

Circrane Wireless Weather Station

Circrane Wireless Weather Station User Manual

Model: Wireless Weather Station

Brand: Circrane

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Circrane Wireless Weather Station. Please read this manual thoroughly before using the device to ensure proper functionality and longevity.

The Circrane Wireless Weather Station is designed to provide accurate real-time indoor and outdoor temperature and humidity readings, along with a vivid weather forecast, time, date, alarm clock, barometric pressure, and moon phases.

PACKAGE CONTENTS

- 1 x Color Weather Station (Main Unit)
- 1 x Wireless Remote Sensor
- 1 x AC Adapter with Power Cord
- 1 x Instruction Manual

PRODUCT OVERVIEW

Familiarize yourself with the main unit and remote sensor components.

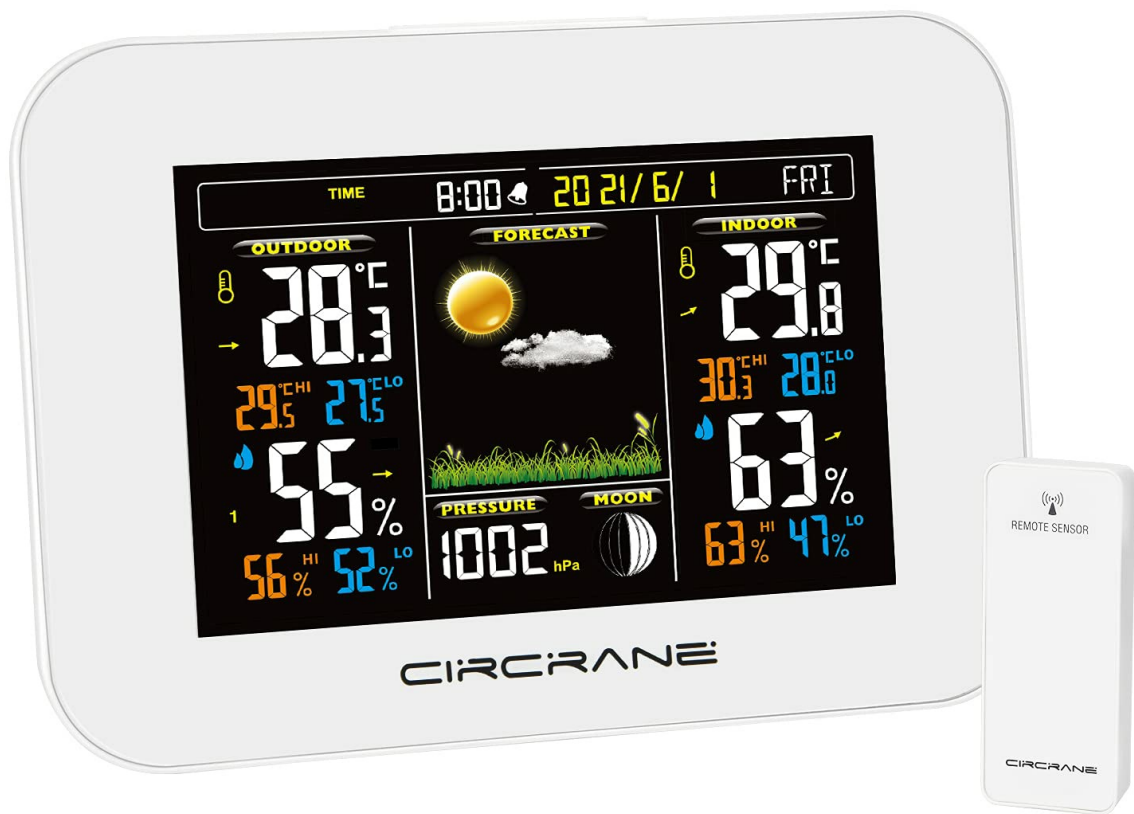


Figure 1: Circrane Wireless Weather Station Main Unit and Remote Sensor. The main unit features a large color LCD display, while the compact remote sensor transmits outdoor data wirelessly.

5 3/4" COLORFUL LARGE DISPLAY FOR EASY READ

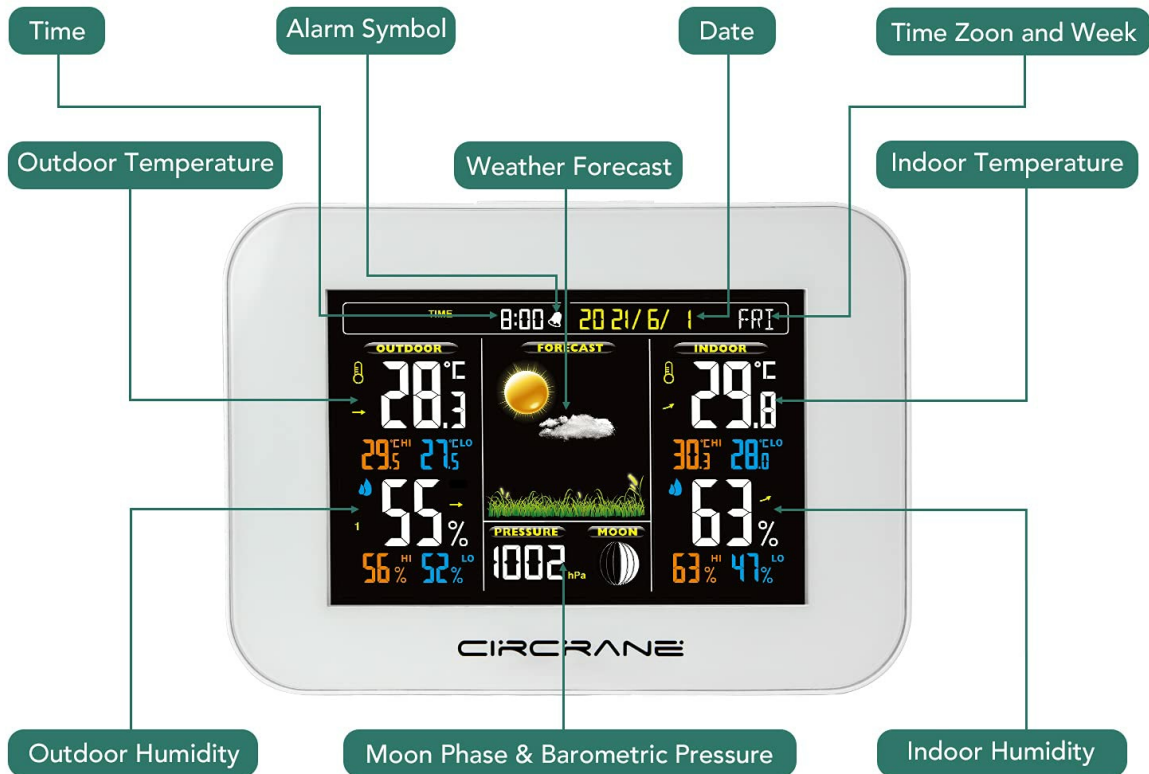


Figure 2: Detailed view of the 5.8-inch colorful LCD display, highlighting key information areas such as Time, Alarm Symbol, Date, Time Zone and Week, Outdoor Temperature, Weather Forecast, Indoor Temperature, Outdoor Humidity, Moon Phase & Barometric Pressure, and Indoor Humidity.

8 BUTTONS FOR SETUP AND ADJUSTMENT

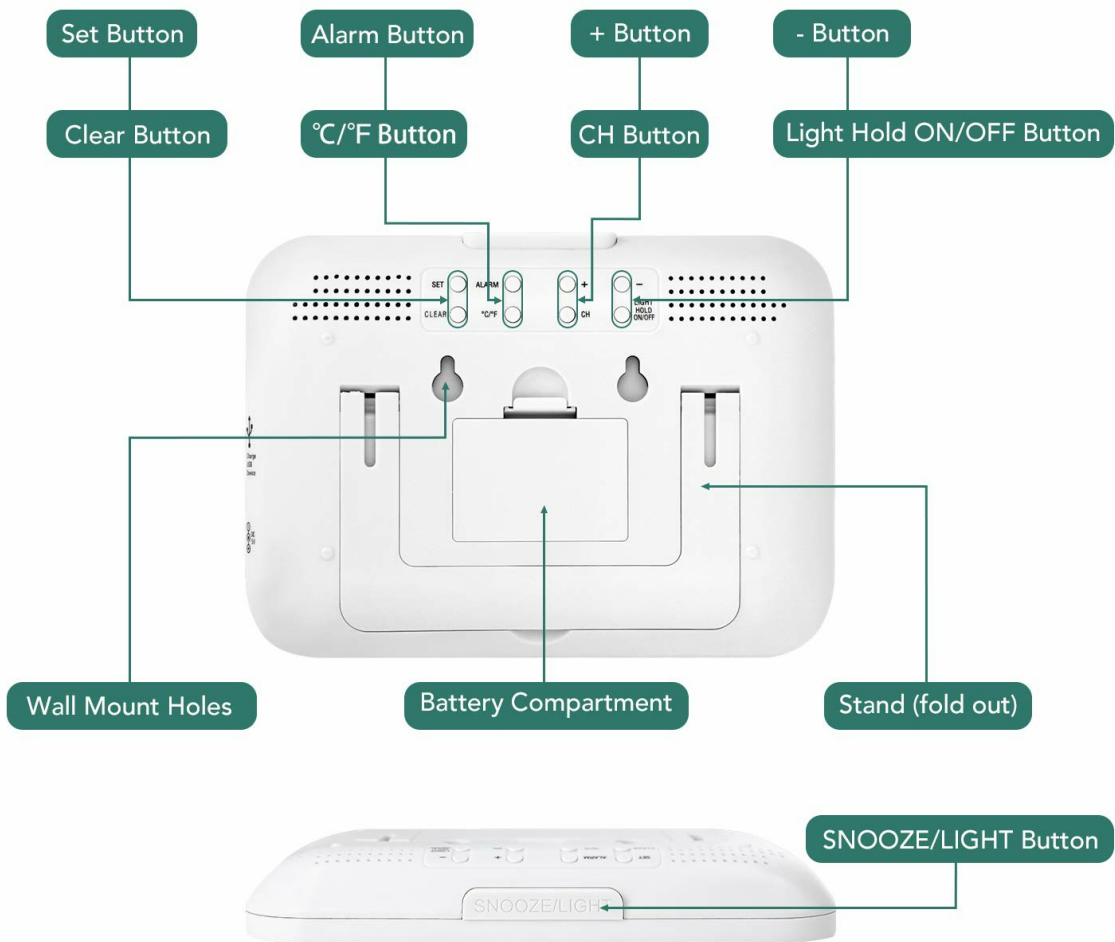


Figure 3: Rear view of the main unit, showing the 8 control buttons for setup and adjustment: Set, Alarm, +, -, Clear, °C/°F, CH, and Light Hold ON/OFF. Also visible are the Wall Mount Holes, Battery Compartment, and the fold-out Stand. The SNOOZE/LIGHT button is located on the top edge.

SETUP GUIDE

Powering the Main Unit

The weather station can be powered in two ways:

- **AC/DC Adaptor:** For continuous backlight display, connect the included AC/DC adaptor to the main unit and a power outlet.
- **3 x AAA Batteries (Not Included):** For portable use, insert 3 AAA batteries into the battery compartment. The display will turn off automatically after 10 seconds to conserve power. Touch the top "Snooze/Light" button to temporarily illuminate the display.



Figure 4: Illustration of the two power modes: continuous backlight when connected to the AC/DC power adaptor, and temporary backlight (10 seconds) when using batteries, activated by pressing the SNOOZE/LIGHT button.

Installing the Remote Sensor

1. Insert 2 AAA batteries (not included) into the remote sensor.
2. Place the remote sensor outdoors in a shaded area, protected from direct sunlight and rain, to ensure accurate temperature and humidity readings.
3. Ensure the remote sensor is within the wireless transmission range of 197 feet (in open space) from the main unit.

The main unit will automatically attempt to connect with the remote sensor upon power-up. If connection is not established, press the "CH" button on the main unit to initiate a search for the sensor.

Initial Settings

After powering on, set the time, date, and other preferences using the buttons on the back of the main unit.

- Press the "SET" button to enter time/date setting mode. Use "+" and "-" buttons to adjust values. Press "SET" again to confirm and move to the next setting.
- Press the "°C/°F" button to switch between Celsius and Fahrenheit temperature units.

OPERATING INSTRUCTIONS

Display Information

The main display provides a wealth of information at a glance:

- **Time & Date:** Current time, day of the week, and calendar date.
- **Indoor Temperature & Humidity:** Real-time readings for the indoor environment.
- **Outdoor Temperature & Humidity:** Real-time readings from the wireless remote sensor.
- **Weather Forecast:** Graphical representation of the predicted weather for the next 12 hours (sunny, partly cloudy, cloudy, rainy, stormy).
- **Barometric Pressure:** Current atmospheric pressure.
- **Moon Phases:** Displays the current phase of the moon.



Figure 5: Visual representation of the weather forecast icons (sunny, partly cloudy, cloudy, rainy, stormy) and the various moon phases (Full Moon, Waning Gibbous Moon, Last Quarter Moon, Waning Crescent Moon, New Moon, Waxing Crescent Moon, First Quarter Moon, Waxing Gibbous Moon).

Alarm Clock Function

To set the alarm:

1. Press the "**ALARM**" button to enter alarm setting mode.
2. Use "+" and "-" buttons to adjust the alarm time.
3. Press "**ALARM**" again to confirm.

When the alarm sounds, press the "**SNOOZE/LIGHT**" button on top for a 10-minute snooze. To turn off the alarm, press any other button on the back.

Backlight Control

If powered by batteries, press the "**SNOOZE/LIGHT**" button to activate the backlight for 10 seconds. If powered by the AC adapter, the backlight remains continuously on. You can also use the "Light Hold ON/OFF" button on the back to control continuous backlight when using the adapter.

USB Charging Port

The main unit features a 5V/1A USB charging port on the right side. This port can be used to charge mobile phones or other USB devices when the weather station is connected to the AC/DC power adaptor. (Note: USB cable not included.)



Figure 6: Location of the 5V, 1A USB charge port on the side of the main unit, demonstrating its use for charging a mobile phone.

- Clean the display and unit surfaces with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Avoid exposing the main unit to direct sunlight, extreme temperatures, or high humidity.
- Ensure the remote sensor is placed in a location protected from direct weather elements (rain, snow, direct sun) to prolong its lifespan and maintain accuracy.
- Replace batteries in both the main unit and remote sensor when the low battery indicator appears on the display.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No display on main unit.	No power or low batteries.	Ensure AC adapter is properly connected or replace AAA batteries.
Outdoor readings are inaccurate or missing.	Remote sensor out of range, low battery, or interference.	Move sensor closer to main unit, replace sensor batteries, or relocate to avoid interference. Press "CH" button to re-sync.
Weather forecast seems incorrect.	Forecast is based on barometric pressure changes over time, not real-time conditions.	Allow 7-14 days for the station to learn local atmospheric pressure patterns for more accurate forecasts.
Display backlight does not stay on.	Unit is running on battery power.	Connect the AC adapter for continuous backlight.

SPECIFICATIONS

- **Product Dimensions:** 7 x 1 x 5 inches (Main Unit)
- **Weight:** 1.13 Pounds
- **Power Source (Main Unit):** AC/DC Adaptor or 3 x AAA batteries (not included)
- **Power Source (Remote Sensor):** 2 x AAA batteries (not included)
- **Indoor Measuring Range:** Temperature: 32°F ~ 122°F (0°C ~ 50°C), Humidity: 10% ~ 99%
- **Outdoor Measuring Range:** Temperature: -40°F ~ 140°F (-40°C ~ 60°C), Humidity: 1% ~ 99%
- **Wireless Transmission Distance:** Up to 197 FT (60 meters) in open space
- **Connectivity Technology:** Wireless (RF)
- **Material:** Plastic, Acrylonitrile Butadiene Styrene (ABS)
- **Special Feature:** Colorful LCD Display
- **USB Output:** 5V/1A (for charging external devices)

DIMENSIONS

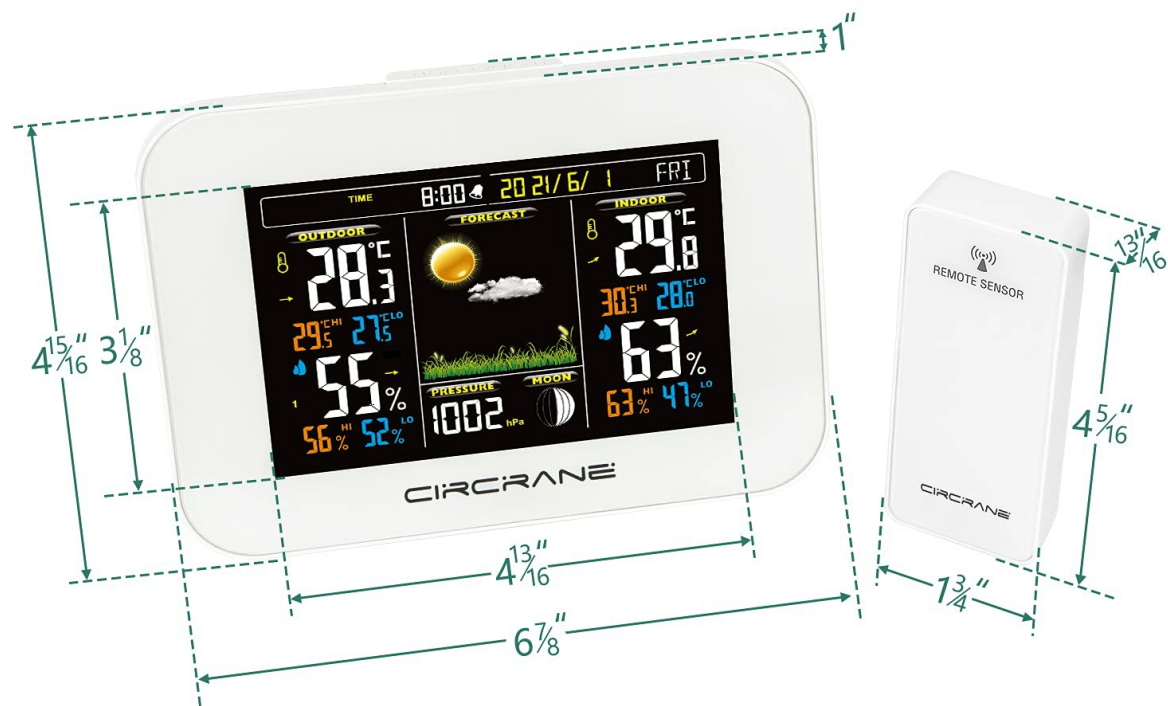


Figure 7: Detailed dimensions of the main unit and the remote sensor, indicating their compact size for versatile placement.



Figure 8: Visual representation of the 197 FT wireless transmission distance between the main unit and the remote sensor, along with the specified indoor and outdoor temperature and humidity measuring ranges.

WARRANTY AND SUPPORT

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