

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Zivron](#) /

› [Zivron Wireless Remote Sensor Instruction Manual for Weather Stations EM3378UC/EM3354A](#)

Zivron EM3378UC/EM3354A

Zivron Wireless Remote Sensor Instruction Manual

Models: EM3378UC, EM3354A, and compatible series

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Zivron Wireless Remote Sensor. This sensor is designed to accurately measure and transmit outdoor temperature and humidity data to a compatible Zivron weather station. Please read this manual thoroughly before using the product to ensure proper function and longevity.



Image: The Zivron Wireless Remote Sensor shown alongside a compatible Zivron Weather Station, illustrating their intended use together for comprehensive environmental monitoring.

2. PACKAGE CONTENTS

- 1 x Zivron Wireless Remote Sensor
- 1 x Instruction Manual (this document)

Note: 2 AA batteries are required for operation and are not included in the package.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Zivron Wireless Remote Sensor.



Support up to 3 Channels

Monitor multiple places at the same time



Image: Front view of the Zivron Wireless Remote Sensor, highlighting the temperature and humidity display, signal light, and channel indicator.

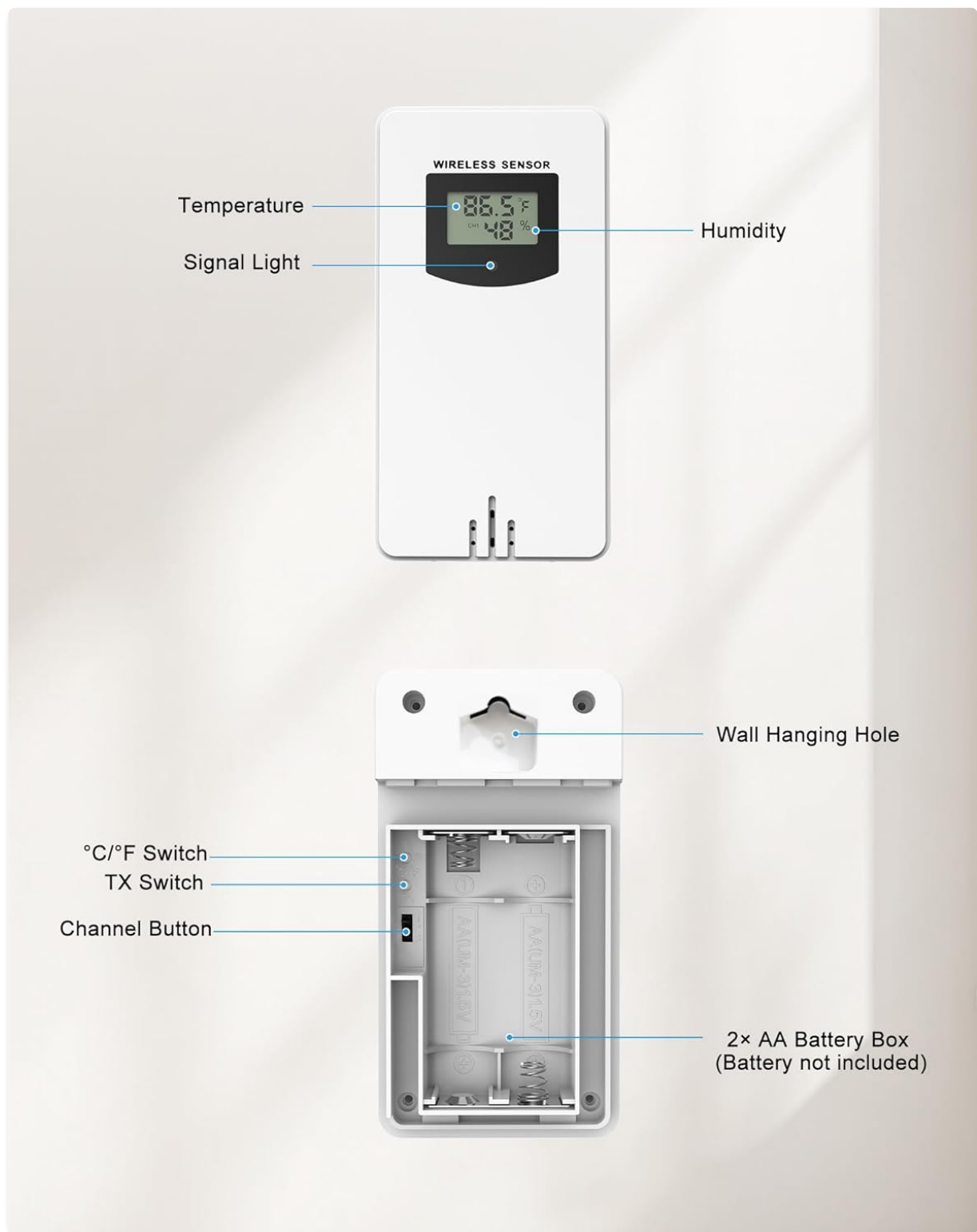


Image: Back view of the Zivron Wireless Remote Sensor, showing the battery compartment, wall hanging hole, °C/°F switch, TX switch, and Channel button.

Key Components:

- **Display:** Shows current temperature and humidity.
- **Signal Light:** Indicates data transmission.
- **°C/°F Switch:** Toggles temperature unit between Celsius and Fahrenheit.
- **TX Switch:** Initiates manual data transmission.
- **Channel Button:** Selects the transmission channel (1, 2, or 3).
- **Battery Compartment:** Holds 2 AA batteries.
- **Wall Hanging Hole:** For mounting the sensor.

- **Stand:** For tabletop placement.

4. SETUP

4.1 Battery Installation

1. Open the battery compartment cover on the back of the sensor.
2. Insert 2 new AA batteries, ensuring correct polarity (+ and -).
3. Close the battery compartment cover securely.

4.2 Pairing with Weather Station

The sensor supports 3-channel connectivity, allowing you to monitor multiple locations. Ensure your weather station is ready to receive signals.

1. After installing batteries, the sensor will automatically attempt to transmit data.
2. On the back of the sensor, press the **Channel Button** to select the desired channel (1, 2, or 3). This channel must match the channel selected on your weather station for proper pairing.
3. Press the **TX Switch** to manually send a signal to the weather station. The signal light will flash.
4. Refer to your weather station's manual for instructions on how to search for and pair with remote sensors.



Image: A visual representation of the sensor's capability to support up to three distinct channels, enabling monitoring of multiple locations simultaneously.

4.3 Placement and Mounting

The sensor can be placed on a flat surface using its integrated stand or mounted on a wall using the hanging hole.

- For outdoor use, choose a shaded location to avoid direct sunlight, which can cause inaccurate temperature readings.
- Ensure the sensor is protected from direct rain and snow.
- Place the sensor within the wireless transmission range (up to 200-320 feet) of your weather station. Obstacles like thick walls or metal structures can reduce this range.
- Common placement areas include backyards, garages, greenhouses, gardens, kitchens, bedrooms, or offices.

ABOUT US ☁

Born from the need for precise environmental awareness, Zivron crafts weather stations that bring clarity to your indoor and outdoor world.

For years, we've combined advanced sensor technology with user-friendly design, empowering our customers with accurate environmental data right at their fingertips.

Zivron: Your trusted companion for understanding your environment.

Bedroom application



24H_{x7}

24 Hours Customer Support



30D

30 Days Money Back



24M

24 Months Free Replacement/Repair

Baby room application



Greenhouse application

Images: Examples of suitable indoor and outdoor placements for the wireless remote sensor.

5. OPERATION

5.1 Temperature and Humidity Display

Once powered on and paired, the sensor's display will show the current temperature and humidity readings. These readings are also transmitted wirelessly to your main weather station.

5.2 Switching Temperature Units (°F/°C)

To switch between Fahrenheit (°F) and Celsius (°C) temperature units, locate the **°C/°F Switch** on the back of the sensor and press it. The display will update accordingly.

5.3 Manual Data Transmission

If you need to manually send data to your weather station, press the **TX Switch** on the back of the sensor. The signal light will flash, indicating a transmission attempt.

6. COMPATIBILITY

This Zivron Wireless Remote Sensor is designed to work as an add-on sensor for various Zivron weather stations. Compatible models include, but are not limited to:

- B0FMFFYWW3
- B0FCFRFQHW
- B0FCFPYGWR
- B0FCFX1SCX
- Other compatible weather stations within the same series.

Always refer to your weather station's manual to confirm compatibility with external sensors.

7. MAINTENANCE

7.1 Battery Replacement

When the battery indicator on your weather station or the sensor itself shows low power, replace the batteries promptly. Use 2 new AA batteries. Ensure correct polarity during installation.

7.2 Cleaning

Wipe the sensor's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the casing or electronic components. Ensure no moisture enters the battery compartment or other openings.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No temperature/humidity reading on weather station.	<ul style="list-style-type: none">• Sensor not paired.• Batteries low or dead.• Sensor out of range.• Interference.	<ul style="list-style-type: none">• Re-pair the sensor with the weather station (see Section 4.2).• Replace batteries.• Move sensor closer to the weather station.• Relocate sensor away from electronic devices that may cause interference.
Inaccurate temperature/humidity readings.	<ul style="list-style-type: none">• Sensor exposed to direct sunlight or heat source.• Sensor placed near a moisture source.	<ul style="list-style-type: none">• Relocate sensor to a shaded area.• Ensure sensor is not near vents, windows, or appliances that emit heat or moisture.
Sensor display is blank.	Batteries are dead or incorrectly installed.	Replace batteries, ensuring correct polarity.

9. SPECIFICATIONS



Image: The Zivron Wireless Remote Sensor displaying its physical dimensions for reference.

Feature	Detail
Model	EM3378UC/EM3354A (and compatible series)
Power Source	2 x AA Batteries (not included)
Connectivity Technology	Wireless (433 MHz/868 MHz)
Wireless Range	Up to 200-320 feet (60-97 meters) in open air
Temperature Units	Fahrenheit (°F) / Celsius (°C)

Feature	Detail
Humidity Display	%RH
Channels Supported	3
Color	White
Package Dimensions	4.13 x 2.4 x 1.73 inches
Weight	2.4 ounces
Manufacturer	Zivron

10. WARRANTY AND SUPPORT

Zivron is committed to providing reliable products and excellent customer service.

- **24 Months Free Replacement/Repair:** Your product is covered by a 24-month warranty for manufacturing defects.
- **30 Days Money Back:** If you are not satisfied with your purchase, you may return it within 30 days for a full refund.
- **24/7 Customer Support:** For any questions, issues, or support needs, please contact our customer service team.

Please retain your proof of purchase for warranty claims.