Thank you for purchasing this Celestron Personal Weather Station. Please read the instructions prior to use. We hope it brings you many years of enjoyment.

Powering the Receiver

Remove the protective film on the LCD. Open the battery compartment door on the rear of the Receiver. Then insert two “C” batteries (user supplied) with polarity as indicated in the battery compartment. After installation, reattach the battery compartment door.

For optimum performance, please place the Receiver away from metal and other sources of interference such as mobile phones, TVs, computers, appliances, etc. If the Receiver stops showing the display or dims, replace the batteries.

Powering and Adjusting Settings for the Wireless Remote Sensor

Remove the protective film on the LCD. Remove the small screw (center area of center image) from the rear door of the sensor with a small screwdriver. Insert two AAA batteries (user supplied) as indicated in the sensor (see right image). Push/toggle the button so readings will be shown in “C” (Centigrade) or “F” (Fahrenheit). Then push the button “TX” and hold it a couple of seconds which will transmit the RF signal from the sensor to the Receiver. The Sensor itself will display the outside temperature and humidity (see left image). Replace the rear door of the sensor by installing the small screw to hold it in place.

The Sensor can be mounted up to 100 feet (30 meters) in an open area from the Receiver to communicate with it. The Sensor has a place on the rear of the unit to mount/hang it securely (hanger part on left of center image) to any surface that is secure or it can stand up (if in an area without wind, etc.) by folding out the small stand (right part of center image).

If the battery power becomes low, a “low battery icon” will appear on the LCD display and change batteries to ensure a strong signal is being sent to the Receiver.
**Indoor and Outdoor Temperature and Humidity** – the indoor temperature and humidity as well as the outdoor temperature and humidity is shown on the LCD display.

**Data displayed in “C” or “F”** – push the “DOWN” arrow button (when in a normal mode) to change from “C” (Centigrade) or “F” (Fahrenheit) for the display you desire.

**Clock and Calendar** – Press the “MODE” button and hold down for a few seconds to enter the setup mode. Use the “+” or “-” buttons to make changes. Press the “MODE” after each setting is correct. The settings in sequence will be – hour / minute / seconds / year / month / day / time zone / weekday language / exit. The weekday language to choose is available in English, German, French, Spanish, Italian, Dutch, and Danish.

The clock format can be 12 or 24 hour mode – use the “+” button (in normal mode) to change the format that you wish to use. The time zone is for setting normal time to a ± 12 hour difference.

**Temperature Alert** – you can set a range of indoor and outdoor temperature alerts (high and low). In normal mode press the “ALERT” button once, and it will display an icon that the alert is enabled (to the left of the indoor and outdoor temperature) and press again, and the icon will be removed to indicate the alert is disabled. To set the maximum and minimum temperatures for the alert, hold the “ALERT” button down for a few seconds and an icon (top part) will flash to tell you to set the maximum temperature alert – use the “UP” and “DOWN” arrow buttons to choose your alert indoor temperature and push the “ALERT” button to set. Push the button again, and the lower icon will flash, and you will set the minimum indoor temperature alert. Repeat the same setup again, but when the top icon is flashing with no temperature displayed, push the UP arrow button to make the settings for the outdoor temperature. When the temperature reaches the alarm stage, the icons will flash and make a sound.

**Alarm Setting** – push the “MODE” button to enter the alarm mode. Press and hold the “MODE” button a few seconds and set the hour and minute of the alarm using the “+” and “-” buttons and confirm the data by pressing the “MODE” button. Press “MODE” to show the alarm time and the “AL” icon will be displayed briefly. Press the “AL” to have a bell appear (in the clock display area), meaning the alarm is enabled. To turn the alarm off (disable), press “AL” again, and the bell icon will disappear. To stop the alarm, press the “+” or “-” or “AL”.

**Channel** – if your Sensor is set correctly to Channel 1, you will have the LCD display for the outdoor temperature and humidity. If you do not have an outdoor temperature and humidity display, push and hold the “SEARCH” button until you hear a beep, and the display should show up in a few seconds.

**Placement** – the Receiver can be placed on a table, desk, or other flat surface, or it can (by using a hanger cut out on the rear of the Receiver) be hung on a wall or other location.

**Reset** – if for some reason the LCD display does not function properly and you are using new batteries, use a pin (or other very small object) to press the “RESET” button on the rear of the Receiver.
SPECIFICATIONS:

• Indoor Temperature Range = 0º to +50º C ( +32º to +122º F)
• Remote Sensor Temperature Range = -20º to +70º C ( -4º to +158º F)
• Indoor/Outdoor Humidity Range = 20% to 95% Relative Humidity
• Resolution = ± .5º C (± 1.5º F) for temperature & ± 1.5% humidity
• Clock = digital quartz
• Transmission = RF433 MHz
• Dimensions = Receiver – 8.3” x 3.0” x 10.3” (211 mm x 76 mm x 262 mm)
  Sensor - 2.4” x 1.1” x 3.8” (61 mm x 28 mm x 97 mm)
• Weight = Receiver - 25oz/709g  Sensor - 3oz/85g

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions;

(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER AUTHORITY TO OPERATE THE EQUIPMENT.