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› **Gevanti FT0350 Wireless Weather Station User Manual**

Gevanti FT0350

Gevanti FT0350 Wireless Weather Station User Manual

Model: FT0350

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Gevanti FT0350 Wireless Weather Station. This device offers comprehensive weather monitoring for both indoor and outdoor conditions, providing accurate data to keep you informed.

2. PRODUCT OVERVIEW

The Gevanti FT0350 Weather Station consists of an outdoor 9-in-1 sensor and an indoor LCD display console. It measures various environmental parameters to provide a local weather overview.

2.1 Key Features

- **9-in-1 Outdoor Sensor:** Integrates a rain funnel, solar panel, wind vane, and wind speed anemometer.
- **Large LCD Display:** A 7.38-inch color LCD screen for clear readability.
- **Comprehensive Data:** Displays indoor/outdoor temperature, humidity, wind speed, wind direction, moon phase, weather forecast, air pressure, dew point, and rainfall.
- **Wireless Connectivity:** Outdoor sensor transmits data wirelessly up to 328 feet (100 meters) to the indoor console.
- **Customizable Alerts:** Set alarms for specific weather conditions.



Figure 1: Gevanti FT0350 Wireless Weather Station components.

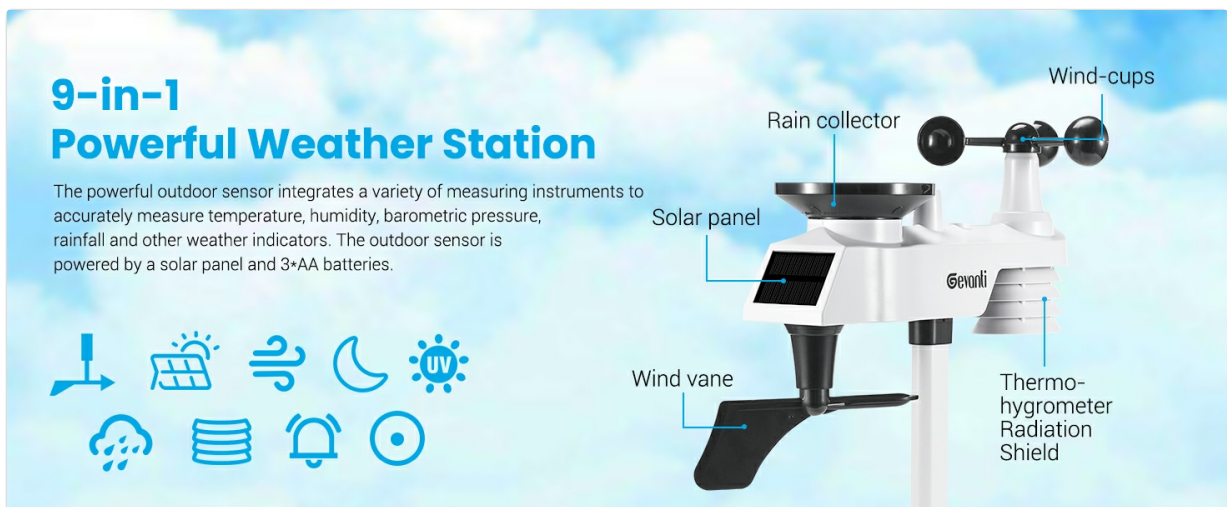


Figure 2: Detailed view of the 9-in-1 outdoor sensor components including solar panel, rain collector, wind cups, wind vane, and thermo-hygrometer radiation shield.

3. SETUP

3.1 Unpacking

Carefully remove all components from the packaging. Verify that all items listed in the 'What's in the Box' section are present and undamaged.

3.2 Battery Installation

The outdoor sensor requires 3 AA batteries (not included). The indoor display console requires 3 AAA batteries (not included) for backup power, or can be powered by the included 5V DC adapter.

- **Outdoor Sensor:** Open the battery compartment, insert 3 AA batteries, ensuring correct polarity. Close the compartment securely. The solar panel will help extend battery life.
- **Display Console:** Insert 3 AAA batteries into the battery compartment for backup. For continuous backlight operation, connect the included 5V DC power adapter.

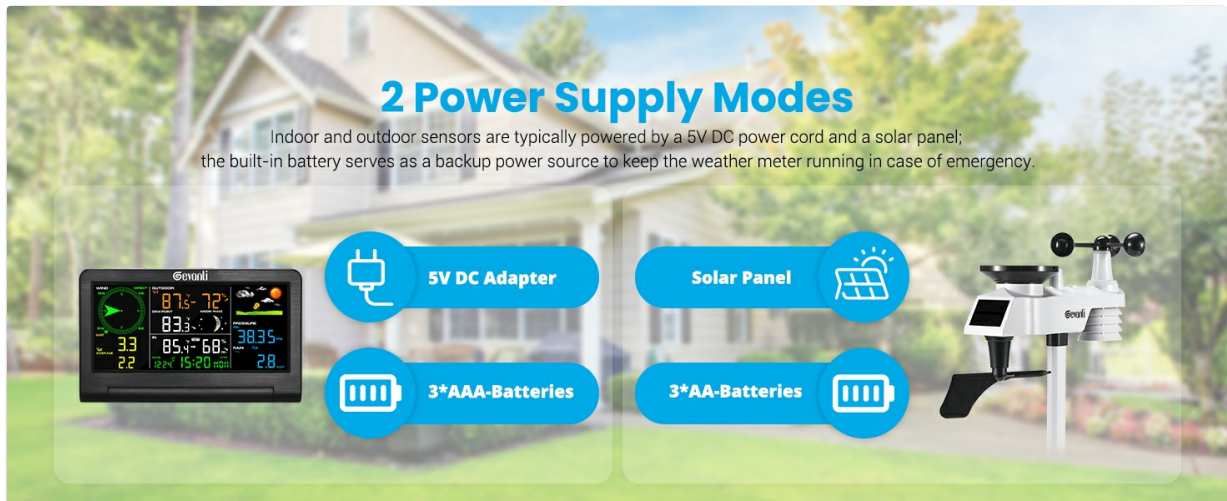


Figure 3: Power supply options for the display console and outdoor sensor.

3.3 Outdoor Sensor Installation

Select a location for the outdoor sensor that provides accurate readings and is within 328 feet (100 meters) of the indoor console. Ensure the solar panel faces south for optimal sunlight exposure. Use the included mounting pole and hardware to secure the sensor.

- Assemble the mounting pole and bracket.
- Attach the outdoor sensor to the mounting pole.
- Secure the assembly to a stable surface (e.g., roof, fence, garden pole) using the provided screws and anchors.

EASE OF INSTALLATION!

Suitable for a variety of outdoor environments



Figure 4: Examples of outdoor sensor mounting locations.



Figure 5: Detailed mounting options for the outdoor sensor.

3.4 Display Console Setup

Place the indoor display console in a convenient location. It can be placed on a tabletop using its integrated stand or wall-mounted. Ensure it is within wireless range of the outdoor sensor.



Figure 6: Indoor display console placement options.

4. OPERATING INSTRUCTIONS

Once powered on and connected, the display console will begin showing real-time weather data. The 7.38-inch LCD provides a clear and organized view of all information.

4.1 Display Functions

The display shows various data points:

- **Outdoor Conditions:** Temperature, humidity, wind speed, wind direction, dew point.
- **Indoor Conditions:** Temperature, humidity.
- **Weather Forecast:** Graphical representation of upcoming weather (up to 12 hours).
- **Rainfall:** Daily, hourly, and total rainfall measurements.
- **Air Pressure:** Barometric pressure readings.
- **Moon Phase:** Current moon phase.
- **Time & Date:** Current time and date.

LARGE SCREEN



Figure 7: The large LCD display provides a clear overview of all weather data.

4.2 Customization and Alerts

The display console allows for customization of units (e.g., °F/°C, mph/kmh) and setting various alerts.

- **Calibration:** Options are available to calibrate temperature and humidity readings for enhanced accuracy.
- **Alarms:** Set high/low temperature and humidity alerts to be notified of significant changes.



Figure 8: Built-in warning function for customizable alerts.

4.3 Data Accuracy

The Gevanti weather station is designed to provide accurate local weather data. For best results, ensure the outdoor sensor is installed in an open Park area, away from obstructions that could affect wind or rain measurements.



Figure 9: The weather station provides data comparable to official weather services.

5. MAINTENANCE

- **Battery Replacement:** Replace batteries in both the outdoor sensor and indoor console as needed. The outdoor sensor's batteries are primarily used at night or during periods of low sunlight.
- **Sensor Cleaning:** Periodically check the outdoor sensor for debris (leaves, dirt) that may obstruct the rain funnel or wind components. Clean gently with a soft cloth.
- **Display Care:** Clean the LCD screen with a soft, dry cloth. Avoid abrasive cleaners.

6. TROUBLESHOOTING

- **No Data on Display:** Ensure both the outdoor sensor and display console have fresh batteries or are properly powered. Check that the units are within wireless range and free from major obstructions.
- **Inaccurate Readings:** Verify the outdoor sensor's placement is optimal (e.g., solar panel facing south, clear of obstructions). Consider using the calibration options if available.
- **Loss of Signal:** Relocate the outdoor sensor or display console to improve signal strength. Avoid placing units near large metal objects or electronics that may cause interference.

7. SPECIFICATIONS

- **Model Number:** FT0350
- **Display Console Dimensions (LxWxH):** 7.56 x 4.76 x 0.79 inches
- **LCD Dimensions (LxW):** 6.7 x 3.1 inches
- **Outdoor Sensor Dimensions:** Approximately 13 x 19.99 x 4 inches (including pole)
- **Wireless Range:** Up to 328 feet (100 meters)
- **Power Source (Display):** 5V DC Adapter (included) or 3 AAA batteries (not included)
- **Power Source (Sensor):** Solar panel with 3 AA batteries (not included) backup
- **Material:** Acrylonitrile Butadiene Styrene (ABS)



Figure 10: Product dimensions and included items.

8. WHAT'S IN THE BOX

- Display Console
- Outdoor Sensor
- Power Adapter

- User Manual
- Mounting Pole and Hardware

9. OFFICIAL PRODUCT VIDEO

Video 1: An overview of the Gevanti Wireless Weather Station with 9-in-1 Sensor, demonstrating its features and components.

10. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official Gevanti website or the contact details provided in the included user manual. Keep your purchase receipt for warranty claims.