

WIRELESS WEATHER STATION WITH ADVANCED FORECAST ICON

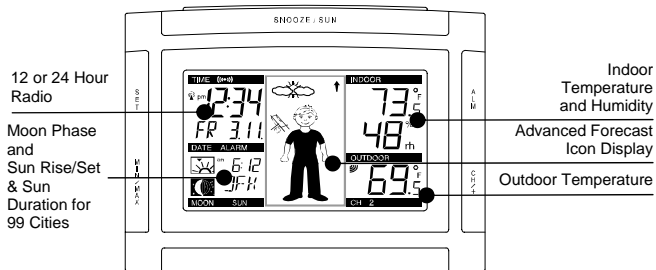
Instruction Manual

Thank You and ***Congratulations*** on selecting a La Crosse Technology Wireless Weather Station! We are positive you will enjoy the benefits of accurate weather readings and the precise, radio-controlled time information that our instruments offer. La Crosse Technology introduced radio controlled clocks to the US market in 1991, and continues to be on the cutting-edge of this technology in America.

This manual will guide you step-by-step through setting up your La Crosse Technology device. Use this manual to become familiar with your wireless weather station and save it for future reference

FEATURES:

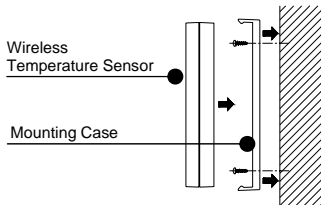
The Weather clock



FEATURES:

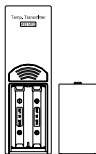
- WWVB Radio-controlled time with manual setting option
- Time reception ON/OFF (user selectable)
- 12/24-hour time display
- Automatic daylight saving time (DST) updating
- DST ON/OFF (daylight saving time)
- Time zone option ± 12 hours
- Year, month, date, weekday calendar display
- Crescendo alarm with snooze function
- Advanced Weather Forecast Icons with 15 combinations of weather icons
- Weather tendency indicator
- Temperature display with MIN/MAX records and time and date of reception
- Indoor and outdoor temperature display in $^{\circ}\text{F}$ or $^{\circ}\text{C}$
- Indoor humidity data display as RH% with MIN/MAX records
- Can receive up to 3 remote temperature/humidity sensors
- Sun rise and sun set for 99 selected US and Canada cities
- Moon phase
- LCD contrast selectable
- LED backlight
- Low battery indicator
- Wall hanging or table standing

The Wireless Temperature Sensor (TX6U)



- Wireless transmission of outdoor temperature to your wireless weather station by 433 MHz
- Rain proof casing
- Wall mounting case

TO INSTALL AND REPLACE BATTERIES IN THE WIRELESS TEMPERATURE SENSOR



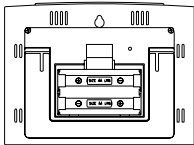
The wireless temperature sensor uses 2 "AA" Alkaline Batteries. To install and replace the batteries, please follow the steps below:

1. Remove the battery cover.
2. Insert the batteries, observing the correct polarity (see marking).
3. Replace the battery cover on the unit.

Note: In the event of changing batteries in any of the units, all units need to be reset by following the set-up procedures. This is due to a random security code assigned by the wireless temperature sensor at start-up. This code must be received and stored by the wireless weather station in the first 3 minutes of power being supplied to the wireless temperature sensor.

TO INSTALL AND REPLACE BATTERIES IN THE WIRELESS WEATHER STATION

The wireless weather station uses 2 “AA” Alkaline Batteries. To install and replace the batteries, please follow the steps below:



1. Push down on the top center of the battery cover and pull away from the unit to remove the cover.
2. Insert batteries observing the correct polarity (see marking).
3. Replace compartment cover.

BATTERY CHANGE:

It is recommended to replace the batteries in all units on an annual basis to ensure optimum accuracy of these units.



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

SETTING UP

1. First, insert the batteries into the wireless temperature sensor (see **"To install and replace batteries in the wireless temperature sensor"**)
2. Within 4 minutes of activating the wireless temperature sensor, insert the batteries into the wireless weather station (see **"To install and replace batteries in the wireless weather station"**). Once the batteries are in place, all segments of the LCD will light up briefly and a short signal tone will sound. If the indoor temperature and indoor humidity are not displayed after 15 seconds, remove the batteries and wait for at least 3 minutes before reinserting them. Once the indoor data is displayed proceed to step 3.
3. After inserting the batteries into the wireless temperature sensor, the wireless weather station will start receiving data from the temperature sensor. The outdoor temperature should then be displayed on the wireless 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. The wireless weather station can receive up to 3 temperature sensors. If you have purchased additional temperature sensors, repeat from step 1 for all extra temperature sensors. However, ensure that you leave 10 seconds in between the reception of the last temperature sensor and the set-up of the following temperature sensor. The wireless weather station will number the temperature

- sensors in the order of set-up, i.e. the first temperature sensor will have the temperature displayed with the number 1 against it and so on.
5. With less than 3 temperature sensors received, the wireless weather station will try to pick up the remaining one in approximately another 3 minutes. If 3 temperature sensors are received, the wireless weather station will stop further reception.
 6. Once the outdoor temperature has been received and displayed on the wireless weather station, the WWVB time code reception is automatically started. This takes typically between 6-8 minutes in good conditions.
 7. If after 10 minutes, the WWVB time has not been received, use the *SET* key to manually enter a time initially. The clock will automatically attempt to receive the WWVB time from 12:00 to 6:00 a.m. for a successful reception. When WWVB reception signal is successful, the received time will override the manually set time. The date is also updated with the received time. The next reception attempt will occur on the following day. (Please refer to notes on “**About WWVB Radio controlled Time**” and “**Manual Time Setting**”).

Your wireless weather station is now operational!

RESETTING WIRELESS WEATHER STATION

The wireless weather station and the wireless temperature sensor need to be reset when one of the following conditions occur:

- Unsuccessful 433MHz signal reception of the wireless temperature sensor.
- Malfunction of the units.
- Batteries need replacement.

In order to establish proper communication between the display and outdoor sensor it is important that they be set up as follows:

1. Bring any units outside, inside and place all units 3-5 feet apart with nothing in-between them.
2. Remove batteries from all units.
3. Press any of the buttons on the display at least 10 times to clear the memory. Verify that the display is blank before proceeding.
4. Using good quality alkaline batteries, place the batteries back into the wireless temperature sensor(s); making sure that they are installed according to the diagrams in the battery compartment.
5. Taking care not to press any buttons, re-install the batteries in the weather station according to the diagram in the battery compartment.
6. Do not press any buttons for at least 15 minutes after installing the batteries. (This is to let them establish a good connection.)

ABOUT 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 weather projection station. However, due to the nature of the Earth's Ionosphere, reception is very limited

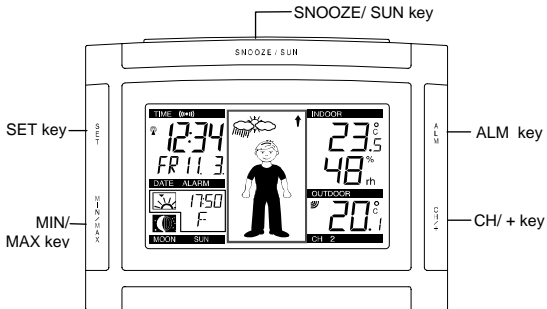
during daylight hours. The wireless weather station will search for a signal every night when reception is best.

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.

FUNCTION KEYS:

Weather clock:

The Weather clock has five easy to use function keys.



SET key (Setting):

- Toggle between month, day, & year; weekday, month, & day; seconds; & alarm time
- Press and hold to enter manual setting modes: LCD contrast, time zone, daylight saving time ON/OFF, time reception ON/OFF, 12/24 hour display, manual time setting, calendar setting, sun rise/set city selection, snooze function, temperature °F or °C, and weather icon sensitivity setting
- Reset MIN/MAX values (channels 1, 2, & 3)
- Stop the alarm during alarm ringing
- Stop snooze mode
- Back-light on

CH/ + key

- Increase value in all setting modes
- Stop the alarm during alarm ringing
- Press and release to toggle between the outdoor sensor 1, 2 and 3 (if more than 1 sensor is used)
- Stop snooze mode
- Backlight on

ALM key (alarm)

- Enter/exit the alarm setting mode
- Active/de-active the alarm time (even inside snooze mode)

- Stop the alarm during alarm ringing
- Backlight on

MIN/ MAX

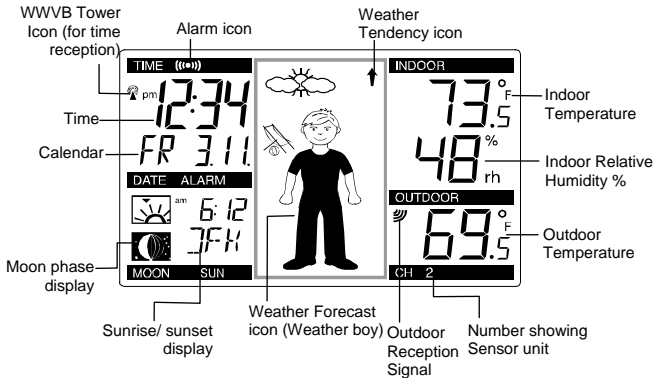
- Press and release to toggle between MIN/MAX and current temperature/humidity values for selected outdoor temperature channel
- Stop the alarm during alarm ringing
- Stop snooze mode
- Backlight on

SNOOZE/ SUN key

- Active/de-active snooze function
- Exit the setting modes
- Toggles between sun rise time (sun icon with arrow pointing up), sun set time (sun icon with arrow pointing down), and sun duration (sun icon with arrows pointing up and down)
- To switch on the backlight

LCD SCREEN AND SETTINGS:

For better distinctness the LCD screen is split into 5 sections displaying the information for time, date, weather forecast, indoors and outdoors.



MANUAL SETTINGS:

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

- LCD contrast setting
- Time zone setting
- Daylight Saving Time (DST) ON/OFF
- Time reception ON/OFF setting
- 12/24-Hour setting
- Manual time setting
- Calendar setting (Year, Day, & Month)
- Sunrise/ Sunset city location
- Snooze setting
- °F/°C setting
- Weather forecasting icon sensitivity setting

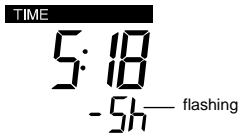
LCD CONTRAST SETTING

The LCD contrast can be set within 8 levels, from LCD 0 to LCD7 (Default setting is LCD 5):



1. Press and hold the *SET* key until the digit starts flashing.
2. Use the *CH/+* key to view all levels of contrast.
3. Select the desired LCD contrast. Confirm with the *SET* key and enter in the **Time Zone setting.**

TIME ZONE SETTING:

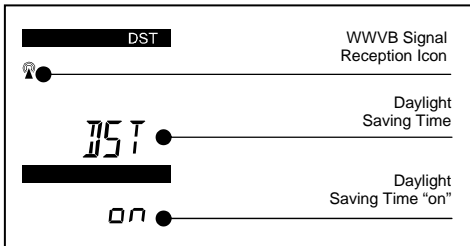


The time zone default of the wireless weather station is *EST -5*. To set a different time zone:

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

DAYLIGHT SAVING TIME (DST) ON/OFF SETTING

Note: The DST default is "ON", meaning that the received time will automatically be adjusted according to Daylight Saving Time in the spring and fall. For areas that do not recognize DST changes (Arizona and parts of Indiana) turn the DST "OFF".

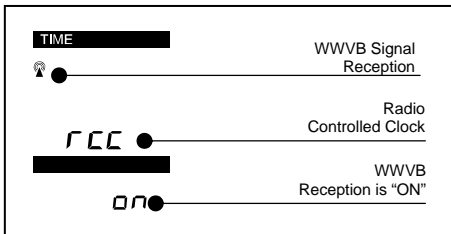


The default is *ON* for the daylight saving time setting

1. *DST* starts flashing in the top left black bar flashing in the bottom left section above the city selection.
2. Use the *CH/+* key to toggle between and select *on* or *off*.
3. Confirm selection with the *SET* key and enter the **Radio Controlled Time Reception ON/OFF Setting**.

TIME RECEPTION ON/OFF SETTING

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



1. *ON* will start flashing on the LCD.
2. Use the *CH/+* key to turn OFF the time reception function.
3. Confirm with the *SET* key and enter the **12/24-HOUR setting**.

Note:

If the Time Reception function is turned OFF manually, the clock will not attempt any reception of the WWVB time as long as the Time Reception OFF function is activated.

The Time Reception and the “WWVB” icons will not be displayed on the LCD.

12/24 HOUR TIME DISPLAY SETTING

TIME

12h — flashing

The hour display can be selected to show hours in 12-hour or 24-hour settings. (Default 12-Hour).

1. Use the *CH/+* key to toggle between *12H* or *24H*
2. Confirm with the *SET* key and enter the **Manual time setting**.

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 wireless weather station cannot detect the WWVB-signal (for example due to disturbances, transmitting distance, etc.), the time can be manually set. The clock will then work as a normal Quartz clock.



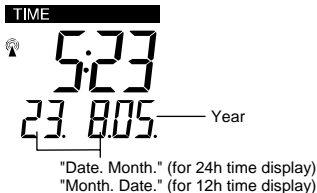
1. The hour digit will start flashing.
2. Use the *CH/+* key to set the hour.
3. Press again the *SET* key to set the minutes. The minute digits start flashing.
4. Use the *CH/+* key to set the minutes.
5. Confirm with the *SET* key and enter the **Calendar setting**.

Note:

The unit will still try to receive the signal between 12:00 to 6:00 a.m. every day even if the time has been manually set and if the WWVB time reception function has been set ON. When it does receive the signal, it will change the manually set time into the received time. During reception attempts the WWVB tower icon will flash. If reception has been unsuccessful, then the WWVB tower icon will not appear but reception will still be attempted the following hour.

CALENDAR SETTING

The date default of the wireless weather station is 1. 1. in the year 2005. 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:

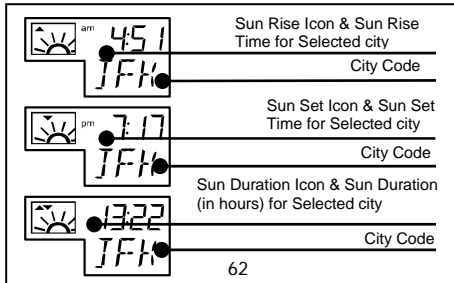


1. The year starts flashing.

2. Press the *SET* key again to confirm and to enter the month setting. The month starts flashing.
3. Use the *CH/+* key to set the month.
4. Press the *SET* key again to confirm and to enter the date setting mode. The date starts flashing.
5. Use the *CH/+* key to set the date.
6. Confirm all calendar settings with the *SET* key and enter the **City Setting for Sun rise/ Sun set/ Sun duration**.

SUNRISE, SUNSET AND SUN DURATION

The Sun Clock will automatically calculate the sunrise, sunset and sun duration time based on the city location and the set date. (see “Sun setting”).



1. The city abbreviation starts flashing.
2. Use the *CH/+* key to toggle through the 99 cities and select city closest to your location.
3. Press the *SET* key to confirm selection and enter the **Snooze Setting**.

Code	City, State	Code	City, State	Code	City, State
Alabama		Kentucky		Oklahoma	
MGM	Montgomery	LEX	Lexington	OKC	Oklahoma City
MOB	Mobile	Louisiana		TUL	Tulsa
Arkansas		NEW	New Orleans	Oregon	
LIT	Little Rock	SHV	Shreveport	MFR	Medford
Arizona		Massachusetts		PDX	Portland
PHX	Phoenix	BOS	Boston	Pennsylvania	
California		Maine		CXY	Harrisburg
FAT	Fresno	AUG	Augusta	PIT	Pittsburgh
LAX	Los Angeles	CAR	Caribou	SCR	Scranton
ROD	Redding	Michigan		South Carolina	
SAN	San Diego	DET	Detroit	CHS	Charleston
SFO	San Francisco	PZQ	Rogers city	CUB	Columbia
Colorado		Minnesota		South Dakota	
DEN	Denver	DLH	Duluth	FSD	Sioux Falls

DRO	Durango	INL	International Falls	RAP	Rapid City
GJT	Grand Junction	Missouri		Tennessee	
PUB	Pueblo	JEF	Jefferson City	MEM	Memphis
District of Columbia		Mississippi		BNA	Nashville
DCA	Washington D.C.	JAN	Jackson	DKX	Knoxville
Florida		Montana		Texas	
JAX	Jacksonville	BIL	Billings	AMA	Amarillo
MIA	Miami	HLN	Helena	AIN	Austin
ORL	Orlando	North Carolina		BRO	Brownsville
TLH	Tallahassee	CLT	Charlotte	DFW	Dallas/Ft. Worth
TPA	Tampa	RDU	Raleigh	ELP	El Paso
Georgia		North Dakota		HOU	Houston
ATL	Atlanta	BIS	Bismarck	ODO	Odessa
Hawaii		FAR	Fargo	SAT	San Antonio
HNL	Honolulu	Nebraska		Utah	
Iowa		LNK	Lincoln	SLC	Salt Lake City
DSM	Des Moines	SNY	Sidney	Virginia	
DVN	Davenport	New Hampshire		LYH	Lynchburg

Idaho BOI Boise	CON Concord	ORF Norfolk
Illinois ORD Chicago SPI Springfield	New Jersey TTN Trenton	Vermont BTV Burlington
	New Mexico ABQ Albuquerque	Washington SEA Seattle SFF Spokane
Indiana EVV Evansville IND Indianapolis	Nevada LAS Las Vegas RNO Reno	West Virginia CRW Charleston
		Wisconsin GRB Green Bay LSE La Crosse
Kansas DDC Dodge City K32 Wichita TOP Topeka	New York BUF Buffalo JFK New York City SYR Syracuse	West Virginia CRW Charleston
	Ohio CLE Cleveland CMH Columbus	Wyoming CPR Casper

CANADA CITY LIST					
Code	City	Code	City	Code	City
ALB	Calgary	OTT	Ottawa	QUE	Quebec
VAN	Vancouver	WIN	Winnipeg	TOR	Toronto

SNOOZE SETTING:

The snooze time can be set from *OFF* to a maximum time of 30 minutes (default is 10 minutes):



1. Use the *CH/+* key to set the snooze time. Each pressing of the key will increase the snooze time by 5 minutes. The snooze can also be set *OFF* when the *OFF* digit is being displayed.
2. Confirm with the *SET* key and enter the **Temperature setting**.

Note: If the snooze time has been set *OFF*, the snooze function will not be activated.

°F/°C TEMPERATURE UNIT SETTING

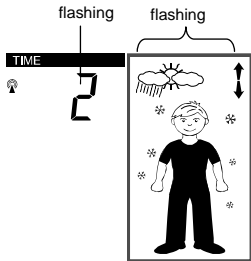
The temperature display can be selected to show temperature data in °F or °C (Default °F):



1. Use the *CH/+* key to toggle between °F or °C.
2. Confirm with the *SET* key and enter the **Weather forecasting icon sensitivity setting**.

WEATHER FORECASTING ICON SENSITIVITY SETTING

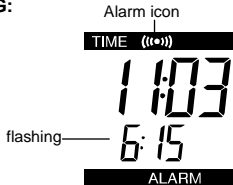
For locations with rapid changes of weather conditions, the weather icons can be set to a different level for faster display of weather conditions.



1. The current sensitivity value will start flashing

2. Use the *CH/+* key to set the weather sensitivity level. There are 3 levels of setting: 1, 2 and 3; level 1 is the most sensitive setting; level 3 is the slowest recording setting (default setting is 2).
3. Confirm with the *SET* key and exit the **Manual settings**.

ALARM SETTING:



The alarm time can be set when pressing the *ALM* key:

1. Press the *ALM* key until the alarm hour digits flash.
2. Use the *CH/+* key to set the alarm hour.
3. Press the *ALM* key again so the minute digits flash.
4. Use the *CH/+* key to set the alarm minutes.
5. Confirm with the *ALM* key, or *SNOOZE* key and exit the **Alarm setting**.

Note:

The maximum alarm ring duration is 2 minutes. The alarm setting can be activated or deactivated manually by pressing the *ALM* key. The alarm icon will be displayed on the LCD if the setting is activated

SNOOZE SETTING AND STOPPING THE ALARM:

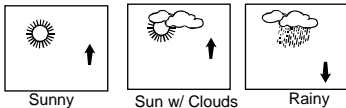
The snooze function can be activated when the alarm is ringing by pressing the *SNOOZE* key. However the snooze will only be activated when the snooze time is set other than *OFF* in snooze setting.

When the alarm is snoozing, the alarm icon will start flashing indicating that the alarm is active but is in Snooze mode. To stop the snooze function when it is in snooze period, press and release any of the *SET*, *MIN/MAX*, or *CH/+* keys.

To turn the alarm on and off, press and release the *ALM* key. The alarm icon will appear when the alarm is activated and won't show when the alarm is deactivated

WEATHER FORECAST ICONS:

The weather forecast can be displayed as follow:



Note: After initial set up, allow 48-60 hours for your Wireless Weather Station to acclimate to the local pressure.

For every sudden or significant change in the air pressure, the weather icons will update accordingly to represent the change in weather. If the icons do not change, then it means either the air pressure has not changed or the change has been too slow for the wireless weather station to register. However, if the icon displayed is a sun or raining cloud, there will be no change of icon if the weather gets any better (with sunny icon) or worse (with rainy icon) since the icons are already at their extremes.

The icons displayed forecasts the weather in terms of getting better or worse and not necessarily sunny or rainy as each icon indicates. For example, if the current weather is cloudy and the rainy icon is displayed, it does not mean that the product is faulty because it is not raining. It simply means that the air pressure has dropped and the weather is expected to get worse but not necessarily rainy.

Note:

After setting up, readings for weather forecasts should be disregarded for the next 12-24 hours. This will allow sufficient time for the wireless 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 wireless weather station has been designed for use. In areas that experience sudden changes in weather (for example from sunny to rain), the wireless

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 wireless 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), discard the weather forecast for the next 12-24 hours. By doing this, the wireless 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.

Working together with the weather icons is the weather tendency indicators (located on the right side of the weather icons). 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.

Taking this into account, one can see how the weather has changed and is expected to change. For example, if the indicator is pointing downwards together with cloud and sun icons, then the last noticeable change in the weather was when it was sunny (the sun icon only). Therefore, the next change in the weather will be cloud with rain 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.

ADVANCED FORECAST ICONS:

A total of 15 Advanced Forecast icon combinations can be displayed depending on outdoor temperature and air pressure recorded **from outdoor sensor 1 only**.

The Wireless Weather Station will display 15 unique Advanced Forecast Icons depending upon outdoor temperature and recorded air pressure

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

THE MOON PHASE

The Moon icon of the Weather clock will also display 12 different Moon phases according to the set calendar.

Note: In the southern hemisphere, the phases of the moon are same but the shape of the moon is mirror inverted.



Full Moon



Large Waning Gibbous



Small Waning Gibbous



Last Quarter



Large Waning Crescent



Small Waning Crescent



New Moon



Small Waxing Crescent



Large Waxing Crescent



First Quarter



Small Waxing Gibbous

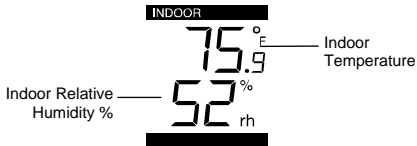


Large Waxing Gibbous

The moon phase for any date may be found by selecting a different date through the sun rise/set moon rise/set programming section.

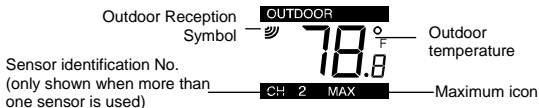
DISPLAY OF INDOOR TEMPERATURE AND HUMIDITY READING:

The indoor temperature and humidity data are automatically updated and displayed on the fourth section of the LCD.



CH MIN — Minimum icon

DISPLAY OF OUTDOOR TEMPERATURE:



The last LCD section shows the outdoor temperature, a reception symbol and a channel number under the temperature will also show if more than one sensor has been used.

TOGGLING AND RESETTING THE MIN/MAX READINGS:

1. To toggle between the MIN/MAX data for indoor temperature and humidity and outdoor temperature press and release the *MIN/MAX* key.
Once to show the MAX outdoor temperature data with the recorded time and date
Twice to show the MIN outdoor temperature data with the recorded time and date
Three times to show the MAX indoor temperature and humidity data with the recorded time and date
Four times to show the MIN indoor temperature and humidity data with the recorded time and date
A five times to return to normal display with current data.
2. To reset any MIN or MAX data, press and hold the *SET* key for about 4 seconds. This will reset the currently displayed MIN or MAX recorded data to the current temperature and humidity readings.

Note: It is required to reset the outdoor MIN/MAX temperature records of different channels separately (if there are more than 1 wireless sensor used). In normal display mode, press the CH/ + button to select a channel. The channel ID will be displayed above the outdoor temperature reading.

TO EXIT THE MANUAL SETTING MODE

To exit the manual setting mode anytime during the manual setting modes, press the **SNOOZE** key anytime or wait for automatic timeout. The mode will return to normal time display.

LED BACKLIGHT

The backlight is automatically switched ON when any keys are pressed. The backlight will be switched on for approximately 10 seconds before automatically switching OFF.

ABOUT THE OUTDOOR WIRELESS TEMPERATURE SENSOR

The range of the temperature sensor may be affected by the temperature. At cold temperatures the transmitting distance may be decreased. Please bear this in mind when positioning the sensor. The battery life may be reduced as well at cold temperatures.

CHECKING FOR 433MHz RECEPTION

If the outdoor temperature data is not being received within 3 minutes after setting up (the display shows "- . - °F" and "- -%" on the outdoor section of the wireless weather station after 3 attempts during normal operation), please check the following items:

1. The distance of the Weather clock or sensor should be at least 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 (433MHz) may prevent correct signal transmission and reception.
4. Neighbors using electrical devices operating on the 433MHz signal frequency can also cause interference.

Note:

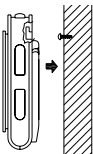
When the 433 MHz-signal is received correctly, do not re-open the battery cover of either the temperature sensor or wireless weather station, as the batteries may spring free from the contacts and force a false reset. Should this happen accidentally then reset all units (see “**Setting up**” above) otherwise transmission problems may occur.

The transmission range is approximately 330 feet (100 meters) from the temperature sensor to the wireless 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**” above).

POSITIONING

WEATHER CLOCK:

The Weather clock comes complete with a foldout stand that gives the option of table standing or wall mounting.

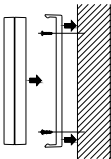
**To wall mount:**

1. Fix a screw into the desired wall, leaving the head extended out the by about 5mm.
2. Using the Weather clock's hanging hole, carefully hang it onto the screw.

Note: Always ensures that the unit locks onto the screw head before releasing.

POSITIONING THE WIRELESS TEMPERATURE SENSOR:

Each sensor is supplied with 2 wall mounting screws and plastic anchors. To wall mount simply.

**To wall mount:**

1. Secure the wall base onto a desired wall using the screws and plastic anchors.
2. Clip the 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 their 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 | : | 14.2°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 | : | -21.8°F to +157.8°F with 0.2°F resolution
(-29.9°C to +69.9°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 %)

Indoor temperature checking interval : every 15 seconds

Indoor humidity checking interval : every 20 seconds

Outdoor temperature reception : every 5 minutes

Transmission range : up to 330 feet (100 meters)

Power consumption:

Wireless Weather Station : 2 x AA, IEC, LR6, 1.5V

Wireless Temperature Sensor : 2 x AA, IEC, LR6, 1.5V

Battery life cycle : Approximately 12 months (Alkaline batteries recommended)

Dimensions (H x L x D)

Wireless Weather Station : 3.5 x 5 x 1.2 inches (92.5 x 124.3 x 28.4 mm)

Wireless Temperature Sensor : 5 x 1.5 x 1 inches (128 x 40 x 22 mm)

LIABILITY DISCLAIMER

- The manufacturer and supplier cannot accept any responsibility for any incorrect readings and any consequences that occur should an inaccurate reading take place.
- This product is not to be used for medical purposes or for public information.

- This product is only designed to be used in the home as indication of the future weather and is not 100% accurate. Weather forecasts given by this product should be taken only as an indication and not as being totally accurate.
- The specifications of this product may change without prior notice.
- This product is not a toy. Keep out of the reach of children.
- No part of this manual may be reproduced without written consent of the manufacturer.

WARRANTY INFORMATION

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

2809 Losey Blvd. S.

La Crosse, WI 54601

Phone: 608.782.1610

Fax: 608.796.1020

e-mail:

support@lacrossetechnology.com

(warranty work)

sales@lacrossetechnology.com

(information on other products)

web:

www.lacrossetechnology.com

Questions? Please see instruction video at:
www.lacrossetechnology.info/9611

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**FCC ID: OMO-01RX (receiver), OMO-01TX (sensor)
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, AND**
- 2. THIS DEVICE MUST ACCEPT INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.**

Code	City, State	Code	City, State	Code	City, State
Alabama		Kentucky		Oklahoma	
MGM	Montgomery	LEX	Lexington	OKC	Oklahoma City
MOB	Mobile	Louisiana		TUL	Tulsa
Arkansas		NEW	New Orleans	Oregon	
LIT	Little Rock	SHV	Shreveport	MFR	Medford
Arizona		Massachusetts		PDX	Portland
PHX	Phoenix	BOS	Boston	Pennsylvania	
California		Maine		CXY	Harrisburg
FAT	Fresno	AUG	Augusta	PIT	Pittsburgh
LAX	Los Angeles	CAR	Caribou	SCR	Scranton
ROD	Redding	Michigan		South Carolina	
SAN	San Diego	DET	Detroit	CHS	Charleston
SFO	San Francisco	PZQ	Rogers city	CUB	Columbia
Colorado		Minnesota		South Dakota	
DEN	Denver	DLH	Duluth	FSD	Sioux Falls
DRO	Durango	INL	International Falls	RAP	Rapid City
GJT	Grand Junction	Missouri		Tennessee	
PUB	Pueblo	JEF	Jefferson City	MEM	Memphis
District of Columbia		Mississippi		BNA	Nashville
DCA	Washington D.C.	JAN	Jackson	DKX	Knoxville
Florida		Montana		Texas	
JAX	Jacksonville	BIL	Billings	AMA	Amarillo
MIA	Miami	HLN	Helena	AIN	Austin
ORL	Orlando	North Carolina		BRO	Brownsville
TLH	Tallahassee	CLT	Charlotte	DFW	Dallas/Ft. Worth
TPA	Tampa	RDU	Raleigh	ELP	El Paso
Georgia		North Dakota		HOU	Houston
ATL	Atlanta	BIS	Bismarck	ODO	Odessa
Hawaii		FAR	Fargo	SAT	San Antonio
HNL	Honolulu	Nebraska		Utah	
Iowa		LNK	Lincoln	SLC	Salt Lake City
DSM	Des Moines	SNY	Sidney	Virginia	
DVN	Davenport	New Hampshire		LYH	Lynchburg
Idaho		CON	Concord	ORF	Norfolk
BOI	Boise	New Jersey		Vermont	
Illinois		TTN	Trenton	BTV	Burlington
ORD	Chicago	New Mexico		Washington	
SPI	Springfield	ABQ	Albuquerque	SEA	Seattle
Indiana		Nevada		SFF	Spokane
EVV	Evansville	LAS	Las Vegas	West Virginia	
IND	Indianapolis	RNO	Reno	CRW	Charleston
Kansas		New York		Wisconsin	
DDC	Dodge City	BUF	Buffalo	GRB	Green Bay
K32	Wichita	JFK	New York City	LSE	La Crosse
TOP	Topeka	SYR	Syracuse	West Virginia	
		Ohio		CRW	Charleston
		CLE	Cleveland	Wyoming	
		CMH	Columbus	CPR	Casper

CANADA CITY LIST					
Code	City	Code	City	Code	City
ALB	Calgary	OTT	Ottawa	QUE	Quebec
VAN	Vancouver	WIN	Winnipeg	TOR	Toronto