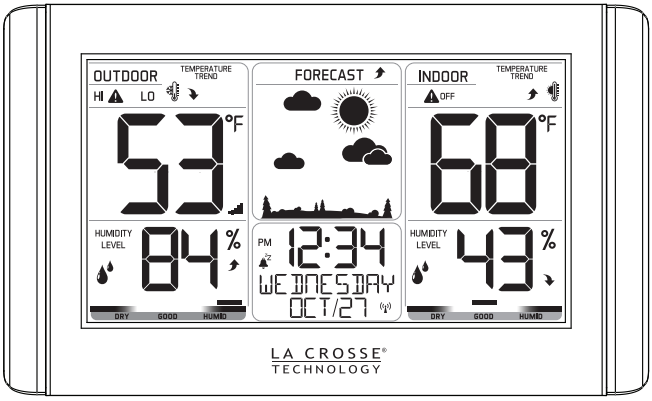
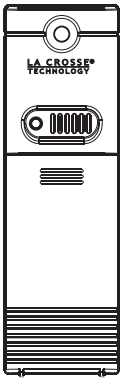
LA CROSSE®
TECHNOLOGY

Model: C85845
Instructional Manual
DC: 051816

Color Forecast Station





View online setup video at: http://bit.ly/LaxTechTalk

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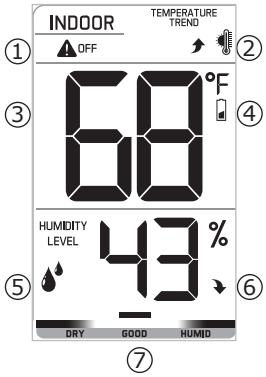

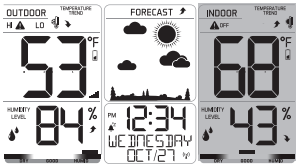

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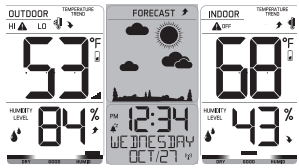

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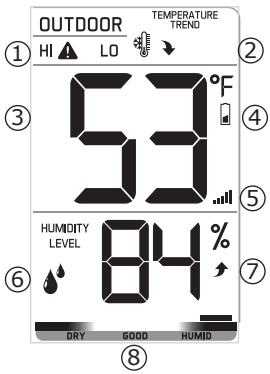
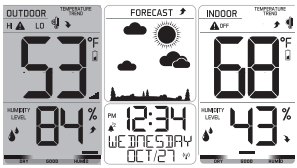


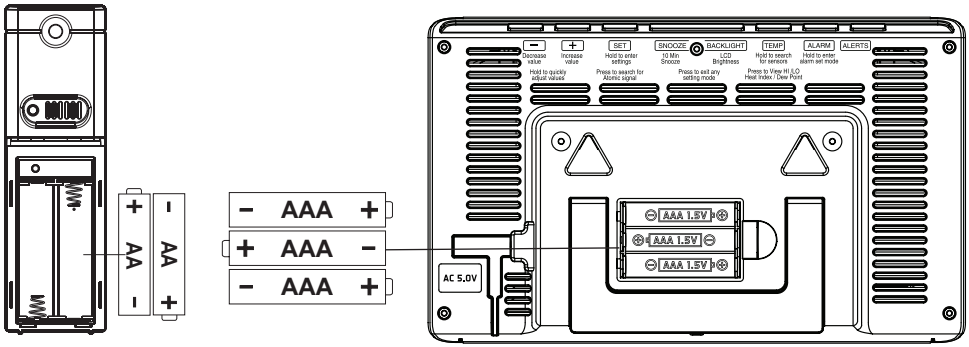


Buttons (on top)

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

Setup

1. Insert 2-AA batteries (included) into the TX141TH-Bv2 sensor. Observe correct polarity.
2. Insert 5.0 volt AC cord into the outlet, then into the weather station.
3. (Optional): insert 3-AAA batteries (included) into the weather station. Observe correct polarity.
4. Set language, time, date etc.
5. After 5 minutes, place sensor outside in a shaded location.



Atomic Time

- 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. The tower icon 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: www.nist.gov/pml/div688/grp40/wwvb.cfm

Set Language, Time, Date, etc.

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

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

Settings order:

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

Note: When Español is selected, instructions will be in Spanish.

To begin: Hold the **SET** button 3 seconds, then release, to enter the settings menu:

1. Language

2. Beep ON | OFF

3. Atomic ON | OFF

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

4. Time Zone

Time Zone

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

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

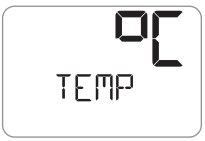
5. DST ON | OFF

6. 12Hour | 24 Hour

7. Hour | 8. Minutes

9. Year | 10. Month | 11. Date

12. Fahrenheit | Celsius



Note: Weekday will adjust when year, month, and date are set.

Alarm Time

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.

Hour | 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.

Backlight (HI-LOW-OFF)

- 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

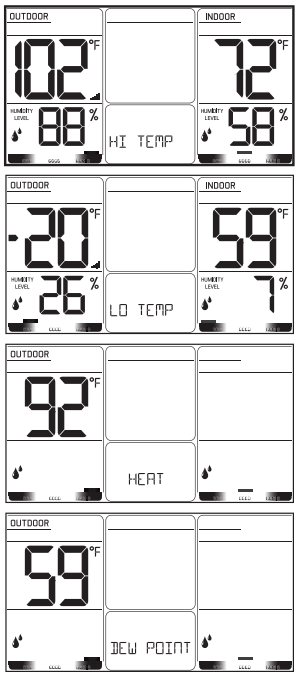
Indoor and Outdoor comfort charts inform you when the humidity is at a comfortable or uncomfortable level. The bar over the chart will move and change colors to indicate the humidity level.

Daily HI/LO Data

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.



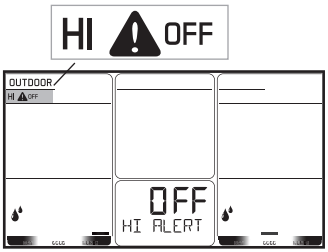
Temperature/Humidity Alerts

First you will arm the alert you wish to set, then you set the alert value. If an alert is not armed (OFF), you will skip that alert value and move to arm the next alert.

1. Hold, then release the **ALERTS** button to enter alert set mode.
2. Press and release the **+/-** buttons to arm (ON) the alert if you wish to set it (leave alert OFF to skip and move to next alert).
3. When the alert is armed (ON) press and release the **ALERTS** button to move to the alert value.
4. Press and release the **+/-** buttons to adjust alert values.
5. Press and release the **ALERTS** button to confirm & move to the next alert.
6. Press the **BACKLIGHT** button at any time to exit settings.

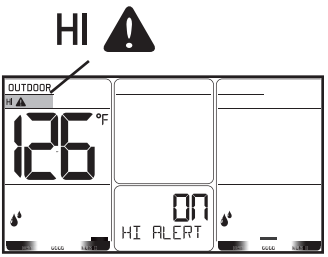
Alert Setting Order:

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



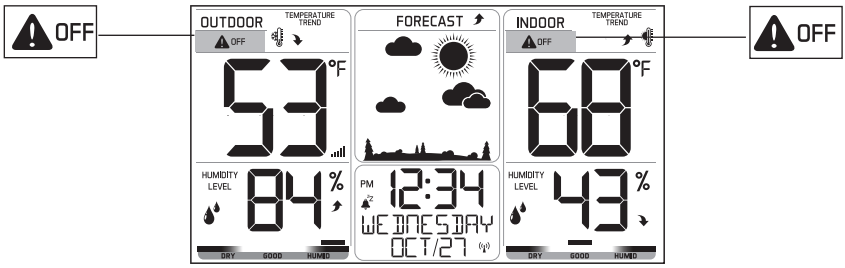
- Outdoor HIGH Humidity ON/OFF
- Outdoor HIGH Humidity Value
- Outdoor LOW Humidity ON/OFF
- Outdoor LOW Humidity Value

- 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

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

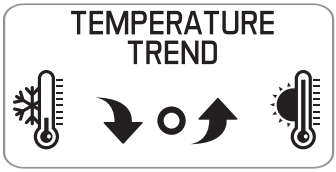


Temperature Trend Arrows

The temperature trend indicators update with every 15 minutes and look back over the past hour.
- Change in temperature (2°F / 1°C).
- 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 Arrows

The humidity trend indicators update with every 15 minutes and look back over the past hour.
- Change in humidity (3%RH).
- 1 hr 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

Up Arrow: humidity has risen in past hour

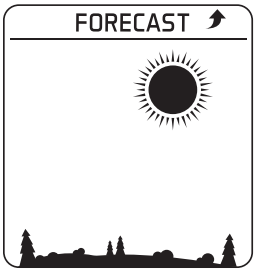
Down Arrow: humidity has fallen in past hour

Sensor Search

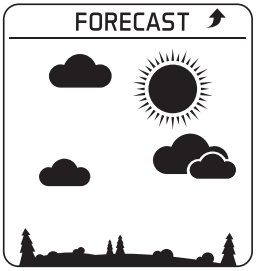
- Hold the **TEMP** button for 3 seconds to search for the outdoor temperature/humidity sensor.
- The strength signal icon will animate until the sensor signal is received, or for 3 minutes if no signal available.

Forecast

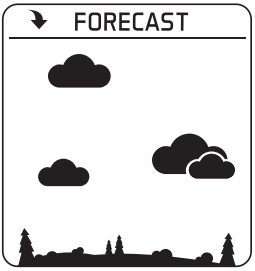
1. The weather station offers these 6 forecast icons based on barometric pressure.
2. When the forecast would normally be Rain or T-Storm and the outdoor temperature is below 32°F, the forecast will show Snow.
3. Wind indicators will show on T-Storm and Snow forecast.



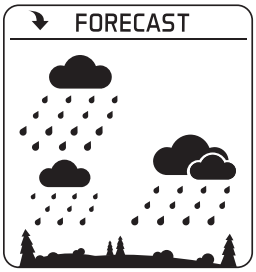
SUNNY



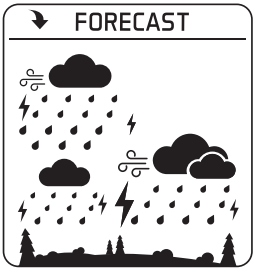
PARTLY SUNNY



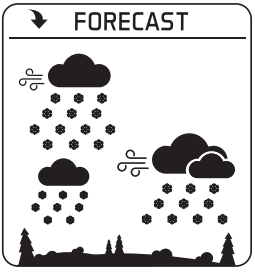
CLOUDY



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.

Forecast Trend Arrows

FORECAST

Pressure is rising. Weather is expected to improve.

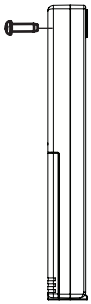
FORECAST

Pressure is falling. Weather is expected to worsen.

Low Battery

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

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

Product Registration:
www.lacrossetechnology.com/support/register

View full warranty details online at:
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	• Temperature Range: 32°F to 122°F (0°C to 50°C) • Humidity Range: 10% - 99% (RH)
Outdoor	• Temperature Range: -40°F to 140°F (-40°C to 60°C) • Alkaline Batteries: -20°F to 140°F (-29°C to 60°C) • Lithium Batteries: -40°F to 140°F (-40°C to 60°C) Note: Temperatures below -20°F (-29°C) require Lithium batteries in the outdoor sensor • Humidity Range: 10% - 99% (RH) • Distance: Over 300 ft. (91 meters) RF 433MHz (open air)
Power	• Forecast Station Primary AC Power: 5.0 volt AC power adapter • AC6 Adapter No.: GPU280500150WAOO • Optional/Battery Backup: 3-AAA, IEC, LR3 batteries (included) • TX141TH-Bv2 Sensor: 2-AA, IEC, LR6, batteries (included)
Battery Life	• Forecast Station Battery Backup: Battery life is over 36 months when using the AC adapter for primary power • TX141TH-Bv2 Sensor: Battery life is over 24 months when using reputable battery brands
Dimensions	• Forecast Station: 8.98" W x 5.43" T x 1.0" D (22.8cm W x 13.8cm T x 2.6 cm D) • TX141TH-Bv2 Sensor: 1.57" W x 5.12" T x 0.79" D (4.0cm W x 13.0cm T x 2.0cm D)

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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.

This booklet may contain errors or misprints. The information it contains is regularly checked and corrections are included in subsequent editions. We disclaim any responsibility for any technical error or printing error, or their consequences.

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.