 1 pound.
- **Materials:** ABS, Glass, Metal, Plastic.
- **Mounting:** Includes built-in stand for tabletop use and hanging holes for wall mounting.



## Use Guide

### Initial Setup

1. **Place the Main Unit:** Choose a location indoors. You can place it on a flat surface using the built-in stand or mount it on a wall using the hanging holes.
2. **Install Power:** Insert 3 AAA batteries into the main unit's battery compartment, or connect the provided AC power adapter. For permanent backlight, use the AC adapter.
3. **Prepare the Remote Sensor:** Insert 2 AA batteries (not included) into the TX19 outdoor sensor.
4. **Position the Sensor:** Place the sensor outdoors within 200 ft/60 m of the main unit, in a shaded, well-ventilated area protected from direct rain.

### Setting the Time and Date

1. Ensure the unit is powered and placed in its final location.

2. Set your correct time zone using the buttons on the back of the unit (refer to button labels in the manual).
3. Enable the Daylight Saving Time (DST) function if applicable.
4. Leave the unit plugged in overnight. It will automatically search for and sync with the WWVB atomic time signal.

## Pairing the Remote Sensor

The included TX19 sensor should automatically pair with the main unit when powered on. If you add additional sensors (sold separately), follow the pairing instructions in the manual, typically involving pressing a button on the main unit and then on the new sensor.

## Using the Alarm

1. Press the ALARM button to enter alarm setting mode.
2. Use the UP/DOWN buttons to set the alarm time.
3. Press the ALARM button again to confirm and activate the alarm.
4. When the alarm sounds, press the SNOOZE button for 5 more minutes of sleep.

## Understanding the Display

- **Trend Arrows:** Next to temperature/humidity readings, indicate if values are rising (↑), falling (↓), or steady (→).
- **Comfort Indicator:** Uses icons (e.g., a smiley face) to show if the indoor humidity level is comfortable, dry, or wet.
- **Weather Forecast Icons:** Icons (sun, clouds, rain) show the predicted weather for the next 12-24 hours based on barometric pressure trends. Accuracy varies by region.
- **Moon Phase:** A small icon displays the current moon phase.



## Comfort Level Indicator

Keep You Stay in a Comfortable Environment



## Auto Set Clock with WWVB Signal & DST

7 Time Zones: AST(-4), EST(-5), CST(-6), MST(-7), PST(-8), AKST(-9), HST(-10)



## Indoor & Outdoor Temperature Alert

### Adjusting Backlight Brightness

Press the LIGHT/BRIGHTNESS button on the top or back of the unit to cycle through the three brightness levels. This function requires the AC power adapter to be connected.

## Troubleshooting

- **No Sensor Data:** Check that batteries in the sensor are fresh and correctly installed. Ensure the sensor is within 200 ft range without major obstructions. Re-pair the sensor if necessary.
- **Incorrect Time:** Verify the correct time zone is set and DST is configured. Ensure the unit is placed in a location with a clear path for the atomic signal (away from large metal objects or electronics) and leave it powered overnight to sync.
- **Dim or No Display:** Ensure batteries are installed correctly or the AC adapter is securely connected. Press the LIGHT button to adjust brightness.
- **Low Battery Indicator:** Replace the batteries in the main unit or the remote sensor promptly.
- **Weather Forecast Inaccurate:** The forecast is an estimation based on barometric pressure trends and may not be precise for all locations.

## Care and Maintenance

- Clean the display and casing with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- Place the outdoor sensor in a location protected from direct, heavy rainfall for longevity.
- Replace all batteries at the same time with high-quality alkaline batteries for best performance.

### 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.