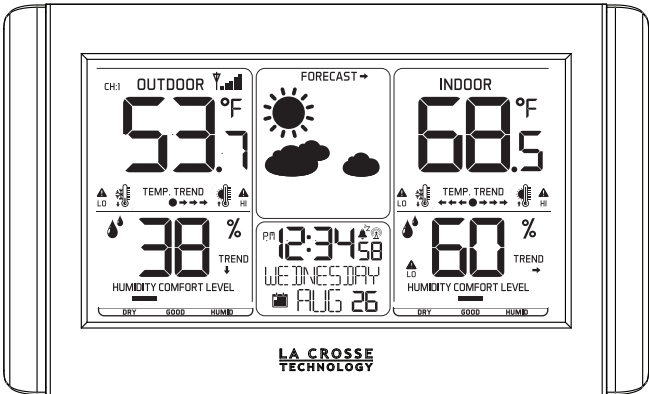


Color Forecast Station

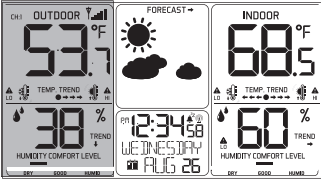


For online video support visit: <http://bit.ly/LaxTechTalk>

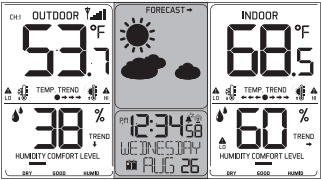
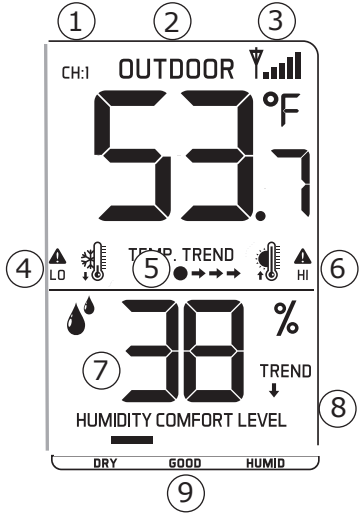
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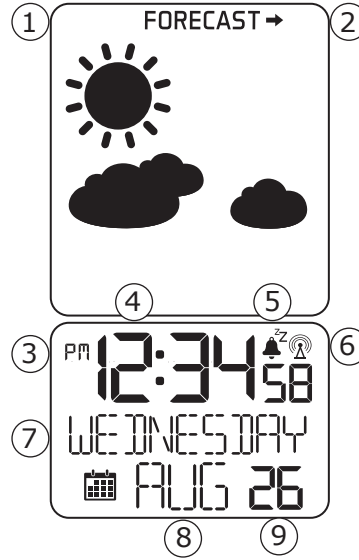
# LCD Features

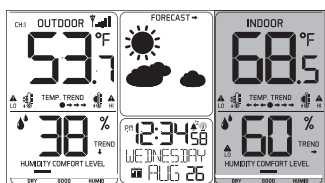


- ① Channel Indicator
- ② Outdoor Temperature
- ③ Sensor Reception Icon
- ④ Outdoor Temperature LO Alert
- ⑤ Temperature Trend Indicator
- ⑥ Outdoor Temperature HI Alert
- ⑦ Outdoor Humidity
- ⑧ Humidity Trend Arrow
- ⑨ Humidity Comfort Level

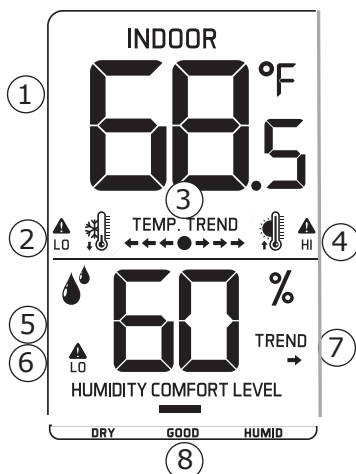


- ① Forecast Icons
- ② Forecast Trend Arrow
- ③ AM | PM
- ④ Atomic Time
- ⑤ Alarm | Snooze
- ⑥ Atomic Reception Tower
- ⑦ Weekday
- ⑧ Month
- ⑨ Date

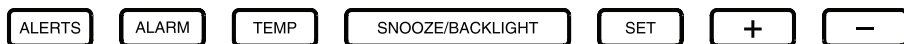




- ① Indoor Temperature
- ② Indoor Temperature LO Alert
- ③ Temperature Trend Indicator
- ④ Indoor Temperature HI Alert
- ⑤ Indoor Humidity
- ⑥ Humidity LO Alert
- ⑦ Humidity Trend Arrow
- ⑧ Humidity Comfort Level

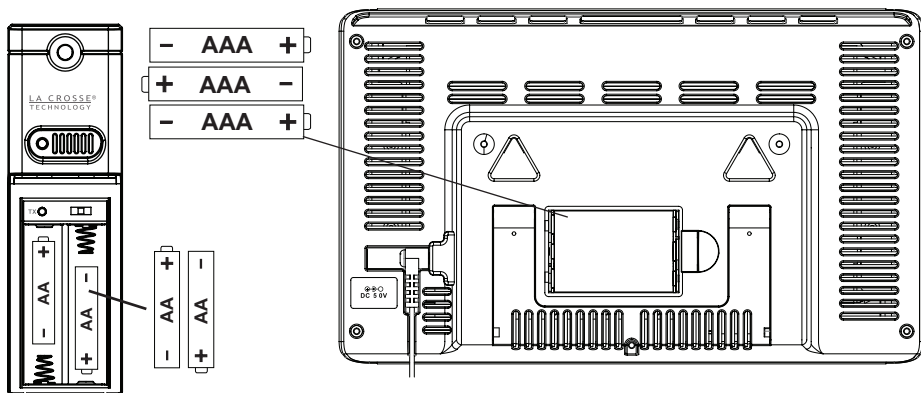


## Buttons



## Setup

1. Insert 2-AA batteries (included) into the TX141TH-BCH sensor. Observe correct polarity.
2. Insert 5.0 volt AC cord into an outlet, then into the weather station.
3. (Optional): insert 3-AAA batteries (included) into the weather station. Observe correct polarity.
4. Set Time Zone, Time, Date etc.
5. After 5 minutes, place sensor outside in a shaded location.



Atomic Time

- From normal time display, press and release the **TIME 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:  
[www.nist.gov/pml/div688/grp40/wwvb.cfm](http://www.nist.gov/pml/div688/grp40/wwvb.cfm)

Set Time Zone, Time, Date, etc.

Note: Press one button at a time when setting the station.

1. Hold 2 seconds, then release the **TIME SET** button to enter time set mode.
2. Press and release the **+/-** buttons to adjust values.
3. Press and release the **TIME SET** button to confirm adjustments and move to the next item.

Settings order:

1. Beep ON/OFF
2. Atomic ON/OFF
3. Time Zone
4. DST Indicator,
5. 12/24 Hour Time Format
6. Hour
7. Minutes,
8. Year
9. Month
10. Date
11. Fahrenheit/Celsius
12. Language English | Español

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

To begin: Hold the **SET** button 2 seconds, then release, to enter the settings menu:

1. BEEP ON | OFF



2. Atomic ON | OFF



When Atomic OFF is selected, move directly to 12/24 hour time.

### 3. Time Zone

TIMEZONE  
EST

Set Time Zone  
to your area  
for the hours  
to be correct.

### 4. DST ON | OFF

DST  
ON

DST  
OFF

### 5. 12Hour | 24 Hour

12H  
TIME

24H  
TIME

### 6. Hour | 7. Minutes

AM 12:00  
HOUR

AM 12:45  
MINUTES

### 8. Year | 9. Month | 10. Date

20 15  
SET YEAR

SET MONTH  
AUG

SET DATE  
28

Weekday will adjust once the year, month, and date are set.

### 11. Fahrenheit | Celsius

OUTDOOR OF OF  
OF SET

OUTDOOR °C °C  
°C SET

### 12. English | Español

WEEKDAY  
ENG

WEEKDAY  
ESP

## **Backlight (HI-LOW-OFF)**

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

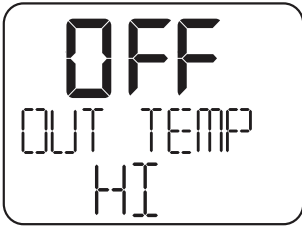
# Set Temperature Alerts

1. Hold 2 seconds, then release the **ALERTS** button to enter alert set mode.
2. Outdoor HI TEMP will flash OFF or ON.
3. Press and release the **+/-** buttons to select ON.  
(If disarmed (OFF) skip the alert value and move to next alert)
4. Press and release ALERTS button and alarm value will flash.
2. Press and release the **+/-** buttons to adjust values.
3. Press and release the **ALERTS** button to confirm adjustments and move to the next item.

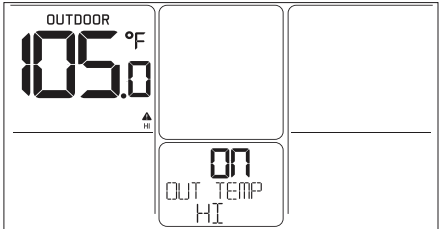
## Alert setting order:

- Outdoor Temp HI
- Outdoor Temp LO
- Outdoor Hum HI
- Outdoor Hum LO
- Indoor Temp HI
- Indoor Temp LO
- Indoor Hum HI
- Indoor Hum LO

Default is OFF

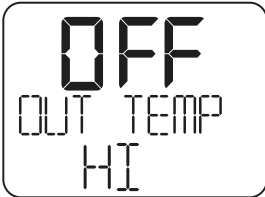


**+/-** button-ON  
Alert button-Value flashes

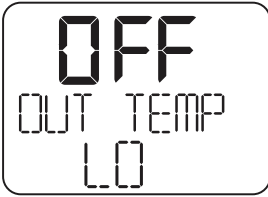


Use the **+/-** buttons to adjust value.  
Press **ALERTS** button to continue.

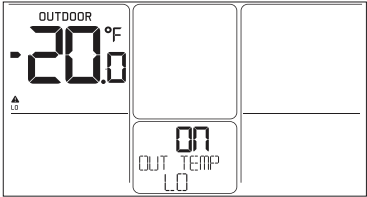
Default (OFF)



Default (OFF)



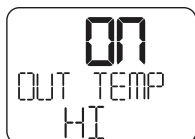
Turn ON with **+/-** buttons



Note: When no HI or LO Temperature Alert is set, OFF will show. ▶

## Arm/Disarm Temperature Alerts

- Hold 2 seconds, then release the **ALERTS** button to view High and Low alerts with flashing.
- Press the **PLUS** button to arm an alert.
- Press the **MINUS** button to disarm an alert.



## Alarm Time

The alarm will be active when alarm time is set.

1. Hold the **ALARM** button for 3 seconds to enter alarm settings.
2. The HOUR will show.
3. Press the **+/-**-buttons to adjust.
4. Press **ALARM** to confirm and move to the minutes
5. The MINUTES will show.
6. Press the **+/-** buttons to adjust.
7. Press **ALARM** to confirm and exit settings.

Alarm Hour



Alarm Minutes



## Deactivate/Activate Alarm

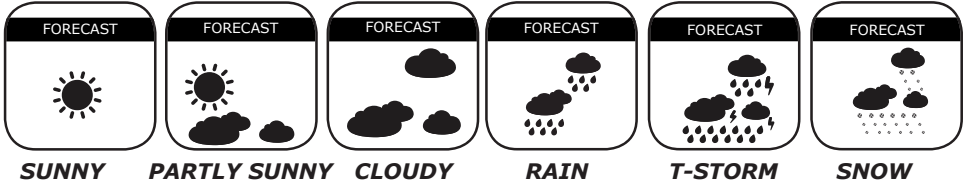
- The alarm is active when set.
- Press and release the **ALARM** button to view alarm time. Then press and release the **ALARM** button to deactivate or activate the alarm.
- The alarm icon (bell) will show when active.

## Snooze

- When the alarm sounds, press the **SNOOZE** button to silence the alarm for 10 minutes.
- The snooze icon **Zz** will flash.
- Press any button except **SNOOZE** to silence the alarm for 24 hours.

**Forecast**

- 1. The weather station offers these 6 forecast icons based on barometric pressure.
- 2. When the forecast would normally be Rain or T-Storm and the outdoor temperature is below 32°F, the forecast will show Snow.
- 3. Wind indicators will show on T-Storm and Snow forecast.



**Intelligent Weather Forecast:**

This station learns. Please allow 7-10 days for barometric calibration. Six forecast icons use changing atmospheric pressure to predict weather conditions for the next 12-hours with 70-75% accuracy.

**Forecast Trend Arrows**

- Falling:** Weather will worsen
- Steady:** No change
- Rising:** Weather will improve



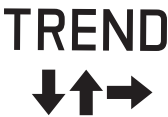
**Temperature Trend Arrows**

- The temperature (2°F / 1°C) trend indicators update every 30 minutes.
- 3 hrs. increments which changes on every ½ hour e.g.:  
At 3:00 — compares to 12:00 data; at 3:30 — compares to 12:30, etc.

Right Scrolls Right	Falling Scrolls Left	Steady No Scroll
TEMP. TREND ● → → → ↑	↓ → → → ●	← ● →

**Humidity Trend Arrows**

The humidity (3% RH) trend indicators update every 30 minutes or less.



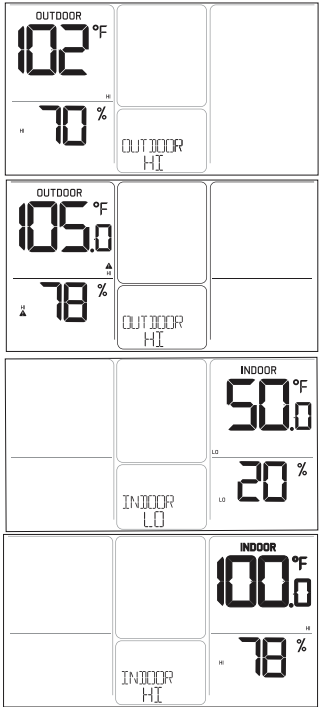


# LO/HI Temperatures

The forecast station automatically resets the HI/LO temperatures at midnight (12:00 AM).

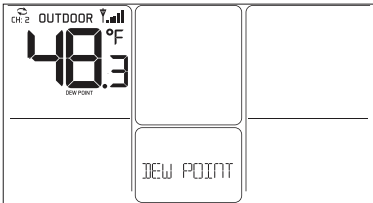
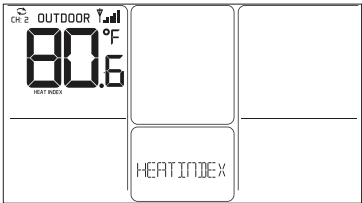
Press and release the **MINUS** button to toggle through the LO and HI temperature and humidity readings.

1. Press the MINUS button once to view Outdoor LO temperature/humidity records.
2. Press MINUS again to view the Outdoor HI temperature/humidity records.
3. Press MINUS again to view the Indoor LO temperature/humidity records.
4. Press MINUS again to view the Indoor HI temperature/humidity records.



# Heat Index / Dew Point

Press the **HEAT/DEW** button to toggle between Heat Index and Dew Point. Each feature will display for 10 seconds then return to default display if the button is not pressed again.



**Tip:** If you are using multiple sensors, press the **PLUS** button to select the channel before pressing the **HEAT/DEW** button to view Heat Index for that sensor.

## Channel Selection

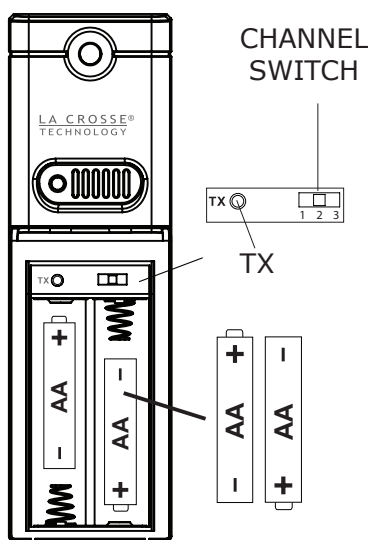
- When first powered on, the station will rotate through all 3 channels for 3 minutes then settle on channel 1.
- Press the **PLUS** button to toggle between sensor channels when multiple sensors are used.
- After initial setup, channel 2 and channel 3 will not show unless additional sensors connected.

## Using Multiple Sensors

Your forecast station can read up to 3 TX141TH-BCH sensors.

### **Add Sensors:**

- Remove battery covers from all sensors.
- Set each sensor to a different channel with the switch.
- Insert batteries into all sensors.
- Hold the **HEAT/DEW** button on the forecast station to search for sensors.
- Press the **TX** button on each sensor.
- After 15 minutes place, sensors in shaded locations.



## **Sensor Search**

- Hold the **HEAT/DEW** button for 3 seconds to search for the outdoor temperature/humidity sensor.
- The strength signal icon will animate until the sensor signal is received, or for 3 minutes if no signal available.



## **Low Battery**

- Battery by Outdoor Temperature, replace batteries in the sensor.
- Battery by Indoor Temperature, replace batteries in the Weather station.

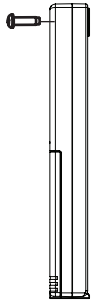
## **Restart**

When the outdoor readings show dashes:

- Bring the sensor in the house at least five feet from the forecast station.
- Remove batteries from the sensor, as well as, the batteries and AC adapter from the forecast station.
- Press any button 20 times.
- After 15 minutes insert batteries into the sensor and station and re-connect the adapter.
- Wait 15 minutes to establish a strong connection. Place sensor outside in shaded location.

## **Mount Temperature/Humidity Sensor**

- Insert the mounting screw through the front of the sensor and into the wall.
- Tighten the screw to snug (do not over tighten).
- Mount the sensor on a north-facing wall or in any well shaded location. Sun will make it read high.
- Under an eave or deck rail is preferred.
- Be sure the outdoor sensor is mounted vertically to drain moisture.
- The maximum wireless transmission range is over 300 feet (91 meters) in open air, not including walls or floors.



## **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.

## **Warranty and Support**

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.

**Before returning a product, please contact our friendly customer support with questions or visit our online help:**

**Phone:** 1-608-782-1610

**Online Product Support:**

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

**Product Registration:**

[www.lacrossetechnology.com/support/register](http://www.lacrossetechnology.com/support/register)

**View full warranty details online at:**

[www.lacrossetechnology.com/warranty\\_info.pdf](http://www.lacrossetechnology.com/warranty_info.pdf)

**Warranty Address:**

La Crosse Technology, Ltd

2830 S. 26th St.

La Crosse, WI 54601

**Protected under U.S. Patents:**

5,978,738 | 6,076,044 | RE43903

# Specifications

Indoor	<ul style="list-style-type: none"><li>• Temperature Range: 32°F to 122°F (0°C to 50°C)</li><li>• Humidity Range: 10% - 99% (RH)</li></ul>
Outdoor	<ul style="list-style-type: none"><li>• Temperature Range: -40°F to 140°F (-40°C to 60°C)</li><li>• Alkaline Batteries: -20°F to 140°F (-29°C to 60°C)</li><li>• Lithium Range: -40°F to 140°F (-40°C to 60°C)</li></ul> <p>Note: Temperatures below -20°F (-29°C) require Lithium batteries in the outdoor sensor</p> <ul style="list-style-type: none"><li>• Humidity Range: 10% - 99% (RH)</li><li>• Distance: Over 300 ft. (91 meters) RF 433MHz (open air)</li></ul>
Power	<ul style="list-style-type: none"><li>• Forecast Station Primary AC Power: 5-volt AC power adapter</li><li>• AC6 Adapter No.: GPU280500150WAOO</li><li>• Optional/Battery Backup: 3-AAA, IEC, LR3 batteries (included)</li><li>• TX141TH-BCH Sensor: 2-AA, IEC, LR6, batteries (included)</li></ul>
Battery Life	<ul style="list-style-type: none"><li>• Forecast Station Battery Backup: Battery life is over 36 months when using the AC adapter for primary power</li><li>• TX141TH-BCH Sensor: Battery life is over 24 months when using reputable battery brands for both alkaline and lithium batteries</li></ul>
Dimensions	<ul style="list-style-type: none"><li>• Forecast Station: 8.27" L x 2.34" W x 5.48" H (210 x 59.43 x 139.2 mm)</li><li>• TX141TH-BCH Sensor: 1.57" L x 0.79" W x 5.12" H (40 x 20 x 130 mm)</li></ul>

## **Visit Us on Social Media**



For personalized interaction  
[http://bit.ly/LaxTech\\_Facebook](http://bit.ly/LaxTech_Facebook)



Latest video content  
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Join the conversation  
[http://bit.ly/LaxTech\\_Twitter](http://bit.ly/LaxTech_Twitter)



Pin and share  
[http://bit.ly/LaxTech\\_Pinterest](http://bit.ly/LaxTech_Pinterest)

## **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 changes or modifications to this equipment. Such changes or modifications could void the user authority to operate the equipment.

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All trademarks and patents are recognized.

## **Canada Statement**

This device complies with CNR Industry Canada license -exempt devices.

Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.