

# LA CROSSE® TECHNOLOGY

## WEATHER STATION WITH THREE SENSORS INSTRUCTION MANUAL



MODELS: 308-1412-3TXV2  
DC: 112618

FIND MANUALS, FAQs, AND MORE UNDER THE  
SUPPORT TAB HERE: [bit.ly/308-1412-3txv2](http://bit.ly/308-1412-3txv2)

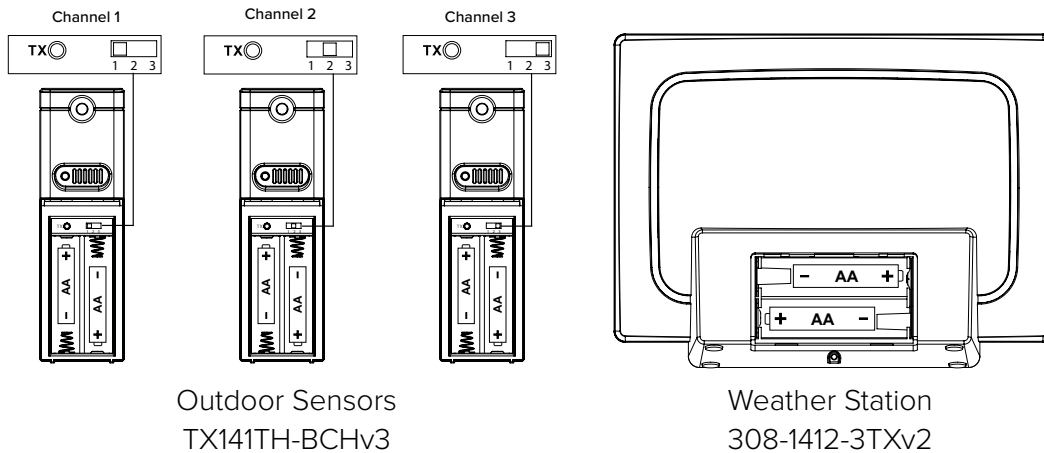
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## POWER UP

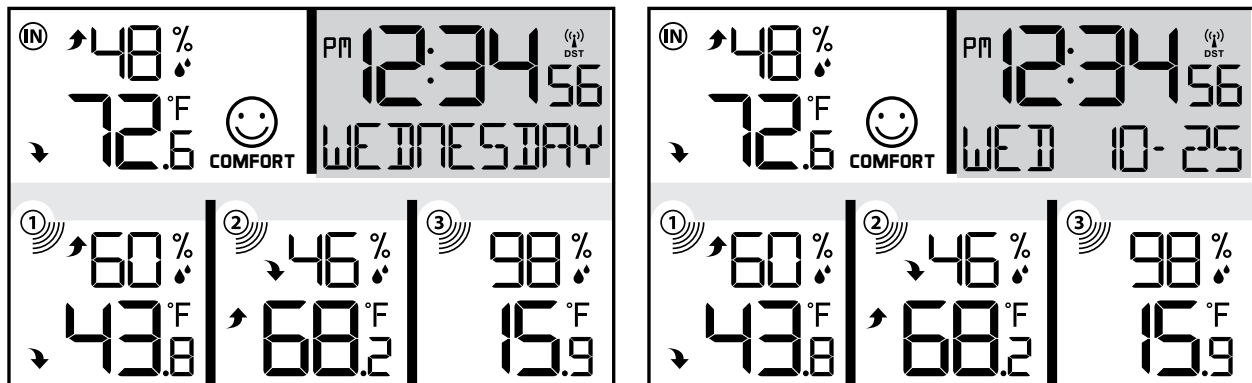
1. Remove the battery cover from all three Outdoor Sensors. Select a different Channel on each sensor.
2. Install 2-AA batteries (not included) into each Outdoor Sensor. Replace battery covers.
3. Insert 2-AA batteries (not included) into the back of your Weather Station.
4. Once each Outdoor Sensor is reading to your station, place it outside in a shaded location.

Watch sensor mounting video: [http://bit.ly/TH\\_SensorMounting](http://bit.ly/TH_SensorMounting)



## CUSTOM DATE DISPLAY

Press and release the SET button to toggle between Full Weekday and 3-Letter Weekday with Month and Date.



## SETTINGS MENU

1. Hold the SET/MODE button to enter settings mode.
2. Press the +/HI or -/LO button to adjust the flashing values.
3. Hold the +/HI or -/LO buttons to adjust quickly.
4. Press the SET/MODE button to confirm adjustments and move to the next item.
5. Press the SEARCH button at any time to exit.

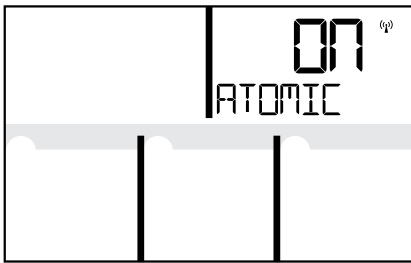
**Settings menu order:**

- Atomic ON | OFF
- DST ON | OFF (Daylight Saving Time)
- Time Zone
- 12H/24H
- Hour
- Minutes
- Year
- Month
- Date
- Temperature Fahrenheit/Celsius

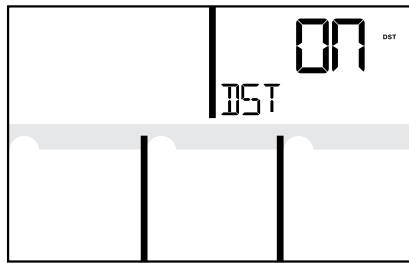
**Time Zones**

ATLANTIC  
EASTERN  
CENTRAL  
MOUNTAIN  
PACIFIC  
ALASKAN  
HAWAIIAN

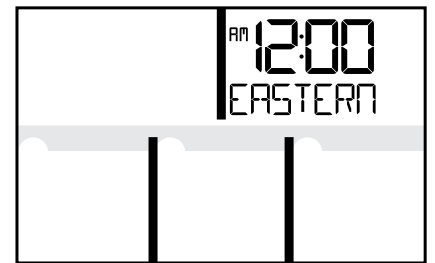
**Atomic ON | OFF**



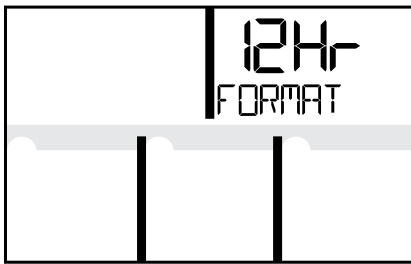
**DST ON | OFF**



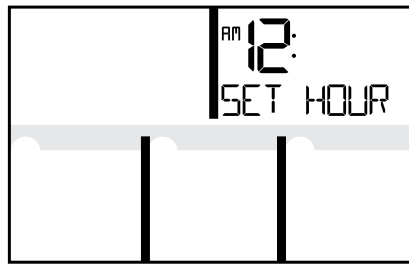
**Time Zone**



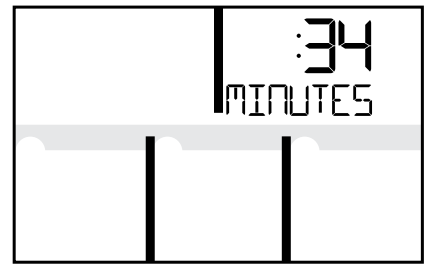
**Format 12Hr | 24Hr**



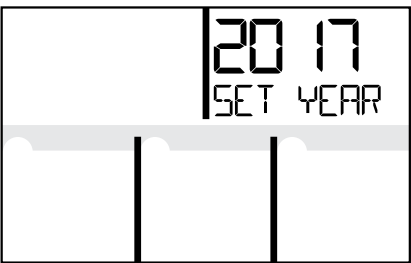
**Set Hour**



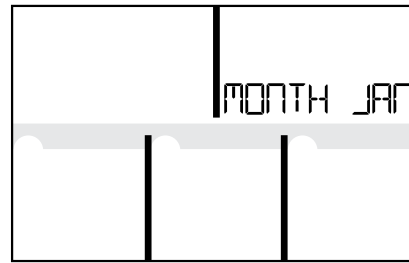
**Set Minutes**



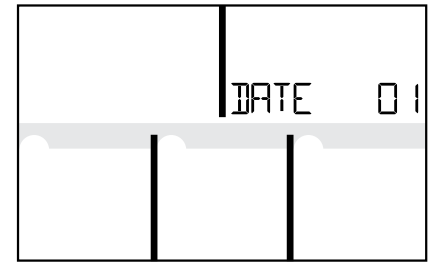
**Set Year**



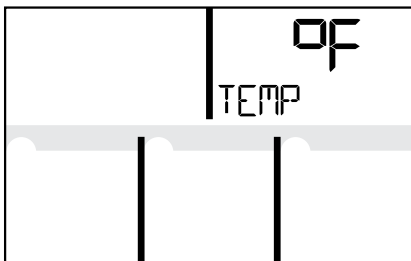
**Set Month**



**Set Date**

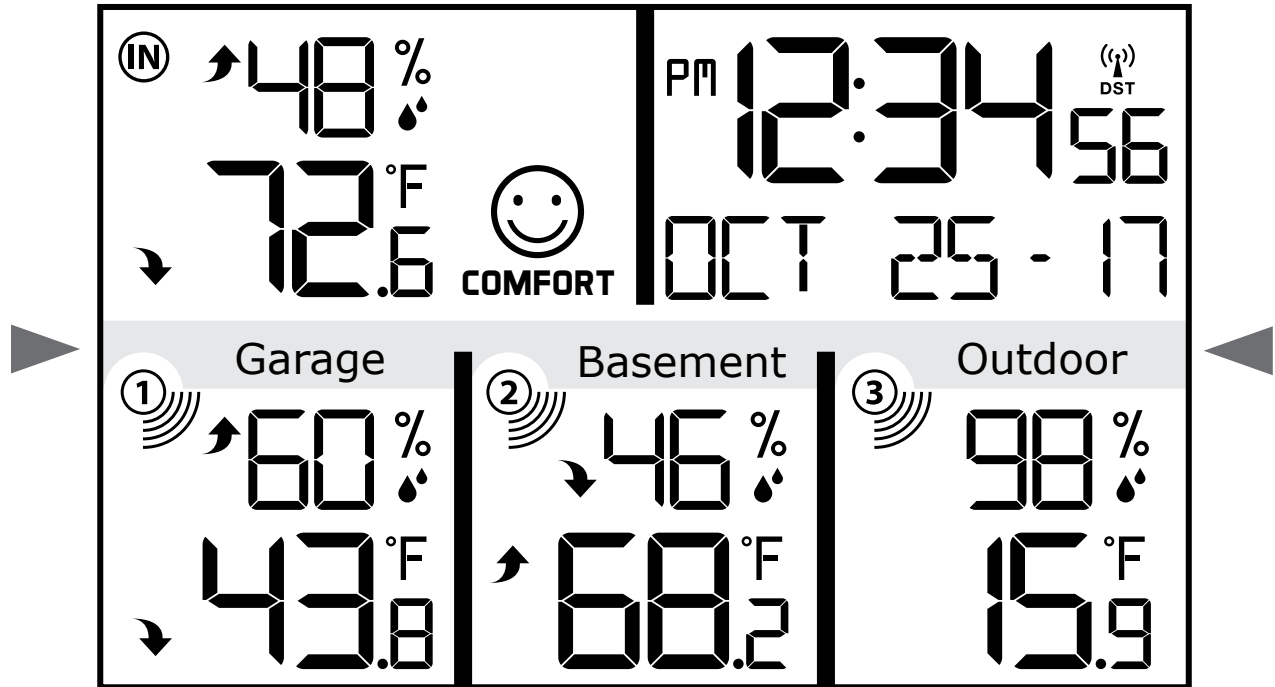


**Fahrenheit | Celsius**



## WRITABLE DISPLAY


- Use a pencil to write the location of each sensor in the silver area above each sensor channel.



## 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 the SEARCH button anytime, to manually search for the atomic time signal.
- For information about WWVB visit: <http://bit.ly/AtomicTime>

## DAYLIGHT SAVING TIME INDICATOR

- The letters DST below the Atomic Time icon will show during the months we observe Daylight Saving time. 
- The letters will not show when in Standard time.

## INDOOR COMFORT ICONS

- Smiling Face: Temperature: 66.2°F to 77°F (19 °C to 25 °C) and Humidity between 40% and 60%
- Sad Face: When values are outside the above range.



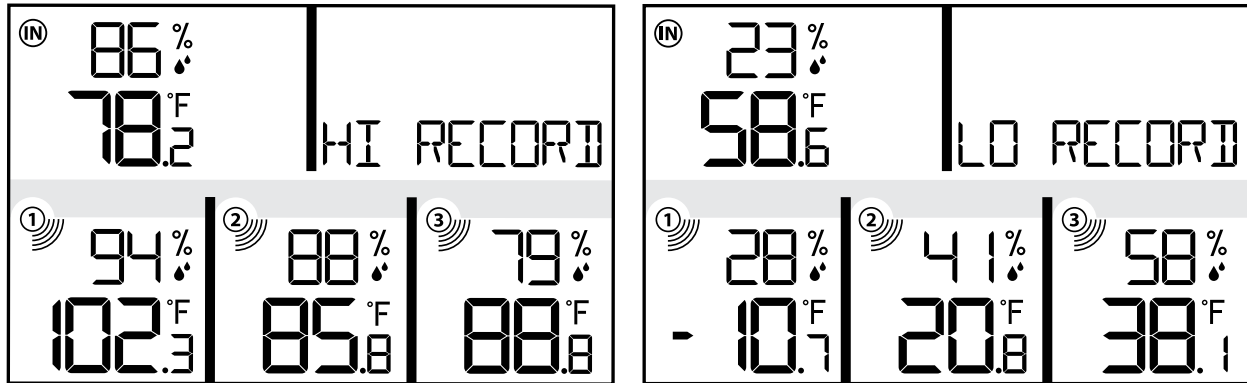
**COMFORT**



**COMFORT**

## HI/LO TEMPERATURE & HUMIDITY RECORDS

- All HI/LO temperature/humidity records reset automatically at 12:00 (midnight).
- From normal display, press the +/HI button to view indoor and outdoor HI temperature/humidity records for all three sensors.
- From normal display, press the -/LO button to view indoor and outdoor LO temperature/humidity records for all three sensors
- HI/LO records reset automatically at midnight. No manual reset.



## TEMPERATURE & HUMIDITY TREND ARROWS


- The UP and DOWN arrows indicate changes in temperature and humidity over the past hour.
- The arrows will update every 15 minutes and compare data from exactly one hour prior.

Temperature: arrow changes every 2 degrees Fahrenheit.

Humidity: arrow changes every 3% RH



## SENSOR SEARCH

- If any sensor loses connection to your station, dashes (--) will show for that outdoor sensor after 30 minutes.
- Your station will search for 3 minutes every hour to try and reconnect with your sensor. While searching, the Sensor Reception Icon  will flash.
- Hold the SEARCH button 3 seconds to manually search for a sensor. Press the TX button inside the sensor's battery compartment to force a transmission.
- If your station is unable to reconnect on its own, a Restart may be necessary.

## CHANGE BATTERIES

We designed this station for convenience, so that a simple change of batteries does not lose your data or require you to power down your station.

### Sensor:

1. When Battery Indicator shows next to the Outdoor Temperature, replace batteries in your Outdoor Sensor on that channel.
2. Then hold the SENSOR button for 3 seconds and your station will search for your sensor.

### Station:

1. When Battery Indicator shows next to the Indoor Temperature, change batteries in the station.
2. After replacing the batteries in the station, it will automatically search for the sensors. Press the TX button on each sensor to force a signal transmission. When outdoor temperature readings are received, set time and date.

## FACTORY RESTART

A factory restart of the station returns it to default settings, and “out of the box” condition and may resolve connection issues.

If the Outdoor Temperature shows dashes on the station please follow these steps:

1. Bring each sensor inside next to station and remove batteries from all devices.
2. Press any button on the station at least 20 times, and then wait 15 minutes.
3. After the wait, install fresh batteries into each sensor and your station. Within a minute or two your outdoor temperatures should return.

## 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>



## POSITION SENSORS

### Sensors Outside:

- Mount the TX141TH-BCHv3 sensors on a north-facing wall or in any well shaded area. Under an eave or deck rail is preferred.
- The maximum wireless transmission range to the weather station is over 330 feet (100 meters) in open air, not including walls or floors.
- Be sure the sensor is mounted vertically

### Option 1:

- Install one mounting screw into a wall leaving some extended.
- Place the transmitter onto the screw.
- Gently pull the transmitter down to lock the screw into place.

### Option 2:

- Insert the mounting screw through the front of the transmitter and into the wall.
- Tighten the screw to snug (do not over tighten).

### Sensors Inside:

- Wall mount or stand in desired location.
- Avoid placing in sunlight, or near vents which could cause inaccurate readings.

## WE'RE HERE TO HELP!

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

Phone: 1.608-782-1610

Or fill out our online support request form here: [bit.ly/contact\\_techsupport](http://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

- Do not mix old and new batteries.
- Do not mix Alkaline, Standard, Lithium, or Rechargeable batteries.
- Always purchase the correct size and grade of battery most suitable for intended use.
- Replace all batteries of a set at the same time.
- Clean the battery contacts and also those of the device prior to battery installation.
- Ensure the batteries are installed with correct polarity (+ and -).
- Remove batteries from equipment which is not to be used for an extended period of time.
- Promptly remove expired batteries.



## SPECIFICATIONS

### INDOOR:

**Temperature Range:** 32°F to 122°F (0°C to 50°C)

- When above 122°F (50°C) temperature shows “HI”;
- When below 32°F (0°C) temperature displays “LO”.

**Humidity Range:** 10% to 99% RH

**Update Interval:** About every 60 seconds

### OUTDOOR:

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

**Humidity Range:** 10% to 99% RH

**Update Interval:** About every 51 seconds

**Transmission Range:** over 330 feet (100 meters) in open air RF 433MHz

### POWER REQUIREMENTS:

308-1412-3TXv2: 3 “AA” LR6 Batteries (not included)

TX141TH-BCHv3: 2 “AA” LR6 Batteries (not included)

### BATTERY LIFE

308-1412-3TXv2: over 12 months with reputable batteries

TX141TH-BCHv3: over 24 months with reputable batteries

### DIMENSIONS:

308-1412-3TXv2: 6.18” W x 4.69” H x 1.66” D (15.69cm W x 11.91cm H x 4.21cm D)

TX141TH-BCHv3: 1.57” L x 0.82” W x 5.11” H (3.98cm L x 2.08cm W x 12.98cm 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](http://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 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 modifications to this equipment. Such modifications could void the user authority to operate the equipment.

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 **WARNING:** This product can expose you to chemicals including styrene, which is known to the State of California to cause cancer. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)