

LA CROSSE®
TECHNOLOGY

WIRELESS COLOR FORECAST STATION

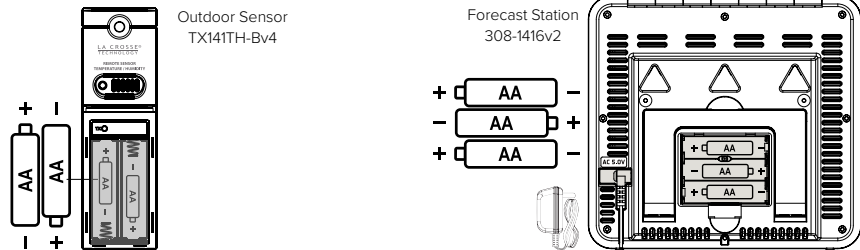


SET UP GUIDE

MODEL: 308-1416v2

POWER UP

1. Insert 2-AA Alkaline batteries into your Outdoor Sensor.
2. Insert the 5 volt power cord into an outlet, then into your station.
Optional: Insert 3-AA Alkaline batteries for backup.
3. Follow the steps on page 3 to adjust your time, date, and other settings.
4. Once the sensor is reading to your weather station, place the sensor outside in a shaded location. View our sensor mounting video here: bit.ly/th_sensor_mounting



WWVB ATOMIC TIME SIGNAL

- The station will automatically search for the atomic time signal at UTC 7:00, 8:00, 9:00, 10:00, and 11:00.
- The Atomic Time Signal Icon (🕒) will flash while searching, and be solid when connected.
- Press and release the **SEARCH** button anytime, to manually search for the atomic time signal.
- For information about WWVB visit: bit.ly/atomic_time

SETTINGS MENU

1. Hold the **SET** button until the display changes to enter the Settings Menu.
2. Press and release the **+** or **-** button to adjust values.
3. Press and release **SET** to confirm and move to the next item.
4. Press the **LIGHT** button at anytime to exit the Settings Menu.

Settings Menu order:

- Language (English, Español, Français)
- Beep ON/OFF
- Atomic ON/OFF
- DST ON/OFF
- Time Zone
- 12/24-Hour Format
- Hour
- Minutes
- Year
- Month
- Date
- Temperature: Fahrenheit/Celsius
- Pressure units: INHG or HPA
- Pressure number setting

Time Zone

" 100	ATLANTIC
" 1200	EASTERN
" 1100	CENTRAL
" 1000	MOUNTAIN
" 900	PACIFIC
" 800	ALASKA
" 700	HAWAII

Atomic OFF: When Atomic is set to OFF, you will move directly to 12/24 hour format.

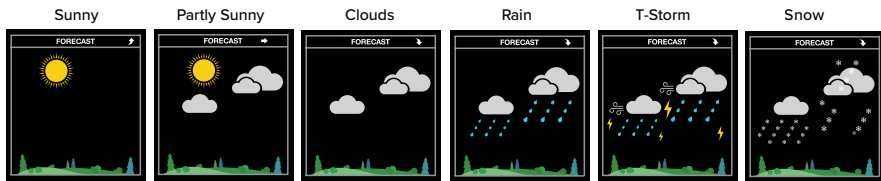
Language: When a different language is selected, the following instructions and weekday will be presented in that language.

Weekday: Weekday sets automatically when Year, Month and Date are set.

FORECAST

- Using the station's internal barometer, the forecast icons show a prediction of your weather to come within the next 12 hours.
- Allow at least 7-10 days for barometric calibration.
- The Snow Icon will show when temps are below 32°F (0°C) and rain or storms are predicted.

Note: Locations around 6,200ft or more may experience infrequent forecast changes. Watch our video to learn more about how these icons work: bit.ly/forecast_vid

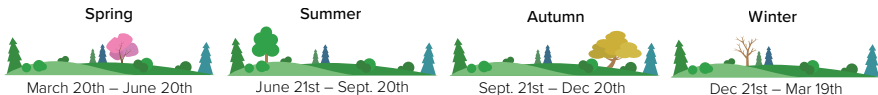


FORECAST TREND ARROWS

The Forecast Trend Arrows indicate the change in pressure over the past three hours. A straight arrow indicates the pressure is steady. An up arrow indicates the pressure is rising. A down arrow indicates the pressure is falling.

SEASONAL FOLIAGE

The foliage (tree) scene in the forecast section will change seasonally according to pre-programmed dates.



RELATIVE PRESSURE

- Your Relative Pressure reading will come from your station's internal barometer.
- Please allow up to 10 days for automatic calibration, or program your local pressure value in the Settings Menu.
- Select your desired unit of measurement (hPa or InHg) in the Settings Menu.

PRESSURE HISTORY



PRESSURE HISTORY GRAPH

- Read from left to right, your Pressure History Graph indicates the rise and fall in air pressure over the past 24 hours.
- The numbers below represent the hour in which the reading was taken. The “0h” is the current pressure level. “-3h” was the reading taken three hours ago, compared to current pressure.
- The graph will scroll continually.

MOON PHASE

The moon phase is based on the Lunar Calendar and the year, month, and date settings.



ADJUSTABLE BACKLIGHT

- When operating with the power cable, press and release the **LIGHT** button to adjust the backlight brightness (High, Low, Off).
- When operating with batteries only, the backlight will turn on briefly when the **LIGHT** button is pressed.

TEMPERATURE & HUMIDITY RECORDS

Press and release the **TEMP** button to toggle through your daily indoor and outdoor temperature and humidity records.

Records Viewing Order:

- Today's High Indoor and Outdoor Records
- Today's Low Indoor and Outdoor Records
- Heat Index
- Dew Point



Note: These records will reset automatically at 12:00am (midnight) each day.

TEMPERATURE & HUMIDITY TREND ARROWS

- Trend Arrows ↗ ↘ near your outdoor data will update every 15 minutes, comparing current values with the previous hour.
- When a change of 2°F (1°C) or 3% RH is recorded, an arrow will appear indicating the change. If changes do not meet these thresholds, no arrows will show.

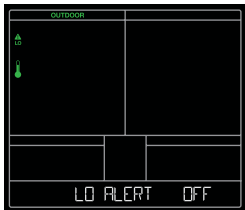
TEMPERATURE & HUMIDITY ALERTS

To set alerts:


1. Hold the **ALERTS** button to enter the Alert Settings Menu.
2. Use the +/- buttons to activate/deactivate individual alerts (ON/OFF), or press the **ALERTS** button to skip to the next option.
3. Once activated (ON), use the +/- buttons to adjust the alert value.
4. Press the **ALERTS** button to confirm and move forward.

Alert Setting Order:

- Outdoor Low Temp Alert
- Outdoor High Temp Alert
- Outdoor Low Humidity Alert
- Outdoor High Humidity Alert
- Indoor Low Temp Alert
- Indoor High Temp Alert
- Indoor Low Humidity Alert
- Indoor High Humidity Alert



Active Alert:

- On your normal display, active alerts are indicated by the Alert Icon  and corresponding HI or LO letters near the particular indoor or outdoor reading.
- When an alert values is reached, the station will beep 5 times each minute until out of the alert range.
- Press any button to stop the alert sound. The Alert Icon will remain flashing until out of the alert range.

HI



Outdoor High Alert

HI 

Indoor High Alert



LO

Outdoor Low Alert





Indoor Low Alert

Deactivate Alerts:


1. Hold the **ALERTS** button to enter the Alert Settings Menu.
2. Use the +/- buttons to activate/deactivate individual alerts (ON/OFF).
3. Press and release the **ALERTS** button to confirm and move to the next alert option.
4. Press and release the **LIGHT** button to save and exit the menu.

LOW BATTERY ICONS

- Low Battery Icon  by Outdoor Temperature, replace batteries in the Outdoor Sensor.
- Low Battery Icon  by the Indoor Temperature, replace batteries in the Station.

SEARCH FOR OUTDOOR SENSOR

If you are seeing dashes for any sensor readings, please try the following steps:

1. Hold the **SEARCH** button to search for your outdoor sensor. The Reception Indicator  will begin to animate.
2. If after 3 minutes the sensor still isn't connected, bring the sensor inside next to the display and remove power from the sensor and station.
3. Press any button on the station 20 times and leave the parts sit for a few moments with the power off.
4. Install a new set of alkaline batteries into the sensor, then power up your station again.
5. If your sensor data is still not appearing after these steps, please contact our support staff. For additional help visit: bit.ly/basic_restart

SENSOR WEATHER SHIELD

- The Sensor Weather Shield is an optional add-on designed to protect your outdoor sensor from rain, snow, and other elements.
- Purchase your add-on Weather Shield here: bit.ly/925-1418.



Sold Separately

STAY IN TOUCH!

Ask questions, watch setup videos, and provide feedback on our social media outlets. Follow La Crosse Technology on Youtube, Facebook, Instagram, and X (Twitter).



SPECIFICATIONS

Weather Station (308-1416v2):

Indoor Temperature Range: 32°F to 99°F (0°C to 37°C)

Indoor Humidity Range: 10% to 99% RH

Update Interval: About every 60 seconds

LCD Brightness: HIGH, LOW, OFF

Relative Pressure: 23.62 to 32.48 inHg (800 to 1100 hPa)

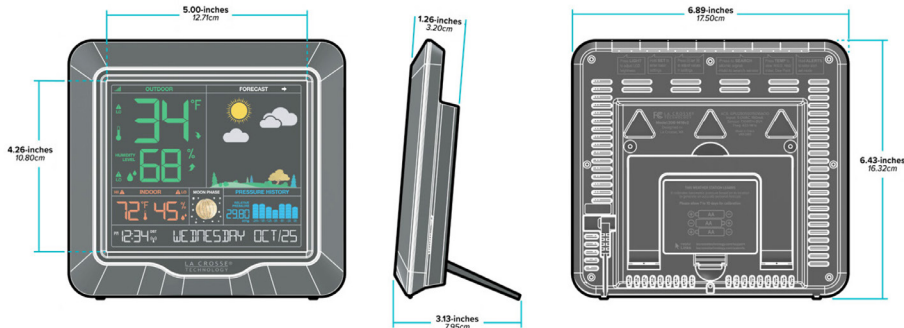
Power Requirements: AC6: GPU280500150WA00

The plug on the power adapter is intended to serve as the disconnect device, the socket-outlet shall be installed near the equipment and shall be easily accessible.

Battery Backup: Optional: 3 “AA” Batteries (Not Included)

Battery Life: 4+ years with power cord use

Dimensions: 6.89 in L x 1.26 in W x 6.43 in H (17.50 cm L x 3.20 cm W x 16.32 cm H)



Outdoor Sensor (TX141TH-Bv4)

Outdoor Temperature Range: -40°F to 140°F
(-40°C to 60°C)

Outdoor Humidity Range: 10% to 99% RH

Transmission Range: over 330 feet (100 meters) in
Open Air

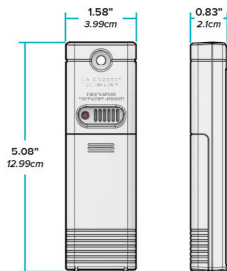
Transmission Frequency: RF 433MHz

Update Interval: Every 51 Seconds

Power Requirements: 2 “AA” LR6 Batteries
(Not Included)

Battery Life: Over 24+ months with reputable batteries
(May Vary Based on Climate)

Dimensions: 1.58 in L x 0.83 in W x 5.08 in H
(3.99 cm L x 2.1 cm W x 12.99cm H)



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.

- Do not mix Alkaline, Lithium, Standard, or Rechargeable batteries.
- 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 also 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.

WE'RE HERE TO HELP

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

Self Help: bit.ly/308-1416v2_support

Phone: 1.608.782.1610


Online: bit.ly/contact_techsupport

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

SCAN HERE
FOR SUPPORT



CALIFORNIA RESIDENTS

 **WARNING** This product can expose you to chemicals including acrylonitrile, 1, 3-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

WARRANTY & PATENTS

La Crosse Technology Ltd. provides a 1-year limited-time warranty on this product relating to manufacturing defects in materials & workmanship. Per the Song-Beverly Act, in the state of California, the warranty on this item becomes effective on the date of delivery.

La Crosse Technology, Ltd, 2830 S. 26th St., La Crosse, WI 54601

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

Patents: www.lacrossetechnology.com/patents

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

This device must not be co-located or operating in conjunction with any other antenna or transmitter.

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!

The manufacturer is not responsible for any radio or TV interference caused by unauthorized changes or modifications to this equipment. Such changes or modifications could void the user authority to operate the equipment.

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DOUBLE YOUR WARRANTY



Scan Here

Scan the QR Code or visit:

bit.ly/308-1416v2_register

to register your product and double the standard 1-year warranty for free by opting to receive occasional product emails.