

Fj3362g

Generic Multifunction Weather Station (Model Fj3362g) User Manual

Comprehensive instructions for setup, operation, and maintenance.

1. PRODUCT OVERVIEW

The Generic Multifunction Weather Station Model Fj3362g is a comprehensive device designed to provide accurate environmental data and timekeeping functions. It features a large touch screen display with backlight for clear visibility of various parameters including time, date, calendar, indoor/outdoor temperature and humidity, atmospheric pressure, moon phases, tides, and city sunrise/sunset times.

This weather station includes a wireless outdoor sensor for remote temperature and humidity monitoring, supporting up to three sensors (one included). It also offers weather forecasting, dual alarms with snooze, and perpetual calendar functionality.



Figure 1.1: The main unit of the weather station and its accompanying wireless outdoor sensor.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all components are present:

- 1 x Generic Multifunction Weather Station (Main Unit)
- 1 x Wireless Outdoor Sensor
- 1 x User Manual (This Document)
- 1 x DC5V/1.2A Power Adapter (for Weather Station)
- *Note: 2 x LR6 AA batteries for the weather station and 2 x LR6 AA batteries for the outdoor sensor are required and not included.*

3. SETUP

3.1 Powering the Devices

1. **Weather Station:** Locate the battery compartment on the back of the main unit. Insert 2 x LR6 AA batteries (not included), ensuring correct polarity. Alternatively, connect the provided DC5V/1.2A power adapter to the DC-in port on the back of the weather station and plug it into a power outlet. Using the power adapter is recommended for continuous backlight and full functionality.
2. **Wireless Outdoor Sensor:** Open the battery compartment on the back of the outdoor sensor. Insert 2 x LR6 AA batteries (not included), ensuring correct polarity.



Figure 3.1: Rear view of the weather station, illustrating the stand, battery compartment, and DC power input.

3.2 Sensor Placement and Connection

The wireless outdoor sensor transmits data to the main weather station. Optimal placement is crucial for accurate readings and reliable connection.

- Place the outdoor sensor in a shaded, dry location, protected from direct sunlight and heavy rain, to ensure accurate temperature and humidity readings.
- The sensor can be wall-mounted using the integrated hanging hole or placed on a flat surface using its stand.
- The transmission range is up to 60 meters (approximately 197 feet) in an open area. Walls, metal structures, and other electronic devices can reduce this range.
- The weather station supports connection with up to 3 wireless outdoor sensors. Additional sensors are sold separately.



Wireless Outdoor Sensor:

- Wall Mount or Table Stand
 - 433.92MHz RF transmitting frequency
 - 60 meters transmission range in an open area
 - Up to 3 wireless outdoor sensors can be connected.
- (One Wireless outdoor Sensor Included)



Figure 3.2: The wireless outdoor sensor, showing its design for wall mounting or table stand use.

Wireless sensor

Outdoor temperature measurement ranges: -40°C (-40°F) to 70°C (158°F)
Temperature alternatively in $^{\circ}\text{C}$ or $^{\circ}\text{F}$



- Wall Mount or Table Stand
- 433.92MHz RF transmitting frequency
- 60 meters transmission range in an open area
- Up to 3 wireless outdoor sensors can be connected.
(One Wireless outdoor Sensor Included)

Figure 3.3: Example of the weather station placed indoors and the wireless sensor positioned outdoors for optimal data collection.



Figure 3.4: The main weather station unit shown in various placement scenarios, including tabletop and wall-mounted.

4. OPERATING INSTRUCTIONS

The weather station features a touch screen interface for easy navigation and setting adjustments. The main display provides a comprehensive overview of all functions.

Touch function

This weather station fits a new design. Neither the top nor the display buttons are physical buttons. You can do it by touch.



Figure 4.1: Diagram illustrating the touch-sensitive areas (A1-A20, B1-B2) and display segments of the weather station for interaction.

4.1 Basic Display Information

- **Time & Date:** Displays current time (12-hour or 24-hour format), date, and day of the week. The perpetual calendar extends up to the year 2099.
- **Day of Week:** Available in 7 languages: English, German, Italian, French, Spanish, Dutch, and Danish.
- **Indoor Temperature & Humidity:** Shows current indoor temperature (-9.9°C to 50°C) and humidity (20% to 95% RH).
- **Outdoor Temperature & Humidity:** Shows current outdoor temperature (-40°C to 70°C) and humidity (20% to 95% RH) from the wireless sensor.
- **Atmospheric Pressure:** Displays current atmospheric pressure (600~1100 hPa/mb) and a histogram of the 24-hour historical trend.
- **Weather Forecast:** Provides an icon-based weather forecast.
- **Moon Phases & Tides:** Displays current moon phase and tide information.
- **Sunrise & Sunset:** Shows sunrise and sunset times for a selected city.
- **Comfort & Mold Risk:** Indicates indoor comfort levels and potential mold risk based on temperature and

humidity.

4.2 Setting Time and Date

Specific touch points on the screen allow for adjustment. Refer to Figure 4.1 for button locations (e.g., A1-A20, B1-B2 are likely touch zones).

1. Press and hold the **MODE** button (or equivalent touch area, e.g., A19/A20) to enter time setting mode.
2. Use the **UP** and **DOWN** buttons (or touch areas, e.g., A17/A18) to adjust values.
3. Press **MODE** again to confirm and move to the next setting (e.g., 12/24-hour format, hour, minute, year, month, day, language for day of week).
4. Exit setting mode by pressing **MODE** until the normal display resumes, or wait for automatic exit.

4.3 Alarm Settings

The weather station supports two daily alarms and an automatic snooze function.

1. Press the **ALARM** button (or touch area, e.g., A15/A16) to view Alarm 1. Press again for Alarm 2.
2. Press and hold the **ALARM** button to enter alarm setting mode.
3. Adjust hour and minute using **UP** and **DOWN** buttons.
4. Press **ALARM** to confirm and switch between Alarm 1 and Alarm 2 settings.
5. To activate/deactivate an alarm, press the **ALARM** button briefly when viewing the alarm time. An alarm icon will appear/disappear.
6. When an alarm sounds, press any button (except snooze) to stop it, or press the **SNOOZE** button (top bar B1 in Figure 4.1) for a temporary delay.

4.4 Temperature Unit Selection (°C/°F)

Briefly press the **°C/°F** button (or touch area, e.g., A13/A14) to switch between Celsius and Fahrenheit display for temperature readings.

4.5 Minimum/Maximum Readings and Trends

The weather station records minimum and maximum temperature/humidity values and displays trends.

- Press the **MEM** button (or touch area, e.g., A11/A12) to view maximum indoor/outdoor temperature and humidity. Press again to view minimum values.
- Press and hold **MEM** to clear recorded minimum/maximum values.
- Trend arrows next to temperature and humidity readings indicate whether the values are rising, falling, or stable.

4.6 Outdoor Temperature Alerts and Frost Warning

You can set upper and lower limits for outdoor temperature alerts.

1. Press the **ALERT** button (or touch area, e.g., A9/A10) to activate/deactivate the alert function.
2. Press and hold **ALERT** to enter alert setting mode.
3. Use **UP** and **DOWN** to set the desired upper and lower temperature limits.
4. A frost warning icon will appear when the outdoor temperature drops to a predefined level (typically near 0°C/32°F).

4.7 Backlight Control

When powered by batteries, the backlight will illuminate briefly when a button is pressed. When powered by the DC adapter, the backlight can be set to be continuously on or to dim after a period of inactivity. Specific controls for backlight intensity or continuous on/off are usually found in the settings menu (refer to the detailed manual if available, or experiment with the touch areas, e.g., A7/A8 for backlight). The top bar (B1) might also control backlight.

5. MAINTENANCE

- **Cleaning:** Wipe the weather station and sensor with a soft, damp cloth. Do not use abrasive cleaners, solvents, or corrosive chemicals.
- **Battery Replacement:** Replace batteries in both the main unit and the outdoor sensor promptly when the low battery indicator appears on the display. Ensure to use fresh LR6 AA batteries and dispose of old batteries responsibly.
- **Sensor Protection:** Ensure the outdoor sensor remains protected from extreme weather conditions (e.g., heavy rain, direct prolonged sunlight, snow, extreme temperatures) to prolong its lifespan and maintain accuracy.
- **Storage:** If storing the device for an extended period, remove all batteries from both units to prevent leakage and potential damage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display on weather station.	Batteries are dead or incorrectly inserted; power adapter not connected or faulty.	Check battery polarity and replace if necessary. Ensure power adapter is securely connected and functional.
Outdoor temperature/humidity not displayed or inaccurate.	Sensor out of range; low sensor battery; interference; sensor exposed to direct elements.	Move sensor closer to the main unit. Replace sensor batteries. Relocate sensor away from electronic interference. Ensure sensor is in a shaded, dry location.
Weather forecast is inaccurate.	Weather forecasting is based on atmospheric pressure changes and is an estimation, not a guarantee.	Allow 24-48 hours for the station to calibrate to local atmospheric pressure. Understand that forecasts are predictive and not always exact.
Alarm does not sound.	Alarm is not activated; incorrect time set.	Ensure the alarm icon is displayed. Check alarm time settings.
Touch screen unresponsive.	Temporary software glitch; static electricity.	Remove batteries and power adapter, wait a few minutes, then re-power the device. Ensure hands are clean and dry.

7. SPECIFICATIONS

- **Model:** Fj3362g (Manufacturer Part Number: SDJ250506044)
- **Material:** ABS
- **Indoor Temperature Measurement Range:** -9.9°C to 50°C (14.2°F to 122°F)

- **Outdoor Temperature Measurement Range:** -40°C to 70°C (-40°F to 158°F)
- **Indoor/Outdoor Humidity Measurement Range:** 20% to 95% RH
- **Atmospheric Pressure Measurement Range:** 600~1100 hPa/mb
- **Wireless Sensor Frequency:** 433.92 MHz
- **Wireless Transmission Range:** Up to 60 meters (197 feet) in open area
- **Max. Outdoor Sensors Supported:** 3 (one included)
- **Weather Station Power Supply:** 2 x LR6 AA batteries or DC5V/1.2A power adapter
- **Outdoor Sensor Power Supply:** 2 x LR6 AA batteries
- **Weather Station Dimensions:** 167 x 128 x 30 mm (6.57 x 5.04 x 1.18 inches)
- **Sensor Dimensions:** 97 x 50 x 30 mm (3.82 x 1.97 x 1.18 inches)
- **Weather Station Item Weight:** Approximately 260g (9.17oz)
- **Country of Origin:** China

8. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the documentation provided at the time of purchase or contact your retailer.

If you encounter any issues or have questions regarding the operation or maintenance of your Generic Multifunction Weather Station, please contact customer support. We aim to provide a high-quality reply within 48 hours.

Contact Information: Please refer to your purchase receipt or the seller's information on the platform where the product was acquired for specific contact details.