LA CROSSE®
TECHNOLOGY

Wireless Color Weather Station

INSTRUCTION MANUAL



MODEL: 308-10847
DC: 111726

FIND MANUALS, FAQS, AND MORE UNDER
THE **SUPPORT** TAB HERE: bit.ly/laxtech_support

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POWER UP

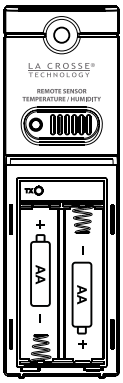
1. Insert 2-AA batteries into your Outdoor Sensor.

2. Insert the 5 volt power cord into an outlet, then into your station. Optional: Insert 3-AA batteries for backup.

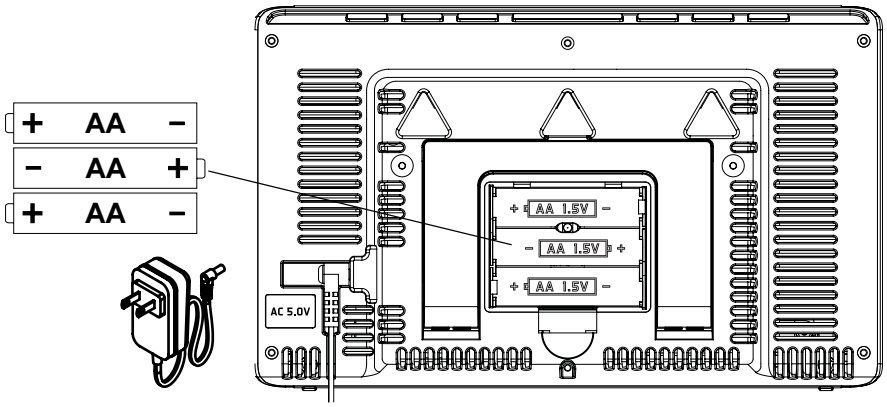
3. Adjust time and date settings on your station.

4. Once the Outdoor Sensor is reading to your station, place it outside in a shaded location.

Watch sensor mounting video: http://bit.ly/TH_SensorMounting



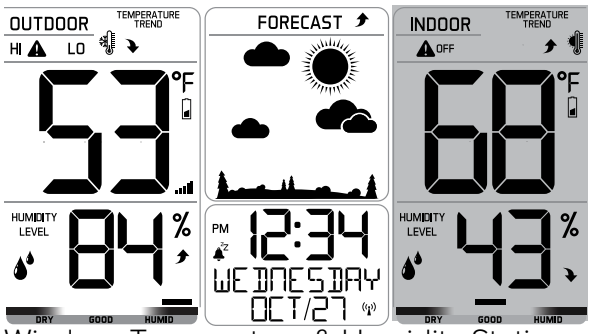
Outdoor Sensor
TX141TH-Bv3a



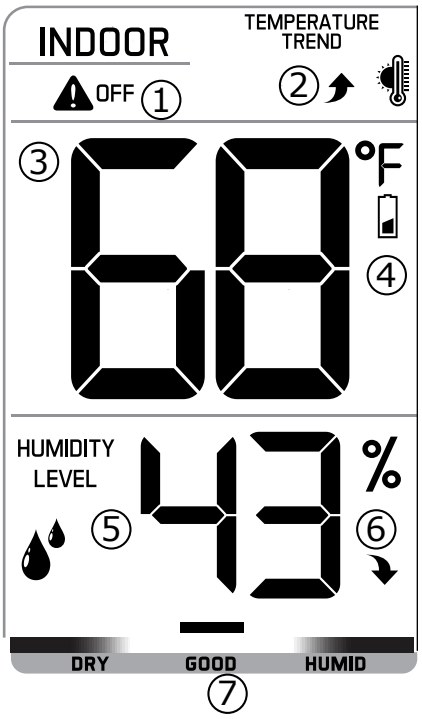
Wireless Weather Station
308-10847

LCD FEATURES

① Alerts (HI-LO-OFF)
② Temperature Trend
③ Indoor Temperature
④ Low Battery
⑤ Indoor Humidity
⑥ Humidity Trend
⑦ Comfort Chart

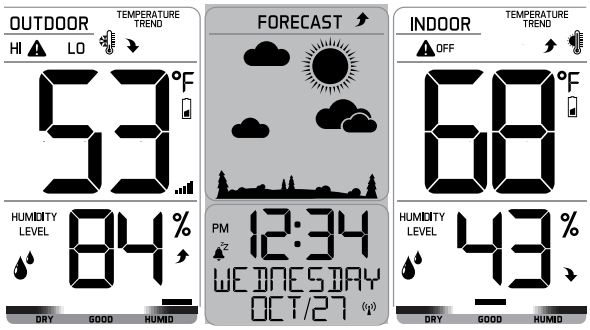


Wireless Temperature & Humidity Station

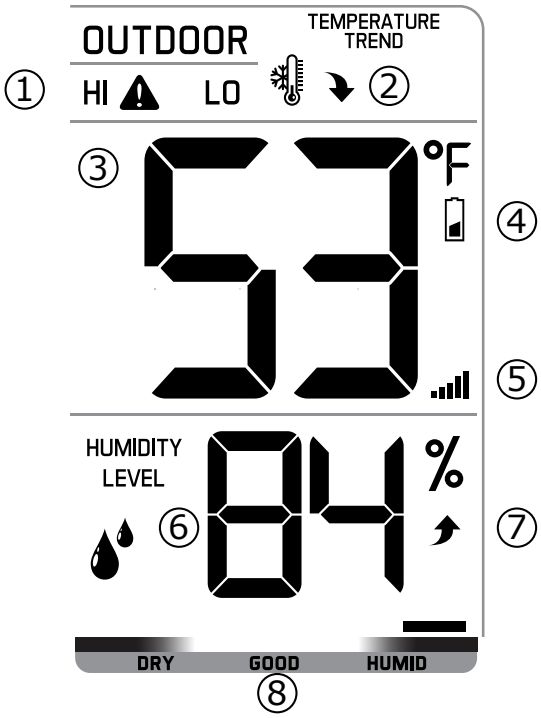


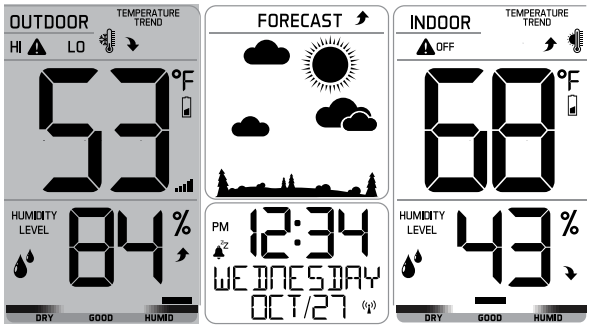
① Forecast Trend
② Forecast Symbols
③ AM/PM
④ Atomic Time
⑤ Alarm/Snooze
⑥ Weekday
⑦ Month/Date
⑧ Atomic Reception





① Alerts (HI-LO-OFF)
② Temperature Trend
③ Outdoor Temperature
④ Low Battery
⑤ Sensor Strength
⑥ Outdoor Humidity
⑦ Humidity Trend
⑧ Comfort Chart





BUTTONS

ALERTS | **ALARM** | **TEMP** | **SNOOZE/BACKLIGHT** | **SET** | **+** | **−**

WWVB ATOMIC TIME SIGNAL

- The station will search for the atomic signal at UTC 7:00, 8:00, 9:00, 10:00, and 11:00.
- If there is no WWVB reception, the station will search for the Atomic Time Signal every 2 hours until the WWVB Time is received.
- The Atomic Time Signal Icon will flash while searching and will be solid when it has connected.
- After reception, this station will only search for the atomic signal after midnight.
- From normal time display, press and release the SET button to search for the WWVB time signal.
- Please be sure you have selected your time zone from the list in the Settings Menu. When the Atomic Time Signal is received, the station will set to the time zone selected. Default is Eastern Time.
- For information about WWVB visit: bit.ly/AtomicTime

SETTINGS MENU

It is best to press one button at a time when setting your station.

1. Hold, then release the SET button to enter time set mode.
2. Press and release the + or - buttons to adjust the values. Hold to adjust quickly.
3. Press and release the SET button to confirm and move to the next item.
4. Press and release the BACKLIGHT button any time to exit settings.

Settings Menu Order:

- Language
- Beep ON/OFF
- Atomic ON/OFF
- Time Zone
- DST ON/OFF
- 12H/24H
- Hour
- Minutes
- Year
- Month
- Date
- Fahrenheit/Celsius

Note: When Spanish (Español), is selected, the rest of the instructions will be in that language.

Note: Your weekday will set automatically after year, month, and date are set.

Time Zone

AST	Atlantic
EST	Eastern
CST	Central
MST	Mountain
PST	Pacific
AKT	Alaskan
HAT	Hawaiian

Language



Beep ON/OFF



Atomic ON/OFF



Time Zone



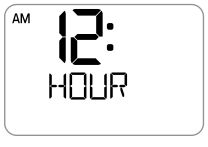
DST ON/OFF



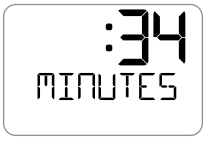
12/24 Format



Hour



Minutes



Year



Month



Date



Fahrenheit/Celsius



To Begin:

1. Hold the SET button for five seconds to enter settings SET. ENGLISH will show for language. Press the + or – button if you want ESPANOL.

2. Press SET to select BEEP ON/OFF. BEEP ON will show. Press the + or – button to select BEEP OFF and silence the beep when buttons are pressed.

3. Press SET to select ATOMIC ON/OFF. ATOMIC ON will show. Press the + or – button to select ATOMIC OFF if you do not want the atomic time signal.

Note: If ATOMIC OFF is selected, you will skip Time Zone and DST settings and move 12/24 hour time.

5. Press SET to select Time Zone. ZONE EST will show. Press the + or – button to select a different time zone. (AST=Atlantic, EST=Eastern, CST=Central, MST=Mountain, PST=Pacific, AKT=Alaska, HAT=Hawaii)

6. Press SET to select DST On/OFF. DST ON will show. Press the + or – button to select DST OFF if you do observe Daylight Saving Time.

7. Press SET to select 12/24 hour time format. 12H will show. Press the + or – button if you prefer 24 hour time format.

8. Press SET to select Hours. The Hour will show. Press the + or – button to adjust the hour.

9. Press SET to select the Minutes. The Minutes will show. Press the + or – button to adjust the minutes.

10. Press SET to select the Year. The Year will show. Press the + or – button to adjust the year.

11. Press SET to select the Month. The Month will show. Press the + or – button to adjust the month.

12. Press SET to select the Date. The Date will show. Press the + or – button to adjust the date.

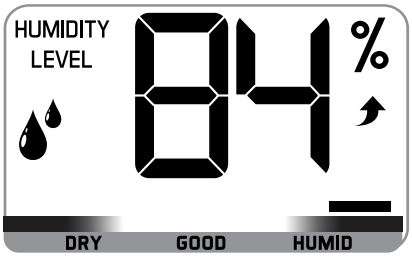
13. Press SET to select Fahrenheit/Celsius. The °F will show. Press the + or – button to select Celsius. Press SET to confirm and exit.

ADJUSTABLE BACKLIGHT

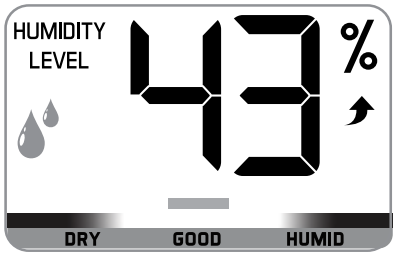
- When operating with the power cable, the backlight is adjustable: HI-LOW-OFF.
- Press and release the BACKLIGHT button to adjust backlight.
- When operating on batteries only, the backlight will come on briefly when the BACKLIGHT button is pressed.

COMFORT CHARTS

- Indoor & Outdoor comfort charts keep you informed when the humidity is at a comfortable level.
- The bar over the chart will move to indicate the humidity level.







TEMPERATURE & HUMIDITY ALERTS

Programmable Temperature and Humidity alerts keep you on top of changing conditions.

To set alerts:

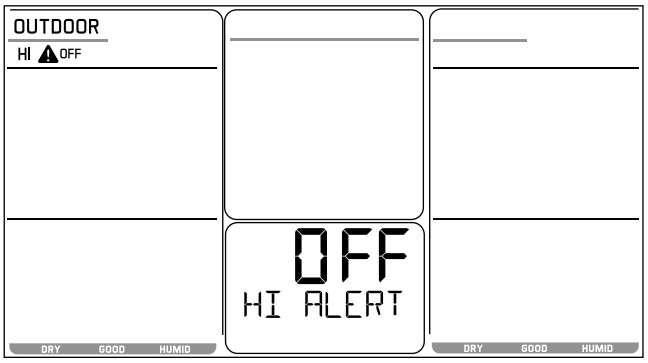
1. Hold the ALERTS button to enter alert set mode. Outdoor HI ALERT OFF will show. If you wish to set this alert value, press the + or – buttons to arm this alert (ON).

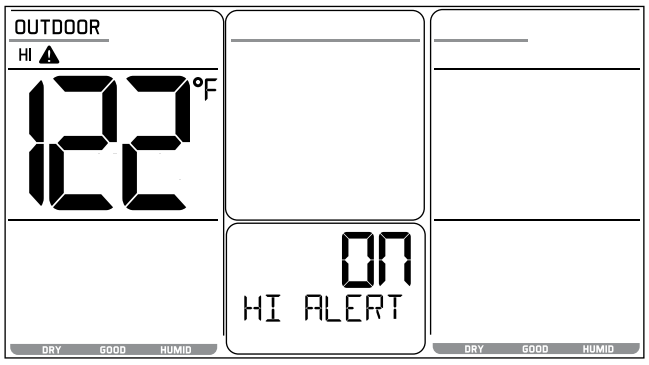
2. When the alert is armed (ON) press and release the ALERTS button and the alert value will flash. Press the + or – buttons to change the alert value.

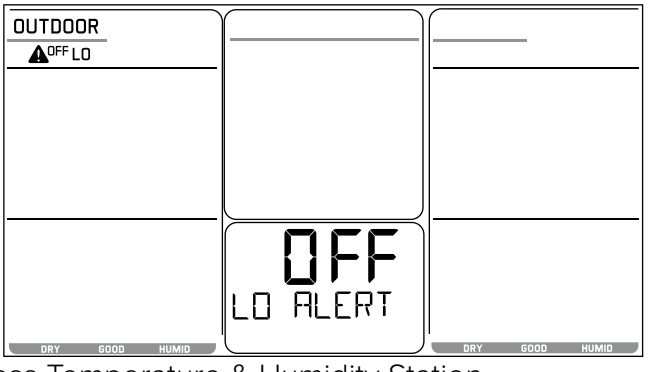
3. Press the ALERTS button to confirm and move to the next alert.

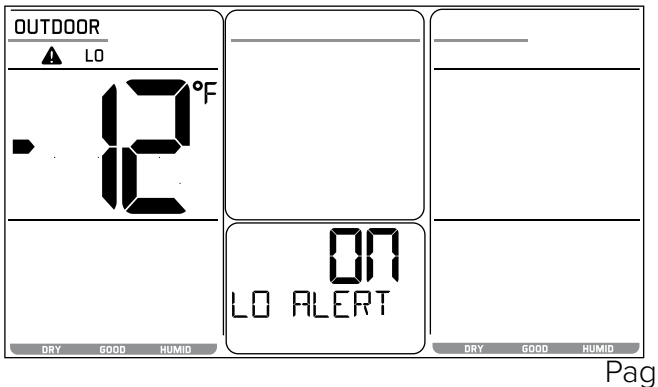
Note: If you do not wish to set an alert, press the ALERTS button again to move the next alert. (When the alert is OFF (disarmed) press ALERTS button to skip setting that alert value).

Note: Press the BACKLIGHT button at any time to exit.









Alert Setting Order:

- Outdoor HIGH Temperature ON/OFF
- Outdoor HIGH Temperature Value
- Outdoor LOW Temperature ON/OFF
- Outdoor LOW Temperature Value

- Outdoor HIGH Humidity ON/OFF
- Outdoor HIGH Humidity Value
- Outdoor LOW Humidity ON/OFF
- Outdoor LOW Humidity Value

- Indoor HIGH Temperature ON/OFF
- Indoor HIGH Temperature Value
- Indoor LOW Temperature ON/OFF
- Indoor LOW Temperature Value

- Indoor HIGH Humidity ON/OFF
- Indoor HIGH Humidity Value
- Indoor LOW Humidity ON/OFF
- Indoor LOW Humidity Value

Arm & Disarm Alerts:

1. Hold the ALERTS button 3 seconds to enter alert set mode.

2. Press and release ALERTS button until you see the alert you wish to arm or disarm.

3. Press the + or - buttons to arm or disarm the alert. (If you arm and alert, the next step will be to set alert value).

4. Press the BACKLIGHT button to exit.

Alert Sounds:

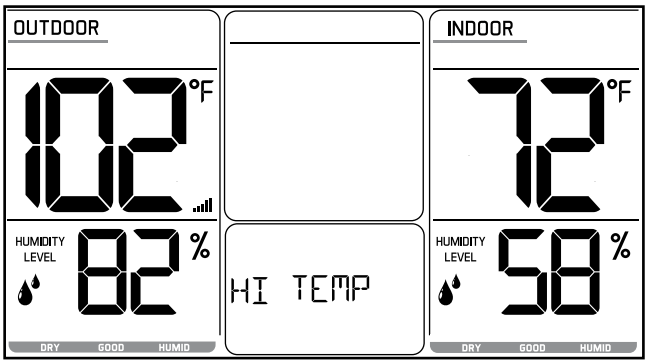
- When armed alert value is reached, station will beep 5 times each minute, until out of alert range.
- The flashing alert icon will indicate the type of alert HI or LO. 
- Press any button to stop the alert from sounding.
- The alert icon will continue flashing while alert value is in alert range.
- Disarm the alert to stop the alert entirely.
- When an alert is not armed OFF will show. 

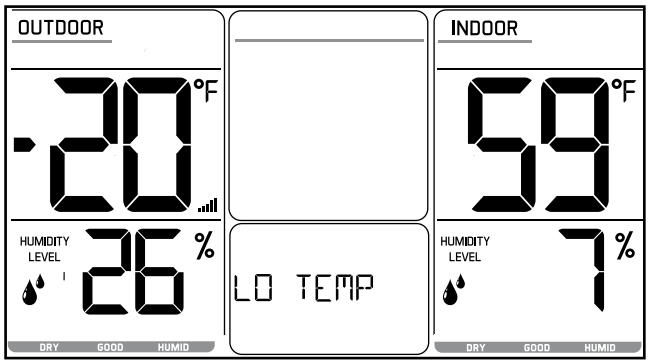
HI/LO TEMPERATURE & HUMIDITY RECORDS

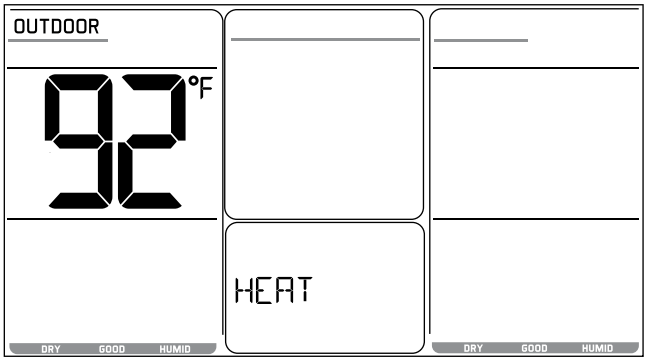
All HI/LO temperature/humidity records will reset automatically at 12:00 (midnight).

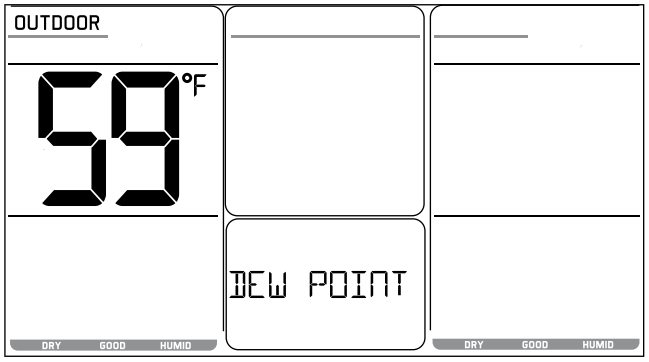
From normal display, press and release the TEMP button to view:

- HI indoor and outdoor temperature/humidity records.
- LO indoor and outdoor temperature/humidity records.
- Outdoor Heat Index.
- Outdoor Dew Point.









HEAT INDEX & DEW POINT EXPLAINED

Heat Index:
Heat Index combines the effects of heat and humidity. It is the apparent temperature of how hot it feels to a human being. As humidity increases, the body is unable to cool effectively. The temperature will feel warmer.

Dew Point:
Dew Point Temperature is the saturation point of the air, or the temperature to which the air has to cool in order to create condensation. The higher the dew points, the higher the moisture content of the air at a given temperature.

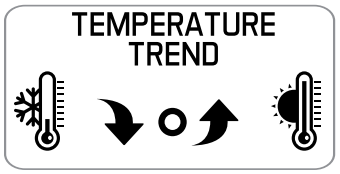
TEMPERATURE & HUMIDITY TREND ARROWS

The temperature and humidity trend indicators update with every 15 minutes and look back over the past hour.

- Change in temperature (2°F / 1°C, 3% RH).
- 1 hrs comparison which changes on every 1/4 hour

E.g.: At 1:00 - compare to 12:00 data; at 1:15 -compare to 12:15: at 1:30 - compare to 12:30 ..... etc

Down Arrow (blue):
temperature has fallen in the past hour



Up Arrow (red):
temperature has risen in the past hour

No Arrows or Thermometers
temperature has not changed more than 2°F in the past hour

Humidity Trend



Up Arrow:
Humidity has risen in the past hour



Down Arrow:
Humidity has fallen in the past hour

SENSOR SEARCH

- If you are seeing dashes in place of outdoor temperature, first check your sensor batteries.
- Hold the TEMP button for 3 seconds to search for the sensor. Sensor Reception icon will flash while searching and be solid when sensor signal is received.
- If you regain connection while the sensor is mounted, great. If you do not regain connection, bring the sensor within 10 feet of the station and search again.

Note:

- If the signal is lost, the RX will display the ast data recorded from sensor for 10 minutes.
- After that 10 minutes if the signal does not come back then you will see dashes "--".
- After 30 minutes, start looking for the sensor signal automatically.

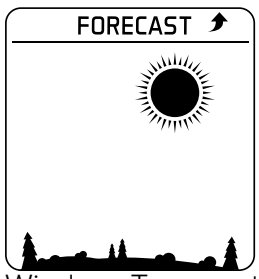
FORECAST ICONS

The unit predicts weather condition of the next 12-hours based on the change of atmospheric pressure. The weather forecast is about 70-75% correct.

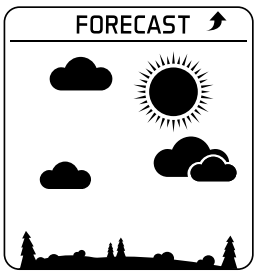
Forecast Icons: · Sunny · Partly Cloudy · Cloudy · Rain · Storms · Snow (below 32°F, 0°C)

This station learns. Please allow 7-10 days for barometric calibration. This will ensure an accurate personal forecast for your location.

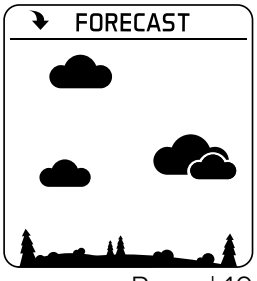
SUNNY



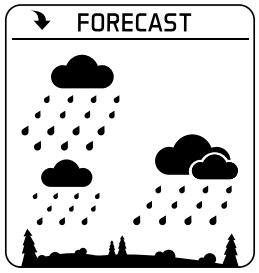
PARTLY SUNNY



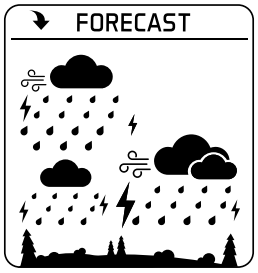
CLOUDY



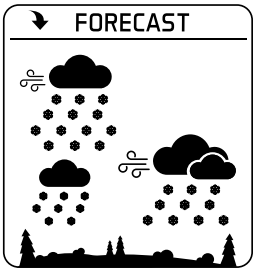
RAIN



T-STORM



SNOW



Intelligent Weather Forecast:
This station learns. Please allow 7-10 days for barometric calibration. This will ensure an accurate personal forecast for your location.

Six forecast icons use changing atmospheric pressure to predict weather conditions for the next 12-hours with 70-75% accuracy

LOW BATTERY INDICATORS

- When Battery Indicator shows next to the Outdoor Temperature, replace batteries in your Outdoor Sensor.

- When Battery Indicator shows next to your Indoor Temperature, replace batteries in your Station.

FACTORY RESTART

- The Factory Restart is a great way to return your station to “out of the box” condition.

Factory Restart:

1. Remove all power (batteries and AC) from outdoor sensor and weather station.

2. Press one of the buttons on the weather station at least 20 times to clear all memory.

3. Verify that the weather station is blank before proceeding (there may be lines painted on the screen that will show when there is no power).

4. Leave both units without power for 15 minutes (very important).

5. Insert the AC power cord into the wall outlet then into the weather station.

6. Insert fresh batteries into the outdoor sensor.

7. Press the TX button on the outdoor sensor to transmit RF signal.

8. Keep the outdoor sensor 5-10 feet from the weather station.

9. When RF connection is established, the temperature will appear on the station. Allow the outdoor sensor and weather station to sit together for 15 minutes to establish a strong connection.

10. Do not press buttons for 15 minutes.

SENSOR WEATHER SHIELD-NOT INCLUDED

The Sensor Weather Shield is designed to protect your outdoor sensor from rain and snow. This shield will offer limited protection from the sun's heat. Purchase at: http://bit.ly/925-1418



WE'RE HERE TO HELP!

If you require additional support, call or customer support team based out of La Crosse, Wisconsin.

Phone: 1.855.605.6888

Or fill out our online support request form here: bit.ly/contact_techsupport

Our knowledgeable support team is available: Monday-Friday, 8am-6pm CST

JOIN THE CONVERSATION

Ask questions, watch detailed setup videos, and provide feedback on our social media outlets!

CARE AND MAINTENANCE

When batteries of different brand or type are used together, or new and old batteries are used together, some batteries may be over-discharged due to a difference of voltage or capacity. This can result in venting, leakage, and rupture and may cause personal injury.

- Always purchase the correct size and grade of battery most suitable for the intended use.
- Always replace the whole set of batteries at one time, taking care not to mix old and new ones, or batteries of different types.
- Clean the battery contacts and those of the device prior to battery installation.
- Ensure the batteries are installed correctly with regard to polarity (+ and -).
- Remove batteries from product during periods of non-use. Battery leakage can cause corrosion and damage to this product.
- Remove used batteries promptly.
- For recycling and disposal of batteries, and to protect the environment please check the internet or your local phone directory for local recycling centers and/ or follow local government regulations.

SPECIFICATIONS

Indoor
Temperature Range: 32°F to 122°F (0°C to 50°C)
Humidity Range: 10% to 99% RH

Outdoor
Temperature Range: -40°F to 140°F (-40°C to 60°C)
Humidity Range: 10% to 99% RH

Transmission Range: 330 ft (100 meters) 433MHZ (open air)

Power Requirements Station: AC6: GPU280500150WA00
Optional: 3 “AA” Batteries (not included)
Sensor: 2 “AA” Batteries (not included)

Dimensions Station: 8.98” L x 1.0” W x 5.43” H (22.8cm L x 2.6 cm W x 13.8cm H)

TX141TH-Bv3a Sensor: 1.57” L x 0.79” W x 5.12” H (4.0cm L x 2.0cm W x 13.0cm H)

WARRANTY INFO

La Crosse Technology, Ltd. provides a **1-year limited time warranty** (from date of purchase) on this product relating to manufacturing defects in materials & workmanship.

For Full Warranty Details, Visit: www.lacrossetechnology.com/support

FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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 any interference received, including interference that may cause undesired operation.

CAUTION!
Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

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⚠ **CA WARNING:** This product can expose you to chemicals including acrylonitrile, butadiene, and styrene, which are known to the State of California to cause cancer and birth defects or other reproductive harm.
For more information, go to: www.P65Warnings.ca.gov