

COMETX FJ3373

User Manual for COMETX FJ3373 Multifunction Digital Weather Station

Model: FJ3373

Brand: COMETX

INTRODUCTION

The COMETX FJ3373 Multifunction Digital Weather Station is designed to provide comprehensive weather information for both indoor and outdoor environments. It features an LCD display for clear readability and includes functions such as weather forecasting, moon phase display, digital clock, calendar, and alarm. The system utilizes a wireless outdoor sensor to transmit temperature and humidity data, along with barometric pressure trends. This manual provides detailed instructions for setting up, operating, and maintaining your weather station to ensure optimal performance and longevity.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x FJ3373 Weather Station (Main Unit)
- 1 x Wireless Outdoor Sensor
- 1 x USB Power Cord
- 1 x User Manual (English, German, French, Italian, Spanish)

Note: AA batteries for both the main unit and the outdoor sensor are not included and must be purchased separately.

PRODUCT OVERVIEW



Figure 1: Main Weather Station Unit and Wireless Outdoor Sensor. The main unit displays indoor and outdoor conditions, while the smaller white unit is the wireless outdoor sensor.

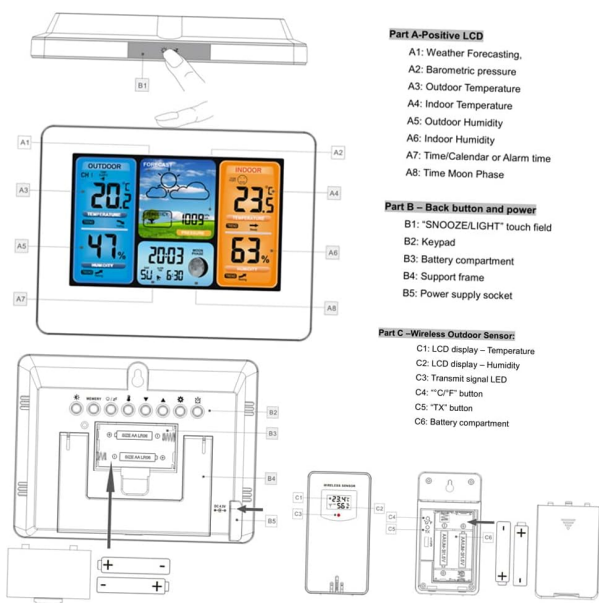


Figure 2: Detailed diagram illustrating the main components of the weather station and its wireless sensor. This includes the LCD display sections, back panel buttons, battery compartments, and power input.

Part A: Positive LCD Display

- A1:** Weather Forecasting
- A2:** Barometric Pressure
- A3:** Outdoor Temperature
- A4:** Indoor Temperature
- A5:** Outdoor Humidity
- A6:** Indoor Humidity
- A7:** Time/Calendar or Alarm Time
- A8:** Time Moon Phase

Part B: Back Button and Power

B1: "SNOOZE/LIGHT" touch field

B2: Keypad

B3: Battery compartment

B4: Support frame

B5: Power supply socket

Part C: Wireless Outdoor Sensor

C1: LCD display - Temperature

C2: LCD display - Humidity

C3: Transmit signal LED

C4: "C/F" button

C5: "TX" button

C6: Battery compartment



Figure 3: Overview of the main unit's display sections and their corresponding functions, including outdoor temperature, humidity, weather forecast, air pressure, indoor temperature, indoor humidity, comfort display, date, week, and moon phase.

▪ Two colors optional



Figure 4: Dimensions of the main weather station unit (167mm x 129mm x 30mm) and a view of the back panel.
The product is available in both black and wood-grain finishes.

SETUP

1. Powering the Main Unit

The main unit can be powered by either 2 x LR6 AA batteries (not included) or the included DC 5V USB power adapter.

1. Open the battery compartment (B3) on the back of the main unit.
2. Insert 2 x LR6 AA batteries, ensuring correct polarity (+/-).
3. Alternatively, connect the USB power cord to the power supply socket (B5) and plug it into a compatible USB power source (e.g., wall adapter, computer USB port).
4. The display will light up, indicating the unit is powered on.



Figure 5: The FJ3373 weather station connected to a power outlet via its USB power cord. The USB power cord allows for flexible power options.

2. Setting up the Wireless Outdoor Sensor

The wireless outdoor sensor requires 2 x LR6 AA batteries (not included).

1. Open the battery compartment (C6) on the back of the outdoor sensor.
2. Insert 2 x LR6 AA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment.
4. Place the outdoor sensor in a shaded, dry location outdoors, away from direct sunlight and precipitation, to ensure accurate readings. It can be wall-mounted or placed on a flat surface.

3. Initial Synchronization

After powering on both units, the main weather station will automatically attempt to connect with the wireless outdoor sensor. This process may take a few minutes. Once connected, the outdoor temperature and humidity readings will appear on the main unit's display.

- Ensure the outdoor sensor is within the 60-meter transmission range (in an open area) of the main unit.
- If synchronization fails, press the "TX" button (C5) on the outdoor sensor to manually send a signal, and ensure the main unit is in receiving mode (refer to operating instructions for specific pairing steps if needed).

OPERATING INSTRUCTIONS

The main unit features a keypad (B2) for various settings and adjustments. Specific button functions may vary depending on the mode.

1. Time and Date Settings

To set the time, date, and language:

1. Press and hold the "MODE" button (refer to keypad diagram for exact button, typically labeled "SET" or "MODE") to enter time setting mode.
2. Use the "UP" and "DOWN" buttons to adjust the values.
3. Press "MODE" again to confirm and move to the next setting (e.g., 12/24 hour format, hour, minute, year, month, day, day of week language).
4. Day of week is selectable in 7 languages: English, German, Italian, French, Spanish, Netherlands, and Danish.
5. Press "MODE" to exit setting mode.

2. Alarm Function

To set and activate the alarm:

1. Press the "ALARM" button (refer to keypad diagram) to view the alarm time.
2. Press and hold "ALARM" to enter alarm setting mode.
3. Use "UP" and "DOWN" to adjust the alarm hour and minute.
4. Press "ALARM" to confirm.
5. To activate/deactivate the alarm, press the "ALARM" button repeatedly until the alarm icon appears/disappears on the display.
6. When the alarm sounds, touch the "SNOOZE/LIGHT" field (B1) to activate snooze (alarm will sound again after 5 minutes) or press any other button to stop the alarm for 24 hours.

3. Weather Forecast Display (A1)

The weather station predicts weather conditions for the next 12-24 hours based on barometric pressure changes.

The display shows icons for Sunny, Partly Cloudy, Cloudy, Rainy, and Snowy. The accuracy is approximately 70-75%.

4. Temperature and Humidity Display (A3, A4, A5, A6)

The main unit displays both indoor and outdoor temperature and humidity. Temperature can be switched between Celsius (°C) and Fahrenheit (°F) using the "C/F" button on the main unit or outdoor sensor (C4).

- **Indoor Temperature Range:** -10°C to +50°C (14°F to 122°F)
- **Outdoor Temperature Range:** -20°C to +60°C (-4°F to 140°F)
- **Humidity Range:** 20%RH to 95%RH
- The display also shows temperature and humidity trends (rising, steady, falling).
- Outdoor high/low temperature and frost alerts are indicated on the display.

5. Barometric Pressure (A2)

The weather station measures barometric pressure in hPa/mb. It displays the current pressure and its trend, which is used for weather forecasting.

- **Barometric Pressure Range:** 600hPa/mb to 1100hPa/mb

6. Comfort Level Indicator

The indoor comfort level is calculated based on indoor temperature and humidity, displayed in 5 levels to indicate whether the environment is too dry, comfortable, or too humid.

7. Moon Phase Display (A8)

The display shows the current moon phase, which updates automatically based on the set date.

8. Backlight

Touch the "SNOOZE/LIGHT" field (B1) to activate the backlight for a few seconds, improving visibility in low-light conditions.

MAINTENANCE

1. Battery Replacement

When the battery indicator appears on the display, replace the batteries in the respective unit (main unit or outdoor sensor). Always replace all batteries at the same time with new ones of the same type.

- **Main Unit:** 2 x LR6 AA batteries
- **Outdoor Sensor:** 2 x LR6 AA batteries

Dispose of used batteries responsibly according to local regulations.

2. Cleaning

Clean the weather station and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the display or casing. Ensure no liquid enters the device.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
No display on main unit.	Batteries are dead or incorrectly inserted; USB power not connected or faulty.	Check battery polarity and replace if necessary. Ensure USB power cord is securely connected and power source is active.
Outdoor temperature/humidity not displayed or inaccurate.	Outdoor sensor not synchronized; sensor out of range; sensor batteries low; interference.	Ensure sensor batteries are fresh. Move sensor closer to the main unit. Press "TX" button on sensor. Avoid placing near large metal objects or electronic devices.
Weather forecast seems incorrect.	Forecast is based on barometric pressure trends, not real-time satellite data; local microclimates.	Understand that the forecast is a prediction based on pressure changes and may not always match actual conditions perfectly. It's a general trend indicator.
Alarm not sounding.	Alarm not activated; alarm volume too low (if adjustable); incorrect alarm time set.	Verify alarm is activated (alarm icon visible). Check alarm time settings.

SPECIFICATIONS

Model	FJ3373
Brand	COMETX
Screen Type	Positives LCD
Indoor Temperature Range	-10°C to +50°C (14°F to 122°F)
Outdoor Temperature Range	-20°C to +60°C (-4°F to 140°F)
Temperature Accuracy	0.1°C
Humidity Range	20%RH to 95%RH
Humidity Accuracy	1%RH
Barometric Pressure Range	600hPa/mb to 1100hPa/mb
Barometric Pressure Accuracy	1hPa/mb
Wireless Transmission Frequency	433.92MHz RF
Wireless Transmission Range	Up to 60 meters (open area)
Power Supply (Main Unit)	2 x LR6 AA batteries / DC 5V USB Power Adapter
Power Supply (Outdoor Sensor)	2 x LR6 AA batteries
Main Unit Dimensions	16.7 x 12.9 x 3 cm (6.6 x 5.1 x 1.2 inches)
Outdoor Sensor Dimensions	9.6 x 5 x 3.4 cm (3.8 x 2 x 1.3 inches)
Item Weight	460g (16.2oz)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided by your retailer or visit the official COMETX website. Keep your purchase receipt as proof of purchase for warranty claims.