LA CROSSE® TECHNOLOGY

Wireless Weather Station
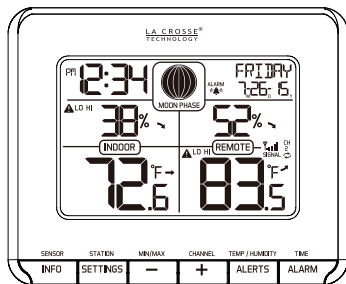
You Tube For online video support: http://bit.ly/LaxTechTalk

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Buttons

SENSOR	STATION	MIN/MAX	CHANNEL	TEMP / HUMIDITY	TIME
INFO	SETTINGS	—	+	ALERTS	ALARM
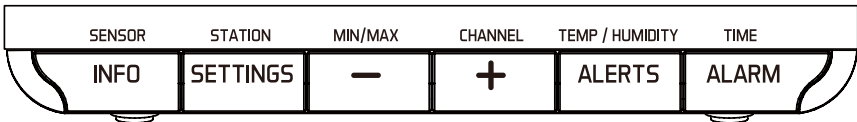
Setup

1. Insert 2-AA batteries (not included) into the TX141TH-BCH sensor. Observe correct polarity.
2. Insert 2-AA batteries (not included) into the weather station. Observe correct polarity.
3. Set time, date etc.
4. After 5 minutes, place sensor outside in a shaded location.
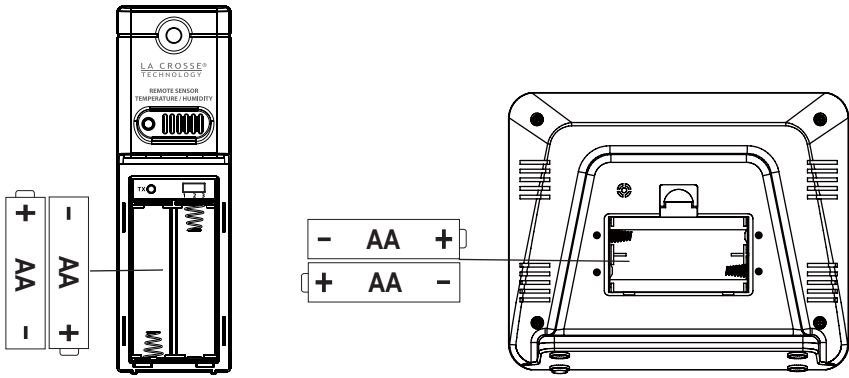
Set Time, Date, etc.

> **Tip:** Press one button at a time when setting the station.

- Hold, then release the **SETTINGS** button to enter time set mode.
- Press and release the **+/-** buttons to adjust the values. Hold to adjust quickly.
- Press and release the **SETTINGS** button to confirm and move to the next item.
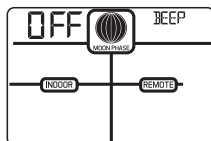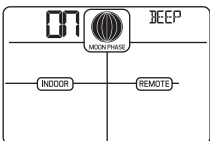
Settings order:
1. Beep ON | OFF
2. 12/24 Hour Time
3. Hour
4. Minutes
5. Year
6. Month
7. Date
8. Fahrenheit/Celsius
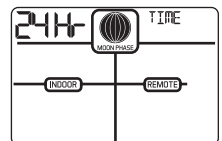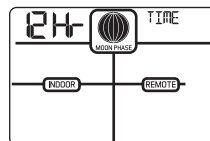9. Month/Day or Day/Month format

> Note: Weekday & Moon Phase will adjust when year, month, and date are set.

To begin: Hold the **SETTINGS** button 3 seconds, then release, to enter the settings menu:
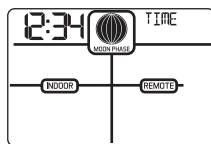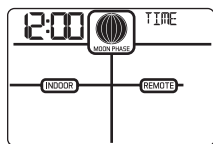
1. Beep ON	OFF	2. 12 Hour	24 Hour

3. Hour | 4. Minutes

5. Year | 6. Month | 7. Date

8. Fahrenheit | Celsius

9. Month/Day | Day/Month
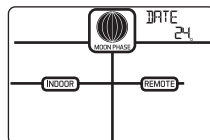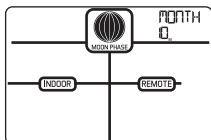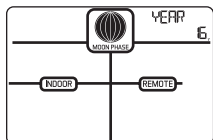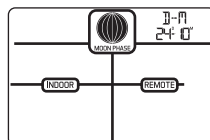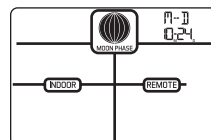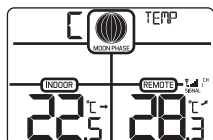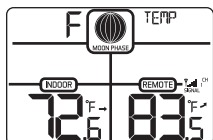
Tip: Station will default to normal time display if no button is pressed for 10 seconds.

Alarm Time

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

Hour | Minutes
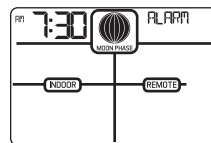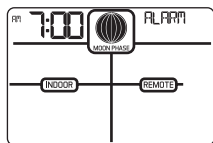
Setting the alarm time and activating the alarm are separate steps.

Deactivate/Activate Alarm

• 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.

Inactive

Active
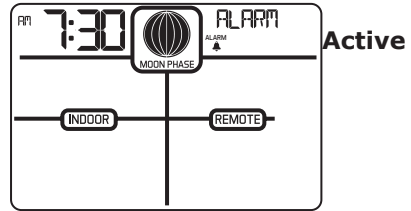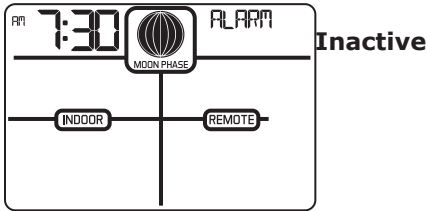
Snooze

• When the alarm sounds, press the **ALARM** button to silence the alarm for 10 minutes.
• The snooze icon **Zz** will flash.
• Press any button except **ALARM** to silence the alarm for 24 hours.
• The alarm is a crescendo alarm that will run for 2 minutes then stop, if no buttons are pressed.

Heat Index | Dew Point | Mold Risk

Press the **INFO** button repeatedly to toggle between:
• Heat Index.
• Dew Point.
• Mold Risk.

Heat Index, Dew Point and Mold Risk indicators are available for up to three remote locations (when using multiple remote sensors).
When using multiple sensors press the **+** button to view readings on a different channel.
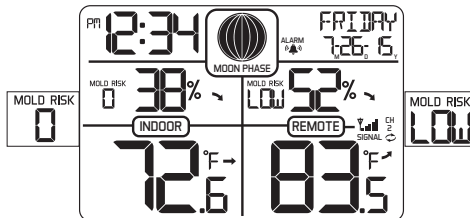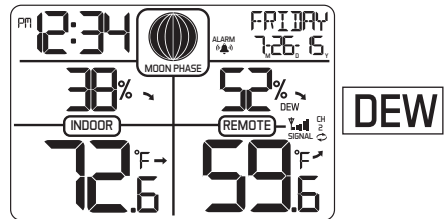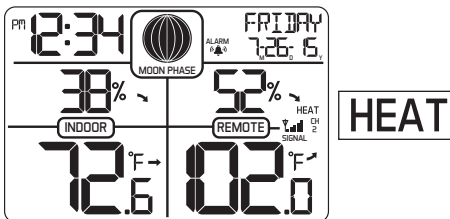
Temperature/Humidity Alerts

> **Tip:** Setting the alerts is one step. Arming the alerts is a separate step (see below).

• Hold, then release the **ALERTS** button until the Indoor Humidity HI alert value flashes.
• Press and release the **+/-** buttons to adjust the value. Hold to adjust quickly.
• Press and release the **ALERTS** button to confirm and move to the next alert.

Alert order:

Indoor Humidity HI | LO
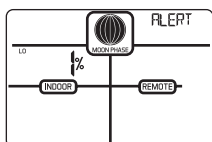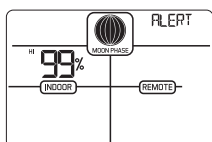
Indoor Temperature HI | LO
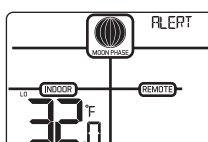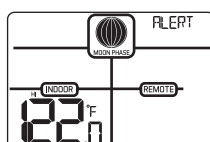
Remote Humidity HI | LO
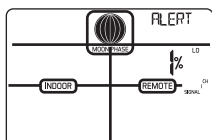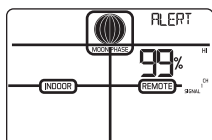
Remote Temperature HI | LO
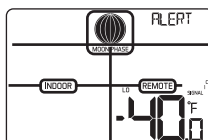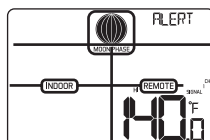
Arm | Disarm Alerts

1. Press and release the ALERTS button so the Indoor Humidity HI alert shows.
   • Press **+/-** buttons to arm or disarm.
2. Repeat step 1 to arm/disarm the other alerts.
3. The triangle alert icon shows when armed.

⚠ LO HI

Active Alerts

• When an alert is ringing, corresponding alert icon will flash.
• The alert will beep once per minute, until the temperature or humidity is out of alert range.
• Press any button to stop alert sound. The alert icon will show solid.

Temperature | Humidity Trend Arrows

The temperature and humidity trend indicators update with every 30 minutes and look back over the past 3 hours.
• Change in temperature (2°F / 1°C).
• Change in humidity (3%RH).
• 3 hrs comparison which changes on every 1/4 hour

E.g.: At 1:00 -compare to 10:00 data; at 1:30 -compare to 10:30 etc.

Up Arrow: risen in past 3 hours

Right Arrow: no change in past 3 hours

Down Arrow: fallen in past 3 hours

MIN | MAX Temperature/Humidity

The station automatically resets minimum and maximum values daily at midnight (12:00 AM).

• Press and release the **MINMAX/-** button to view minimum and maximum values.
• Hold the **MINMAX/-** button to manually reset minimum and maximum values.
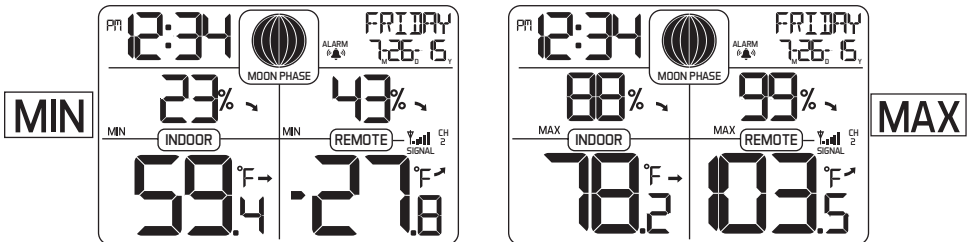
Sensor Search

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

Channel Indicator | Auto scroll

• Press the **PLUS** button to view remote sensor channels.
• The weather station will automatically scroll through the channels
  when the circling arrows show below the channel number.
• Press and release the **PLUS** button to lock the weather station into
  one channel.

> Note: When multiple remote sensors are used, Heat Index,
> Dew Point and Mold Risk will be available for each remote sensor.

Channel Indicator   CH   Channel Scroll

123

Setup with Multiple Sensors

The weather station will accommodate up to three remote sensors
(TX141TH-BCH).

To connect multiple remote sensors to the weather station:
1. Remove the battery cover from all the sensors.
2. Set the first remote sensor to Channel 1 and insert 2 AA batteries.
3. Set the second remote sensor to Channel 2 and insert 2 AA
    batteries.
4. Set the third remote sensor to Channel 3 and insert 2 AA batteries.
5. Hold the **INFO** button on the weather station for 5 seconds.
    The weather station will search for all remote sensors.
6. Press the **TX** button on each remote sensor to transmit RF signal.
7. When RF connection is established, the temperature & humidity for
    each of the selected channels will appear on the main unit.
8. Allow the sensors and the weather station to stay 5-10 feet apart
    for 15 minutes to establish a solid connection.
9. Install the battery covers on each sensor.
10. After 15 minutes place the remote sensors in shaded locations.

Press and release the **PLUS** button to view channel 1, 2 or 3 on the
weather station when multiple sensors are used.
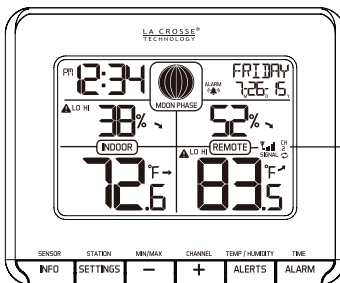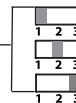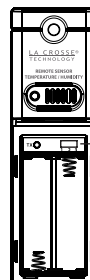
Moon Phase

Moon phase is based on the lunar calendar and the time and date set on the weather station.
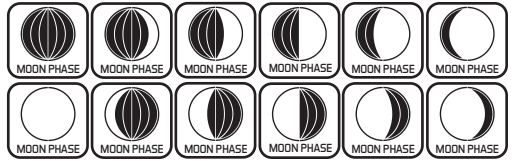
Low Battery ▭ ▮

- Battery by Remote Temperature, replace batteries in the sensor.
- Battery by Indoor Temperature, replace batteries in the weather station.

Mount Temperature/Humidity Sensor

Indoor use: Mount the Remote Sensor indoors to monitor high mold risk areas like in a crawl space or basement.

● The maximum wireless transmission range to the weather station is over 300 feet (91 meters) in open air.

● Walls or floors decrease the transmission range.

Outdoor use:
● Be sure the remote sensor is mounted vertically.

● 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 remote 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.
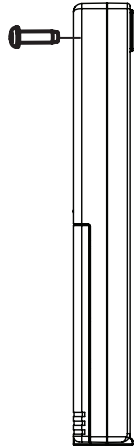
Care and Maintenance

• 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)

Remote	• 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 remote sensor
	• Humidity Range: 10% - 99% (RH)
	• Distance: Over 300 ft. (91 meters)
	           RF 433MHz (open air)

Power	• Weather Station
	  2-AA, IEC, LR6 batteries (not included)
	• TX141TH-BCH Sensor:
	   2-AA, IEC, LR6, batteries (not included)

Battery Life	• Weather Station
	  Battery life is over 12 months when using
	  reputable battery brands
	• TX141TH-BCH Sensor:
	  Battery life is over 24 months when using
	  reputable battery brands

Dimensions	• Weather Station:
	  5.40" L x 1.68" W x 4.40" H
	  (13.71 cm L x 4.27 cm W x 11.18 cm H)
	• TX141TH-BCH 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.

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.