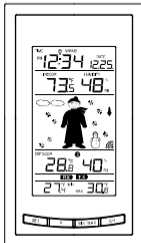


**WS-9625U-IT**  
**915 MHz WIRELESS WEATHER STATION**

**Instruction manual**



Tomorrow's Weather Today™

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This product offers:



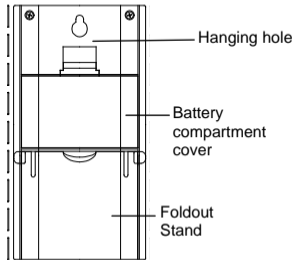
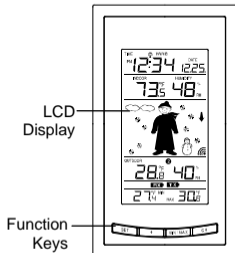
*INSTANT TRANSMISSION* is the state-of-the-art new wireless transmission technology, exclusively designed and developed by LA CROSSE TECHNOLOGY. *INSTANT TRANSMISSION* offers you an immediate update (every 4 seconds!) of all your outdoor data measured from the sensors: follow your climatic variations in real-time!

## **INVENTORY OF CONTENTS**

1. Wireless Weather Station
2. Wireless Thermo-hygro Sensor (TX21U-IT) and mounting bracket.
3. Instruction Manual and Warranty Card.
4. 4 Fresh "AA" IEC LR6, 1.5V Alkaline Batteries.

## FEATURES:

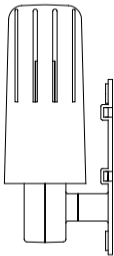
### The Weather Station



- Atomic auto-set time (WWVB Radio controlled time) or manual time setting options
- Atomic auto-set time reception ON/OFF setting
- 12/24 hour display
- Daylight time saving ON/OFF
- Hour, minute and second display
- Time zone option  $\pm 12$  hours
- Wireless transmission at 915 MHz
- Signal reception intervals at 4-second
- Display indoor and outdoor temperature in ( $^{\circ}\text{F}$ ) or ( $^{\circ}\text{C}$ ) and indoor and outdoor humidity (% RH)
- Weather forecasting with 15 easy-to-read weather forecast signs featuring Oscar Outlook Forecaster
- Weather forecasting icon sensitivity setting
- Temperature display in degrees Fahrenheit ( $^{\circ}\text{F}$ ) or Celsius ( $^{\circ}\text{C}$ ) selectable

- Indoor and Outdoor temperature and humidity display with MIN/MAX recording
- All MIN/MAX outdoor recordings show date and time received and all MIN/MAX recordings can be reset
- Daily Outdoor minimum and maximum temperature display
- Can receive up to three sensors
- LCD contrast setting
- Low battery indicator
- Table standing/ Wall mounting

## The Outdoor Thermo-hygro Sensor



- Remote transmission of outdoor temperature and humidity to Weather Station by 915 MHz
- Shower proof casing
- Wall mounting case
- Mounting at a sheltered place. Avoid direct rain and sunshine

## SETTING UP:

### When one sensor is to be used

1. First, insert the batteries into the thermo-hygro sensor. (see "**Install and replace batteries in the thermo-hygro sensor**").
2. Immediately after and within 30 seconds, insert the batteries into Weather Station (see "**Install and replace batteries in the Weather Station**"). Once the batteries are in place, all segments of the LCD will light up briefly. Following the time as 12:00 and the "Oscar Outlook" icon will be displayed. If these are not displayed after 60 seconds, remove the batteries and wait for at least 10 seconds before reinserting them.
3. After inserting the batteries into the sensor, the Weather Station will start receiving data from the sensor. The outdoor temperature and humidity and the signal reception icon should then be displayed on the Weather Station. If this does not happen after 3 minutes, the batteries will need to be removed from both units and reset from step 1.

4. In order to ensure sufficient 915 MHz transmission however, this should under good conditions be a distance no more than 100 meters between the final position of the Weather Station and the sensor (see notes on “**Mounting**” and “**915 MHz Reception**”).

**When more than one sensor is to be used**

1. User shall remove all the batteries from the Weather Station and sensors and wait 60 seconds if setting has been done with one sensor before.
2. Insert the batteries to the first sensor.
3. Within 30 seconds of powering up the first sensor, insert the batteries to the Weather Station. Once the batteries are in place, all segments of the LCD will light up briefly. Following time as 12:00 and the Oscar Outlook icon will be displayed. If they are not shown in LCD after 60 seconds, remove the batteries and wait for at least 60 seconds before reinserting them.
4. The outdoor temperature and humidity from the first sensor (channel 1) should then be

displayed on the Weather Station. Also, the signal reception icon will be displayed. If this does not happen after 2 minutes, the batteries will need to be removed from both units and reset from step 1.

5. Insert the batteries to the second sensor as soon as the outdoor temperature readings from the first sensor are displayed on the Weather Station.

**Note:** User shall insert the batteries into the second sensor within 30 seconds of reception of the first .

6. The outdoor temperature and humidity from the second sensor and the "channel 2" icon should then be displayed on the Weather Station. If this does not happen after 2 minute, the batteries will need to be removed from all the units and reset from step 1.
7. Insert the batteries to the third sensor as soon as the "channel 2" icon and outdoor data are displayed on the Weather Station. Then within 2 minutes, the channel 3 outdoor data from the third sensor will be displayed and the channel icon will shift back to "1" once the third

sensor is successfully received. If this is not happen, user shall restart the setting up from step 1.

**Note:** User shall insert the batteries into the third sensor within 30 seconds of reception of the second sensor.

8. In order to ensure sufficient 915 MHz transmission there should be no more than 330 feet (100 meters) between the final position of the Weather Station and the sensor (see notes on "**Mounting**" and "**915 MHz Reception**").

**Note:**

If the signal reception is not successful on the first frequency (915MHz) for 45 seconds, the frequency is changed to 920MHz and the learning is tried another 45 seconds. If still not successful the reception is tried for 45 seconds on 910MHz. This will also be done for re-synchronization.

**IMPORTANT:**

Transmission problems will arise if the setting for additional sensors is not followed as described above. Should transmission problems occur, it is necessary to remove the batteries from all units and start again the set-up from step 1.

9. Once the remote temperature has been received and displayed on the Weather Station, the Atomic time (WWVB time) code reception is automatically started. This takes typically between 3-5 minutes in good conditions.

**Note:**

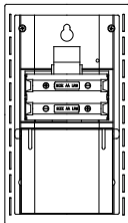
- If after 10 minutes, the Atomic Time (WWVB) time has not been received, press the SET key to manually enter a time initially.
- Daily WWVB reception (Atomic time) is attempted at full hour between 12:00 am to 6:00 am. If the reception is successful, there will no reception attempt until the following day. When this is successful, the received time will override the manually set time. The date is

also updated with the received time. (Please refer also to notes on “**Atomic time - WWVB Radio controlled Time**” and “**Manual Time Setting**”)

## **BATTERY INSTALLATION**

### **INSTALL AND REPLACE BATTERIES IN THE WEATHER STATION**

The Weather Station uses 2 x AA, IEC LR6, 1.5V batteries. To install and replace the batteries, please follow the steps below:

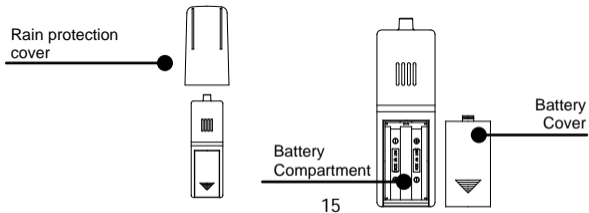


1. Remove the cover at the back of the Weather Station.
2. Insert batteries observing the correct polarity (see marking).
3. Replace compartment cover.

## INSTALL AND REPLACE BATTERIES IN THE THERMO-HYGRO SENSOR

The sensor uses 2 x AA Alkaline batteries. To install and replace the batteries:

1. Remove the Protective Rain Cover.
2. Remove the Battery Cover.
3. Observing the correct polarity, install 2 "AA" Alkaline Batteries—make sure they do not spring free, or start-up problems may occur. Replace the Battery Cover.



**Note:**

In the event of changing batteries in any of the units, all units need to be reset by following the setting up procedures. This is because a random security code is assigned by the sensor at start-up and this code must be received and stored by the Weather Station in the first 3 minutes of power being supplied to it

**BATTERY CHANGE:**

It is recommended to replace the batteries in all units regularly to ensure optimum accuracy of these units (Battery life See **Specifications** below).

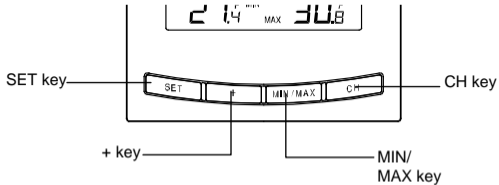


**Please participate in the preservation of the environment. Return used batteries to an authorized depot.**

## FUNCTION KEYS:

### Weather Station:

The Weather Station has four easy to use function keys.



**SET key (Setting):**

- To enter the set mode for the following functions: LCD contrast, Time zone, Daylight saving time ON/ OFF, Time Reception ON/OFF, 12/24 hour display, Manual time, Year, Month, Day, °F/°C, and Weather Forecast sensitivity settings.
- Press to reset the minimum or maximum temperature and humidity records of the indoor or the currently selected outdoor channel (will reset all records to current level)

**MIN/ MAX**

- To toggle between the minimum/maximum outdoor temperature and minimum/maximum indoor temperature data

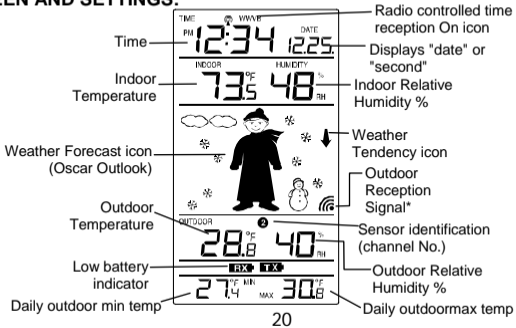
**+ key**

- To toggle between the "date" and "second of time" in the time display
- To make adjustment for various settings

**CH key**

- To toggle between the Outdoor Sensors 1, 2 and 3 (if more than 1 sensor is used)
- To exit from the manual setting mode

## LCD SCREEN AND SETTINGS:



\*When the outdoor signal is successfully received by the Weather Station, this icon will be switched on. (If not successful, the icon will not be shown in LCD) So user can easily see whether the last reception was successful (icon on) or not (icon off). On the other hand, the short blinking of the icon shows that a reception is currently taking place.

For easy viewing the LCD screen is split into 5 sections displaying the information for time and indoor data, weather forecast, and outdoor data.

### **Section 1 - TIME AND DATE**

- In normal mode, display the radio controlled time and date.
- Display "second" of time when the "+" key is pressed
- A time signal reception symbol will be shown indicating that receiver is receiving atomic controlled time

## **Section 2 - INDOOR TEMPERATURE AND INDOOR HUMIDITY**

- Display the current indoor temperature and humidity.

## **Section 3 - WEATHER ICON (FEATURING OSCAR OUTLOOK FORECASTER)**

- The weather is displayed in form of 15 weather icons (featuring Oscar Outlook Forecaster) which change in appearance depending on the air pressure development (past air pressure change) and the current outdoor temperature.
- Display the weather tendency indicator
- A signal reception symbol will be shown indicating that receiver is receiving outdoor data
- Format of the Oscar Outlook icons refers to the "**WEATHER FORECAST AND TENDENCY**"

## **Section 4 - OUTDOOR TEMPERATURE AND OUTDOOR HUMIDITY**

- Display the outdoor temperature and outdoor humidity of the currently selected channel.

## **SECTION 5 – DAILY MIN AND MAX TEMPERATURE**

- Display the daily minimum and maximum temperature of the currently selected outdoor channel.

## **ATOMIC TIME FUNCTION - WWVB RADIO CONTROLLED TIME**

The NIST (National Institute of Standards and Technology—Time and Frequency Division) WWVB radio station is located in Ft. Collins, Colorado, and transmits the exact time signal continuously throughout the United States at 60 kHz. The signal can be received up to 2,000 miles away through the internal antenna in the Wireless Weather Station. However, due to the nature of the Earth's Ionosphere, reception is very limited during daylight hours. The Wireless Weather Station will search for a signal every night when reception is best.

The WWVB radio station receives the time data from the NIST Atomic clock in Boulder, Colorado. A team of atomic physicists is continually measuring every second, of every day, to an accuracy of ten billionths of a second per day. These physicists have created an international standard,

measuring a second as 9,192,631,770 vibrations of a Cesium-133 atom in a vacuum. For more detail, visit <http://www.boulder.nist.gov/timefreq.htm>. To listen to the NIST time, call (303)499-7111. This number will connect you to an automated time, announced at the top of the minute in “Coordinated Universal Time”, which is also known as Greenwich Mean Time (GMT). This time does not follow Daylight Saving Time changes. After the top of the minute, a tone will sound for every second. It is possible that your Wireless Weather Station may not be exactly on the second due to the variance in the quartz. However, the clock will adjust the quartz timing over the course of several days to be very accurate; under 0.10 seconds per day.

### **MANUAL SETTINGS:**

The following manual settings can be done in the setting mode:

- LCD contrast setting
- Time zone setting
- Daylight saving time setting

- Time reception ON/OFF setting
- 12/24-Hour setting
- Manual time setting
- Calendar setting
- °F/ °C setting
- Weather forecasting icon sensitivity setting

Press the SET key to advance to the setting mode:

### LCD CONTRAST SETTING

10d 5 — flashing

The LCD contrast can be set to 8 different levels to suit the users' needs (default LCD contrast setting is LCD 4). To set the desired contrast level:

1. The above display will be seen. Press the + key to select the level of contrast desired.
2. Press the SET key to confirm and enter the **"Time Zone setting"** or exit the setting mode by pressing the CH key

#### TIME ZONE SETTING:

ES T — flashing

The time zone default is "EST -5". To set a different time zone:

1. The current time zone value starts flashing.
2. Use the + key to set the time zone. The range runs from -5, -6, -7 ...-12, 12, 11, 10... 0, -1, -2, -3, -4 hr, in consecutive 1-hour intervals.  
(The U.S. time zones are: -5hr(EST), -6hr(CST), -7hr(MST) and -8hr(PST), -9hr (ALA) and -10hr (HAW).)
3. Confirm with the *SET* key and enter the **Daylight Saving Time (DST) setting**.

#### DAYLIGHT SAVING TIME SETTING ON/ OFF

05:07 — flashing

1. The digit "DST ON" will start flashing on the LCD.
2. Use the + key to turn On or OFF the daylight saving time function.
3. Confirm with the SET key and enter the **"Time reception On/Off setting"** or exit the setting mode by pressing the CH key.

#### TIME RECEPTION ON/OFF SETTING



In area where reception of the Atomic time (WWVB time) is not possible, the time reception function can be turned OFF. The clock will then work as a normal Quartz clock. (Default setting is ON).

1. The digit "ON" and the time reception icon will start flashing on the LCD.
2. Use the + key to turn OFF the time reception function.
3. Confirm with the SET key and enter the "**12/24-Hour Display setting**" or exit the setting mode by pressing the CH key.

**Note:**

**If the Time Reception function is turned OFF manually, the clock will not attempt any reception of the Atomic time (WWVB time) as long as the Time Reception OFF function is activated. The Time Reception icon will not be displayed on the LCD.**

## 12/24 HOUR TIME DISPLAY SETTING

24h — flashing

1. After setting time reception ON/OFF, press the SET key, “12h” or “24h” flashes in the LCD. (default 12 h)
2. Press the + key to select the “12h” or “24h” display mode.
3. Press the SET again to confirm and to enter the “**Manual Time setting**” or exit the setting mode by pressing the CH key.

**Note:** When 24h mode display is selected, the calendar format will be date and month display.

When 12h mode display is selected, the calendar format will be month and date display.

### **MANUAL TIME SETTING**

In case the Weather Station is not able to detect the Atomic time (WWVB) signal (disturbances, transmitting distance, etc.), the time can be manually set. The clock will then work as a normal Quartz clock.



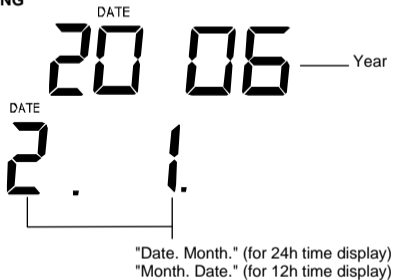
To set the clock:

1. The hour digits start flashing in the time display section.
2. Use the + key to adjust the hours and then press SET key to go to the minute setting.
3. The minute will be flashing. Press the + key to just the minutes.
4. Confirm with the SET key and enter the “**Calendar Setting**” or exit the setting mode by pressing the CH key

**Note:**

Daily WWVB reception (Atomic time) is attempted at full hour between 12:00 am to 6:00 am. If the reception is successful, there will no reception attempt until the following day. When this is successful, the received time will override the manually set time. The date is also updated with the received time.

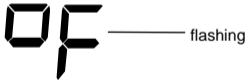
## CALENDAR SETTING



The date default of the Weather Station is 1. 1. of the year 2006 after initial set-up. Once the radio-controlled time signals are received, the date is automatically updated. However, if the signals are not received, the date can also be set manually. To do this:

1. Using the + key, set the year required. The range runs from 2003 to 2029 (default is 2006).
2. Press the SET key to enter the month setting mode.
3. The month digit will be flashing. Press the + key to set the month and then press the SET key to go to the date setting.
4. The date digit will be flashing. Press the + key to set the date.
5. Confirm with the SET key and enter the “**°F/°C TEMPERATURE UNIT SETTING**” or exit the setting mode by pressing the CH key.

## °F/°C TEMPERATURE UNIT SETTING

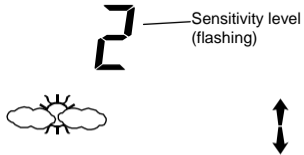


The default temperature reading is set to °F (degrees Fahrenheit). To select °C (degrees Celsius):

1. The “°F/ °C” will be flashing, use the + key to toggle between “°F” and “°C”.
2. Once the desired temperature unit has been chosen, confirm with the SET key and enter the “**Weather Forecast Icon Sensitivity setting**” or exit the setting mode by pressing the CH key.

## WEATHER FORECASTING ICON SENSITIVITY SETTING

For locations with rapid changes of weather conditions, the threshold can be set to a different level for faster display of changing weather conditions.













1. Using the + key to set the weather sensitivity level. There are 3 levels of setting: 2, 3 and 4. The value corresponds to the change of air pressure in (hPa) before the weather icon will switch to another state. Level 2 is the most sensitive setting, level 4 is the slowest recording setting (default setting is "3").
2. Confirm with the SET key and exit the **Manual settings**.






## **WEATHER FORECAST AND TENDENCY:**

### **The weather forecast icons (Oscar Outlook):**

One of the 15 different weather icons (featuring Oscar Outlook with different clothing) is displayed in the centre of LCD, which indicates the different forecast weather condition due to air pressure level (Sunny, Sunny + Cloudy or Cloudy + Rainy) and the current outdoor temperature (Temperature value detected by Channel 1):

	$\geq 78.8^{\circ}\text{F}$ ( $26^{\circ}\text{C}$ )	66.2 to $78.6^{\circ}\text{F}$ (19 to $25.9^{\circ}\text{C}$ )	50 to $66^{\circ}\text{F}$ (10 to $18.9^{\circ}\text{C}$ )	32 to $49.8^{\circ}\text{F}$ (0 to $9.9^{\circ}\text{C}$ )	$< 32^{\circ}\text{F}$ ( $0^{\circ}\text{C}$ )
Sunny					

	$\geq 78.8^{\circ}\text{F}$ ( $26^{\circ}\text{C}$ )	66.2 to $78.6^{\circ}\text{F}$ (19 to $25.9^{\circ}\text{C}$ )	50 to $66^{\circ}\text{F}$ (10 to $18.9^{\circ}\text{C}$ )	32 to $49.8^{\circ}\text{F}$ (0 to $9.9^{\circ}\text{C}$ )	$< 32^{\circ}\text{F}$ ( $0^{\circ}\text{C}$ )
<b>Sunny + Cloudy</b>					

	$\geq 78.8^{\circ}\text{F}$ ( $26^{\circ}\text{C}$ )	66.2 to 78.6 $^{\circ}\text{F}$ (19 to 25.9 $^{\circ}\text{C}$ )	50 to 66 $^{\circ}\text{F}$ (10 to 18.9 $^{\circ}\text{C}$ )	32 to 49.8 $^{\circ}\text{F}$ (0 to 9.9 $^{\circ}\text{C}$ )	$< 32^{\circ}\text{F}$ ( $0^{\circ}\text{C}$ )
<b>Cloudy + Rainy</b>					

**Note:**

After setting up, readings for weather forecasts should be disregarded for the next 48-60 hours. This will allow sufficient time for the Weather Station to collect air pressure data at a constant altitude and therefore result in a more accurate forecast.

Common to weather forecasting, absolute accuracy cannot be guaranteed. The weather forecasting feature is estimated to have an accuracy level of about 75% due to the varying areas the Weather Station has been designed for use in. In areas that experience sudden changes in weather (for example from sunny to rain), the Weather Station will be more accurate compared to use in areas where the weather is stagnant most of the time (for example mostly sunny).

If the Weather Station is moved to another location significantly higher or lower than its initial standing point (for example from the ground floor to the upper floors of a house), remove the batteries and re-insert them after about 30 seconds. By doing this, the Weather Station will not

mistake the new location as being a possible change in air-pressure when really it is due to the slight change of altitude. Again, disregard weather forecasts for the next 48 to 60 hours as this will allow time for operation at a constant altitude.

### **THE WEATHER TENDENCY INDICATOR**

Working together with the weather icons are the weather tendency indicators (the upward and downward arrow located near Oscar Outlook). When the indicator points upwards, it means that the air-pressure is increasing and the weather is expected to improve, but when indicator points downwards, the air-pressure is dropping and the weather is expected to become worse.

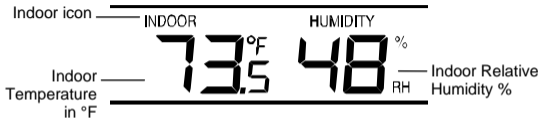
Therefore, user may see how the weather has changed and is expected to change. For example, if the indicator is pointing downwards together with cloudy icons, it means that the last noticeable change in the weather was when it was sunny (the sunny icon only). Therefore, the next change in the weather will be the cloudy icons since the indicator is pointing downwards.

**Note:**

Once the weather tendency indicator has registered a change in air pressure, it will remain permanently visualized on the LCD.

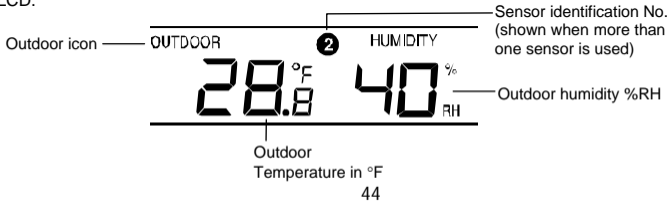
**DISPLAY OF INDOOR TEMPERATURE AND HUMIDITY READING:**

The indoor temperature and humidity are measured and displayed on the second section of the LCD.



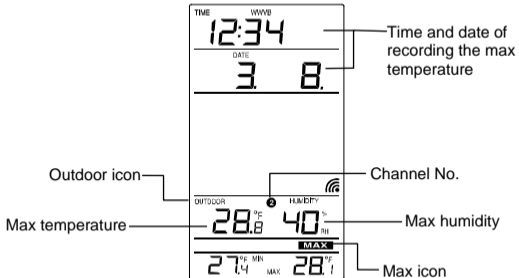
### DISPLAY OF OUTDOOR TEMPERATURE AND HUMIDITY READING:

The outdoor temperature and humidity are measured and displayed on the fourth section of the LCD.



### **DISPLAY OF OUTDOOR MINIMUM AND MAXIMUM RECORDS:**

1. In normal display mode, press the CH button to select the desired channel. The channel ID will be displayed near the outdoor temperature reading.
2. Press the MIN/MAX button once, the max temperature and humidity of the selected channel will be displayed. Also the time and date of recording this data will be displayed:



3. By pressing MIN/MAX button once more, the min temperature and humidity of the selected channel will be shown. Also the time and date of recording this data will be displayed.
4. Press one more time the MIN/ MAX button to advance to the indoor MIN/MAX temperature and humidity display.

## **RESETTING THE OUTDOOR MINIMUM /MAXIMUM RECORDS**

### **Note:**

- It is required to reset the outdoor MIN/MAX records of different channels separately.
  - The outdoor MIN and MAX records are to be reset separately.
1. In normal display mode, press the CH button to select a channel. The channel Identification No. (channel No.) will be displayed above the outdoor temperature reading.

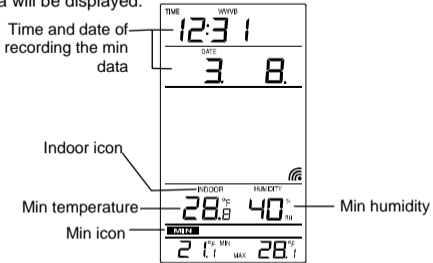
**Note: The sensor number will only be displayed if more than one sensor is applied.**

2. Press the MIN/ MAX button once. The "max" icon will be displayed.
3. Press the SET button, this will reset the outdoor maximum temperature and humidity record to the current value.
4. Press MIN/ MAX button once more to show the minimum data. The "min" icon will be displayed.
5. Press the SET button, this will reset the outdoor minimum temperature and humidity record to the current value.
6. Press three more times the MIN/MAX key to return to the normal display.

#### **DISPLAY OF INDOOR MINIMUM AND MAXIMUM RECORDS:**

1. In normal display mode, press the MIN/ MAX button three times. The maximum indoor temperature and humidity will be shown in the bottom section of LCD. Also the time and date of recording the data will be displayed.

2. Then press the MIN/MAX button one more time, the minimum indoor temperature and humidity will be shown at the bottom section of LCD. Also the time and date of recording the data will be displayed:



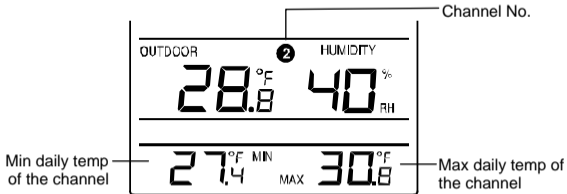
3. Press one more time the MIN/ MAX button to go back to the normal display.

### **RESETTING THE INDOOR MINIMUM /MAXIMUM RECORDS**

1. In normal display mode, press the MIN/ MAX button three times to advance to the indoor Max display.
2. Press the SET key once, this will reset the currently shown indoor maximum temperature and humidity to the current time, date, temperature and humidity.
3. Press the MIN/ MAX button one more time to advance to the indoor Min display.
4. Press the SET key once, this will reset the currently shown indoor minimum temperature and humidity to the current time, date, temperature and humidity.
5. Press the MIN/MAX button once more to return to the normal display.

## DAILY MINIMUM AND MAXIMUM OUTDOOR TEMPERATURE DISPLAY

This Weather Station will display the daily minimum and maximum outdoor temperature for each outdoor channel, at the bottom of the LCD, in normal display.



To view the daily minimum and maximum temperature of another channel, user shall press the CH key in normal display.

**Note:**

The daily minimum temperature record is reset automatically at 8:00 pm and the daily maximum temperature is reset automatically at 8:00 am every day.

**915 MHz RECEPTION**

The Weather Station should receive the temperature data within 15 minutes after set-up. If the temperature data is not received 15 minutes after setting up (not successfully continuously, the outdoor display shows “- - -” ), please check the following points:

1. The distance of the Weather Station or sensor should be at least 5 to 6.5 feet (1.5 to 2 meters) away from any interfering sources such as computer monitors or TV sets.
2. Avoid positioning the Weather Station onto or in the immediate proximity of metal window frames.

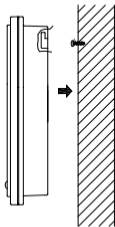
3. Using other electrical products such as headphones or speakers operating on the same signal frequency (915MHz) may prevent correct signal transmission and reception.
4. Neighbors using electrical devices operating on the 915MHz signal frequency can also cause interference.

**Note:**

When the 915MHz signal is received correctly, do not re-open the battery cover of either the sensor or Weather Station, as the batteries may spring free from the contacts and force a false reset. Should this happen accidentally then reset all units (see **Setting up** above) otherwise transmission problems may occur.

The transmission range is about 330 feet (100 m) from the sensor to the Weather Station (in open space). However, this depends on the surrounding environment and interference levels. If no reception is possible despite the observation of these factors, all system units have to be reset (see **Setting up**).

## MOUNTING POSITIONING THE WEATHER STATION:



The Weather Station may be hung onto wall easily or free standing.

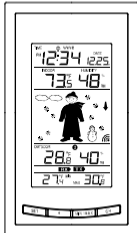
### To wall mount

Choose a sheltered place. Avoid direct rain and sunshine.

Before wall mounting, please check that the outdoor temperature values can be received from the desired locations.

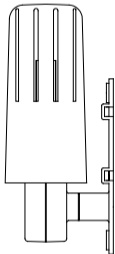
1. Fix a screw (not supplied) into the desired wall, leaving the head extended out the by about 5mm.
2. Remove the stand from the Weather Station by pulling it away from the base and hang the station onto the screw. Remember to ensure that it locks into place before releasing.

## Free standing



With the foldout stand, the Weather Station can be placed onto any flat surface.

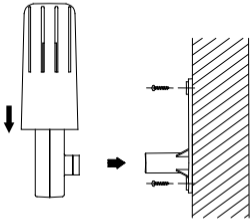
## POSITIONING THE THERMO-HYGRO SENSOR:



The sensor is supplied with a holder that may be attached to a wall with the two screws supplied. The sensor can also be position on a flat surface by securing the stand to the bottom to the sensor.

**To wall mount:**

1. Secure the bracket onto a desired wall using the screws and plastic anchors.
2. Clip the remote thermo-hygro sensor onto the bracket.



**Note:**

Before permanently fixing the sensor wall base, place all units in the desired locations to check that the outdoor temperature reading is receivable. In event that the signal is not received, relocate the sensors or move them slightly as this may help the signal reception.

## **CARE AND MAINTENANCE:**

- Extreme temperatures, vibration and shock should be avoided as these may cause damage to the unit and give inaccurate forecasts and readings.
- When cleaning the display and casings, use a soft damp cloth only. Do not use solvents or scouring agents as they may mark the LCD and casings.
- Do not submerge the unit in water.
- Immediately remove all low powered batteries to avoid leakage and damage. Replace only with new batteries of the recommended type.
- Do not make any repair attempts to the unit. Return them to their original point of purchase for repair by a qualified engineer. Opening and tampering with the unit may invalidate its guarantee.
- Do not expose the units to extreme and sudden temperature changes, this may lead to rapid changes in forecasts and readings and thereby reduce their accuracy.

## **SPECIFICATIONS:**

Temperature measuring range:

Indoor : 14.1°F to +139.8°F with 0.2°F resolution  
(-9.9°C to +59.9°C with 0.1°C resolution,  
"OF.L" displayed if outside this range)

Outdoor : -39.8°F to +139.8°F with 0.2°F resolution  
(-39.9°C to +59.9°C with 0.1°C resolution,  
"OF.L" displayed if outside this range)

Relative humidity measuring range:

Indoor : 1% to 99% with 1% resolution (displays "- -" when lower  
than 1 %; displays "99" % if higher than 99 %)

Outdoor : 1% to 99% with 1% resolution (displays "1" when lower  
than 1 %; displays "99" % if higher than 99 %)

Indoor temperature checking interval : every 15 seconds  
Indoor humidity checking interval : every 20 seconds  
Outdoor data reception : every 4 seconds

Power supply:

Weather Station : 2 x AA, IEC, LR6, 1.5V  
Thermo-hygro Sensor : 2 x AA, IEC, LR6, 1.5V

Battery life cycle (Alkaline batteries recommended)

Weather Station : Approximately 12 months  
Thermo-hygro Sensor : Approximately 12 months

Dimensions (L x W x H)

Weather Station : 3.18" x 1.22" x 5.64" (80.8 x 30.9 x 143.2 mm)  
Thermo-hygro Sensor : 5.34" x 2.26" x 2.24" (135.6 x 57.3x 62 mm)

## **WARRANTY**

La Crosse Technology, Ltd provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship.

This limited warranty begins on the original date of purchase, is valid only on products purchased and used in North America and only to the original purchaser of this product. To receive warranty service, the purchaser must contact La Crosse Technology, Ltd for problem determination and service procedures. Warranty service can only be performed by a La Crosse Technology, Ltd authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to La Crosse Technology, Ltd or La Crosse Technology, Ltd's authorized service center.

La Crosse Technology, Ltd will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of

La Crosse Technology, Ltd and must be returned to La Crosse Technology, Ltd. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer. La Crosse Technology, Ltd will pay all expenses for labor and materials for all repairs covered by this warranty. If necessary repairs are not covered by this warranty, or if a product is examined which is not in need or repair, you will be charged for the repairs or examination. The owner must pay any shipping charges incurred in getting your La Crosse Technology, Ltd product to a La Crosse Technology, Ltd authorized service center. La Crosse Technology, Ltd will pay ground return shipping charges to the owner of the product to a USA address only.

Your La Crosse Technology, Ltd warranty covers all defects in material and workmanship with the following specified exceptions: (1) damage caused by accident, unreasonable use or neglect (including the lack of reasonable and necessary maintenance); (2) damage occurring during shipment (claims must be presented to the carrier); (3) damage to, or deterioration of, any accessory or decorative surface; (4) damage resulting from failure to follow instructions contained in your owner's manual; (5) damage resulting from the performance of repairs or alterations by

someone other than an authorized La Crosse Technology, Ltd authorized service center; (6) units used for other than home use (7) applications and uses that this product was not intended or (8) the products inability to receive a signal due to any source of interference.. This warranty covers only actual defects within the product itself, and does not cover the cost of installation or removal from a fixed installation, normal set-up or adjustments, claims based on misrepresentation by the seller or performance variations resulting from installation-related circumstances.

LA CROSSE TECHNOLOGY, LTD WILL NOT ASSUME LIABILITY FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR OTHER SIMILAR DAMAGES ASSOCIATED WITH THE OPERATION OR MALFUNCTION OF THIS PRODUCT. THIS PRODUCT IS NOT TO BE USED FOR MEDICAL PURPOSES OR FOR PUBLIC INFORMATION. THIS PRODUCT IS NOT A TOY. KEEP OUT OF CHILDREN'S REACH.

This warranty gives you specific legal rights. You may also have other rights specific to your State. Some States do not allow the exclusion of consequential or incidental damages therefore

the above exclusion of limitation may not apply to you.

For warranty work, technical support, or information contact:

La Crosse Technology, Ltd  
2817 Losey Blvd. S.  
La Crosse, WI 54601  
Phone: 608.782.1610  
Fax: 608.796.1020

Customer Support Online:  
[www.lacrossetechnology.com/support](http://www.lacrossetechnology.com/support)

Question? Instructions? Please visit:  
[www.lacrossetechnology.com/9625](http://www.lacrossetechnology.com/9625)

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