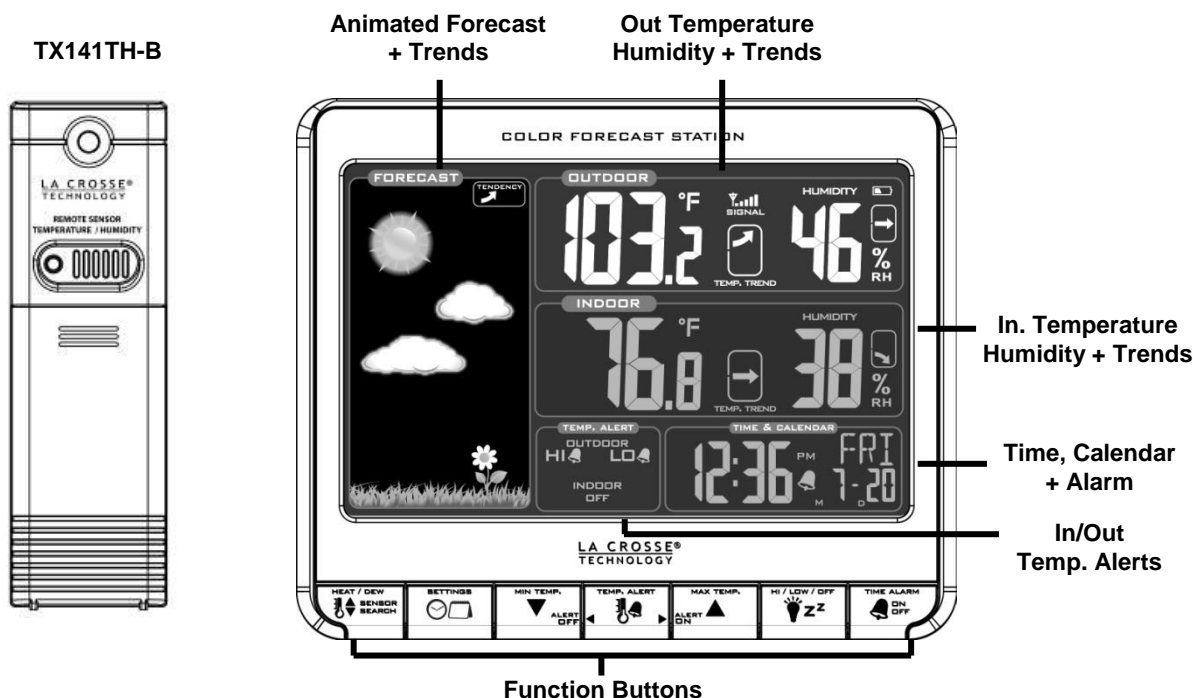


This Wireless Color Forecast Station with backlit display provides real-time weather straight from your backyard. It has a USB charging port to charge your smartphone or other device. The animated color forecast icons react to changing barometric pressure. Monitor indoor and outdoor temperature with daily min/mix records and humidity, track weather trends and set your own high and low temperature alerts--all in one convenient device for your desktop or bedside table. It also features heat index, dew point, digital time and date with snooze alarm, and has a wireless transmission range of over 200 ft. to the backyard temp./humidity sensor.

Wireless Color Forecast Station with TX141TH-B Outdoor Transmitter



Get Support: www.lacrossetechnology.com/t83653

Initial Startup

Step 1: Insert the included 5-volt AC power adapter into forecast station and then into wall outlet.

Step 2: Insert 3 NEW AAA batteries (not included) into the forecast station. Observe the correct polarity.

Step 3: Insert 2 NEW AA batteries (not included) into the TX141TH-B transmitter. Observe the correct polarity.

Restart: If there is no outdoor temperature data after 3 minutes, unplug the AC adapter and remove batteries from the forecast station & transmitter for 15 minutes. Return to **Step 1** above.

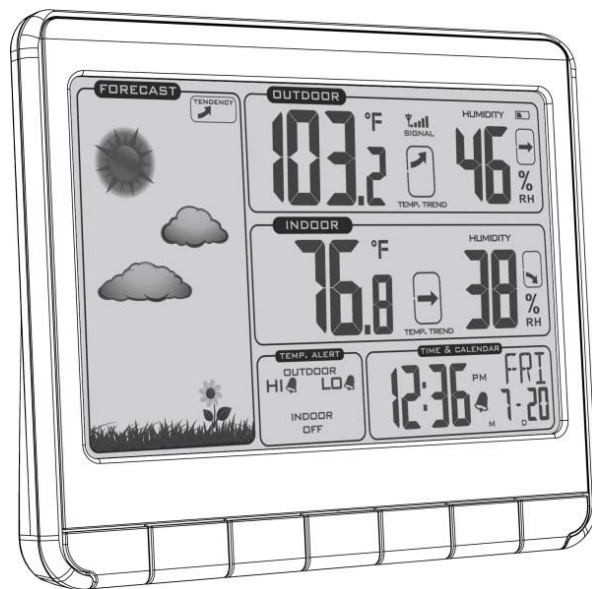
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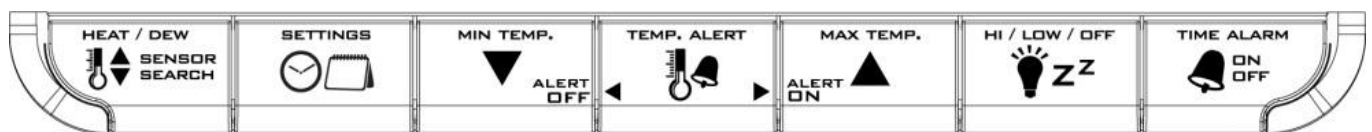
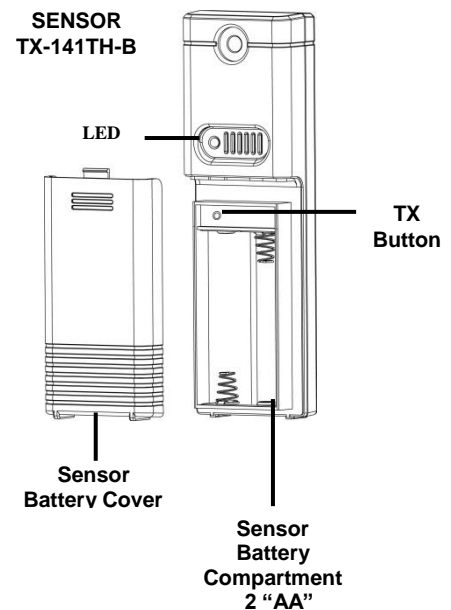
Features

- Color forecast changes based on barometric pressure
- Forecast tendency indicator
- Outdoor temperature (°F/°C)
- Signal strength icon for sensor transmission
- Outdoor temp. trend indicator
- Outdoor humidity (%RH)
- Low battery icon for station
- Outdoor humidity trend indicator
- Indoor temperature (°F/°C)
- Indoor temp. trend indicator
- Indoor humidity (%RH)
- Indoor humidity trend indicator
- Customizable IN/OUT temp. alerts
- 12/24 hour time (manual setting)
- Calendar: month/day/date
- Min/Max IN/OUT temp. readings (°F/°C)
- Heat index and dew point readings
- Low battery icon for sensor
- USB charging port for mobile devices
- Sits on desktop or tabletop
- 5.0V AC adapter (included) OR optional 3 "AAA" Alkaline batteries (not included)

Function Buttons



FRONT VIEW



Buttons

Program Menu (set 12/24 hour, time, calendar, °F or °C)

The program menu allows you to select your preferences:

- 12/24-Hour Time Format
- Hour
- Minutes
- Year
- Month
- Date
- Celsius/Fahrenheit

Program menu buttons:

1. Hold the **SETTINGS** button to enter time set mode.
2. To adjust values press the **DOWN or UP ARROW** buttons.
3. Press the **SETTINGS** button to confirm adjustments and move to the next item.

12-hour or 24-hour Time Format

The Time may be displayed in 12-hour or 24-hour format. Default is 12-hour time.

Note: When in 12-hour format, AM or PM will show in front of the hour.

1. Hold the **SETTINGS** button for three seconds to enter time set mode.
2. **12H** will flash.
3. Use the **ARROW** buttons to choose 12-hour or 24-hour time format.
4. Press the **SETTINGS** button to confirm, and move to set time.



Set Time

Set the time manually:

1. The **hour** digit will flash.
2. Use the **ARROW** buttons to choose the hour.
3. Press the **SETTINGS** button to confirm and move to minutes.
4. The **minutes** will flash.
5. Use the **ARROW** buttons to choose the minutes.
6. Press the **SETTINGS** button to confirm and move to set calendar.



Set Calendar

Set the calendar:

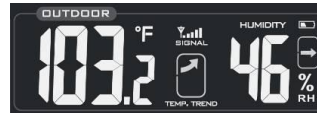
1. The **year** will flash.
 2. Use the **ARROW** buttons to choose the year.
 3. Press the **SETTINGS** button to confirm and move to the month.
 4. The **month** will flash.
 5. Use the **ARROW** buttons to choose the month.
 6. Press the **SETTINGS** button to confirm and move to the date.
 7. The **date** will flash.
 8. Use the **ARROW** buttons to choose the date.
 9. Press the **SETTINGS** button to confirm and move to Fahrenheit/Celsius.
- Note:** The day of the week will set automatically once the year, month and date are set.



Fahrenheit/Celsius

1. **°F or °C** will flash.
2. Use the **ARROW** buttons to select Fahrenheit or Celsius.
3. Press and release the **SETTINGS** button to confirm and exit the program menu.

Note: When no buttons are pressed for ten seconds, the forecast station will save the last change and default back to a normal time display.



Alarm Time

Time alarm buttons:

1. Hold the **TIME ALARM** button to enter alarm set mode.
2. To adjust values press the **DOWN or UP ARROW** buttons.
3. Press the **TIME ALARM** button to confirm adjustments and move to the next item.

Set Time Alarm

1. Hold the TIME ALARM button for three seconds to enter alarm set mode.
2. The **hour** will flash and the word ALARM will flash above the hour.
3. Use the ARROW buttons to set the hour.
4. Press the TIME ALARM button to confirm and switch to minutes.
5. The **minutes** will flash.
6. Use the ARROW buttons to set the minutes.
7. Press TIME ALARM button to confirm.
8. Press the SETTINGS button to return to normal mode

Note: When no buttons are pressed for ten seconds, the forecast station will save the last change and default back to normal mode.

Activate/Deactivate Time Alarm

- In normal mode, press and release the TIME ALARM button once to show alarm time.
- Press and release the TIME ALARM button repeatedly to activate/deactivate the alarm.
- The bell icon appears when alarm is activated.



Note: The alarm will ring for 2 minutes then turn off if no buttons are pressed.

Snooze

- When the alarm sounds, press the HI/LOW/OFF button to snooze the alarm for 10 minutes.
- The snooze option can be repeated three times.
- The alarm bell icon will flash while the snooze feature is active.

Note: While the alarm sounds, any button **except** the TIME ALARM button will turn the alarm off.

USB Charge Port

Charge a smart phone, camera or other devices when the forecast station is plugged into a power outlet with the included 5V AC adapter.



Note: This is a power-output charging port. It does not supply power to the projection alarm.

- Connect your external device's USB charging cable (not included) to the USB charging port.
- Charging times will vary.
- USB Power Output: 1A maximum current. Charge 1A devices or devices that are self-regulating.

Note: Some USB cables are for data transfer only and cannot be used for charging. Make sure that the USB cable you use will charge your device. Most USB cables included with mobile devices will work for charging.

Backlight

AC Adapter

The backlight is always on when operating the forecast station with the 5-volt AC adapter. The backlight has three settings: High, Low and OFF for your comfort.

- **HIGH:** The backlight will default to HI at setup when the adapter is in use.
- **LOW:** Press and release the HI/LOW/OFF button to dim the backlight.
- **OFF:** Press and release the HI/LOW/OFF button again to turn the backlight off.

Note: When the AC adapter is NOT in use, the HI/LOW/OFF light feature is not available.

Note: When the backlight is off, press any button to activate the backlight for 10 seconds.

Battery Power

When operating on battery power only, press and release any button and the backlight will show for 10 seconds.

Temperature Alerts

Note: Setting the temperature alerts are **separate** from turning the alerts ON or OFF.

Temperature alert buttons:

1. Hold the **TEMP ALERTS** button until the station beeps.
2. The temperature alert value will blink in set mode.
3. To adjust alert values press the **DOWN or UP ARROW** buttons.
4. Press the **TEMP ALERTS** button to confirm & move to the next alert.

Select Temperature Alert Values

Temperature Alert **values** will flash individually in the outdoor or indoor temperature area when selected to be set. The alert is not active just from selecting the value.

Hold the TEMP ALERT button for five seconds to select and set temperature alert values. To skip an alert value and move to the next, simply press the TEMP ALERT button again.

1. **OUTDOOR HI** alert will flash.
2. Press the ARROW buttons to set the alert value.
3. Press the TEMP ALERT button to confirm and switch to OUTDOOR LO setting.
4. **OUTDOOR LO** alert will flash.
5. Press the ARROW buttons to set the alert value.
6. Press the TEMP ALERT button to confirm and switch to INDOOR HI setting.
7. **INDOOR HI** alert will flash.
8. Press the ARROW buttons to set the alert value.
9. Press the TEMP ALERT button to confirm and switch to INDOOR LO setting.
10. **INDOOR LO** alert will flash.
11. Press the ARROW buttons to choose the value.
12. Press the TEMP ALERT button to confirm and exit.

Note: After selecting temperature alert values, use the next step to turn arm or disarm alerts.

One or all of the HI and LO temperature alerts may be set.

- Range for indoor temperature alert: +32°F to +122°F (0°C to 50°C)
- Range for outdoor temperature alert: -40°F to 140°F (-40°C to 60°C)

Arm/Disarm Temperature Alerts

From a normal time display, press the TEMP ALERT button to view alerts in the window **TEMP. ALERT**.


- **UP ARROW** arms temperature alerts.
- **DOWN ARROW** disarms temperature alerts.
- **ALERT BELL ICON** appears when armed.

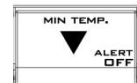
Note: When no temperature alerts are set, the Temperature Alert area will show ALERTS OFF.

1. In normal time mode, hold then release the TEMP ALERT button to toggle between:

- Outdoor HI
- Outdoor LO
- Indoor HI
- Indoor LO



2. Press the UP ARROW button to arm the selected alert.
3. The alert icon  appears when alarm is activated.
4. Press the DOWN ARROW button to disarm the selected alert.



Active Alert

- Beeps once per minute with flashing alert bell icon.
- Press any button to stop the alert.

Weather Forecast Icons

The forecast station predicts weather condition of the next 12 hours based on the change of atmospheric pressure with 70-75% accuracy. As weather conditions cannot be 100% correctly forecasted we are not responsible for any loss caused by an incorrect forecast.



INTELLIGENT WEATHER FORECAST

This station learns. Please allow 3 to 4 weeks for barometric calibration. This will ensure an accurate personal forecast for your location.

- The forecast station samples the barometric pressure every twelve minutes.
- These samples are averaged hourly and daily then stored in nonvolatile memory.
- The three hour pressure icon change is based off of the last four average hourly readings.

As the forecast station builds memory, it will compare the current average pressure to the past forty day average pressure for increased accuracy. The longer the forecast station operates in one location, the more accurate the forecast icons will be.

Forecast Trend Arrows

In the upper right corner of the forecast display, you can see forecast trend arrows that indicate the rising or falling pressure trend.

- The **up** trending arrow indicates the weather is improving.
- The **down** trending arrow indicates the weather may worsen.
- When there is **no arrow**, the pressure is steady.



Temperature Trend Arrows

The temperature (2°F/1°C) and humidity (3% RH) trend indicators update every 30 minutes or less.

Example: At 1:00pm, the arrow indicates the change in temperature since 10:00am. At 1:30pm, the arrow will indicate the temperature change since 10:30am.

- Temperature has risen in the past 3 hours.
- Humidity has risen in the past 3 hours.
- Temperature has **not changed** in 3 hours.
- Humidity has **not changed** in 3 hours.
- Temperature has fallen in the past 3 hours.
- Humidity has fallen in the past 3 hours



RISING



STEADY



FALLING

MIN/MAX Temperatures

The forecast station provides the daily minimum and maximum temperatures each day starting at midnight (12:00 AM). The forecast station automatically resets the min/max temperatures at midnight (12:00 AM).

- **View MIN data:** Press and release the MIN TEMP button to view the minimum Indoor and Outdoor Temperatures.
- **Reset MIN data:** Hold the MIN TEMP button for five seconds and the Indoor and all Outdoor Minimum Temperatures will be reset. The temperature area will show dashes briefly then return to current temperatures.
- **View MAX data:** Press and release the MAX TEMP button to view the maximum Indoor and Outdoor Temperatures.
- **Reset MAX data:** Hold the MAX TEMP button for five seconds and the Indoor and all Outdoor Maximum Temperatures will be reset. The temperature area will show dashes briefly then return to current temperatures.

Heat Index and Dew Point Temperature

Heat Index

Heat Index combines the effects of heat and humidity. It is the apparent temperature of how hot it feels to a human being. As humidity increases, the body is unable to cool effectively; therefore, the temperature will feel warmer.

View Heat Index: From a normal display, press the HEAT/DEW button once and Heat Index will show instead of the outdoor ambient temperature.

Note: Heat index will be the same number as the temperature until the outdoor temperature is above 80 °F (26.7°C).


Dew Point Temperature

Dew Point Temperature is the saturation point of the air, or the temperature to which the air has to cool in order to create condensation. The higher the dew points, the higher the moisture content of the air at a given temperature.

View Dew Point Temperature: From a normal display, press the HEAT/DEW button twice and Dew Point will show instead of the outdoor ambient temperature. The words Dew Point will show near outdoor temperatures.

Note: Dew Point is lower than the actual temperature.

Outdoor Temperature/Humidity Flashing

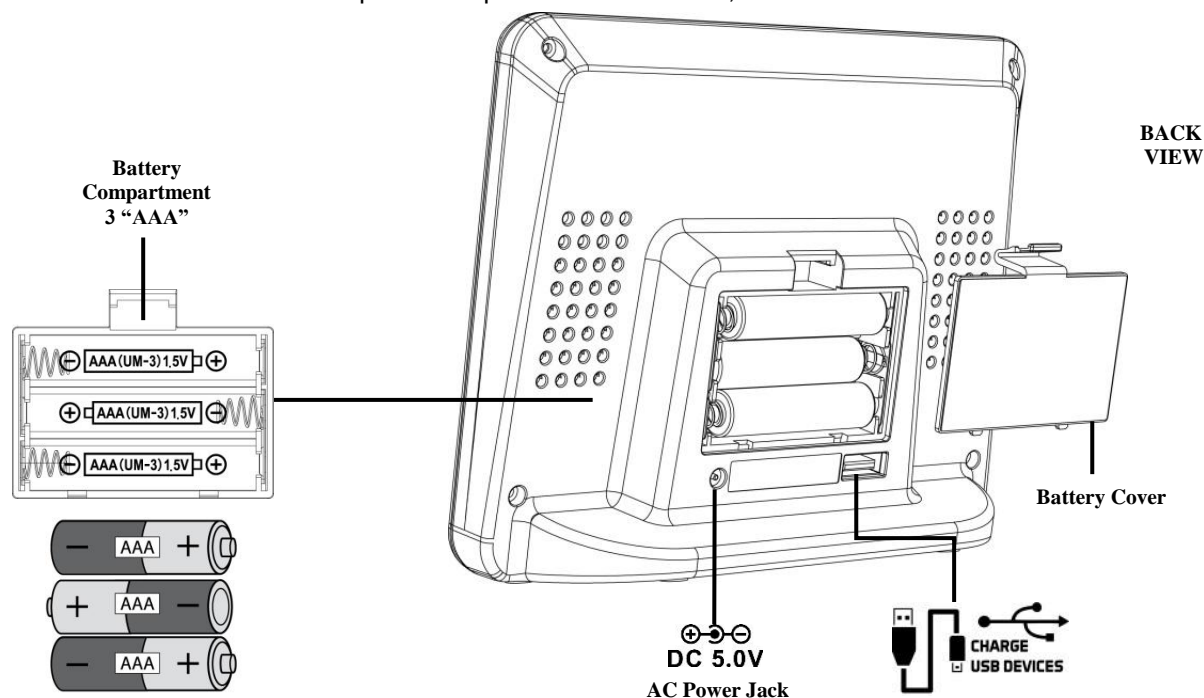
1. Low battery icon  present in the outdoor temperature area:
 - Change batteries in the transmitter and press the TX button.
 - Hold the SENSOR SEARCH button for three seconds and the forecast station will search for the outdoor transmitter again.
2. End of Transmission Range:
 - Move the transmitter closer to the forecast station.
 - Avoid obstructions in the signal path.
 - Keep transmitter and forecast station away from electronics.



Power the Forecast Station

AC Power Adapter

- Insert enclosed 5-volt AC power adapter into a wall outlet, then into the forecast station.



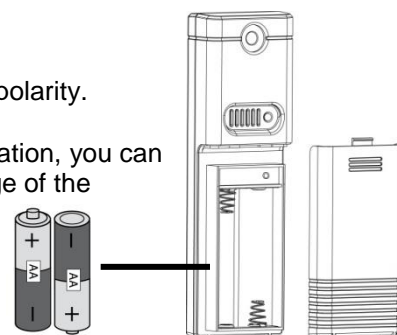
Batteries:

1. Remove battery cover. Slide tab down and pull off to remove battery cover.
2. Install three new AAA batteries according to the polarity markings.
 - **Do Not Mix Old and New Batteries**
 - **Do Not Mix Alkaline, Lithium, Standard or Rechargeable Batteries**

If the forecast station does not display indoor temperature after 60 seconds, remove adapter and batteries and wait for at least 60 seconds before repeating the setup process.

Install Batteries in the Outdoor Transmitter

1. Slide the battery cover down, then lift off the back of the transmitter.
2. Insert two new AA batteries into the transmitter. Observe the correct polarity.
3. Keep transmitter 5-10 ft. from the forecast station during setup.
4. After 15 minutes, if the outdoor temperature shows on the forecast station, you can move the outdoor transmitter outside to a shaded location within range of the forecast station.



Outdoor Transmitter Signal Reception

- After the batteries are inserted, the forecast station will search for the outdoor temperature/humidity transmitter for three minutes.
- The antenna symbol will flash during reception and temperature display will be dashes “---”.
- The strength signal icon will animate until the sensor signal is received or for 3 minutes if no signal available.



Search for Transmitter

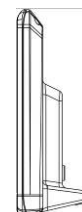
- If the outdoor temperature is not displayed after three minutes, hold the SENSOR SEARCH button on the forecast station for three seconds to search for the outdoor transmitter.
- Next, remove the battery cover from the transmitter then press the TX button to send a signal.
- If it still does not receive the outdoor temperature, remove the AC cord and batteries from both the forecast station and the transmitter for 15 minutes repeat setup instructions from step 1.



Position the Forecast Station

Choose a location for the forecast station that is within range of the outdoor transmitter. The forecast station has a built in base stand to sit on a table or desk.

- Choose a location 6 feet or more from electronics such as cordless phones, gaming systems, televisions, microwaves, routers, baby monitors, etc., which can prevent signal reception.
- Be aware of electrical wires and plumbing within a wall.
- Best reception is achieved when the front or the back of the forecast station is facing the outdoor transmitter. This allows a larger portion of the antenna to receive a signal.



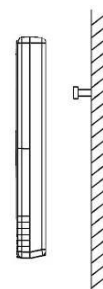
Position the Outdoor Transmitter

Once the forecast station shows the outdoor temperature/humidity, place it and the transmitter in the desired locations and wait approximately one-hour before permanently mounting the transmitter to ensure that there is proper reception. The transmitter should be mounted vertically, in a shaded, protected area, at least 6 feet from the ground to avoid damage and ensure accurate readings. The transmitter is water resistant, not waterproof and should not be placed anywhere it will become submerged in water or subject to standing water or snow. To achieve a true temperature/humidity reading, mount where direct sunlight

cannot reach the outdoor transmitter. Mount the outdoor transmitter on a North-facing wall or in any well shaded area. Under an eave or deck rail work well. The maximum transmitting range in open air is over 200 feet (60 meters). Obstacles such as walls, windows, stucco, concrete, and large metal objects can reduce the range. Place the transmitter at least six feet in the air to improve signal transmission.

Option 1:

- Install one mounting screw (included) into a wall leaving approximately ½ of an inch (12.7mm) extended.
- Place the transmitter onto the screw, using the hanging hole on the backside.
- 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).

Care and Maintenance

- **Do Not Mix Old and New Batteries**
- **Do Not Mix Alkaline, Lithium, Standard or Rechargeable Batteries**
- Do not expose the forecast station to extreme temperatures, vibration or shock. Keep dry.
- Clean forecast station with a soft damp cloth. Do not use solvents or scouring agents.
- The forecast station is not a toy. Keep it out of reach of children.
- The forecast station is not to be used for medical purpose or for public information. It is for home use only.
- The specifications of this forecast station may change without prior notice.
- Improper use or unauthorized opening of housing will void the warranty.
- If the forecast station does not work properly, change the batteries and/or check the AC cord connection.

Low Battery Icon

Forecast station: Icon displays in Indoor LCD section, replace batteries in the forecast station and/or check AC power cord.



Transmitter: Icon displays in Outdoor LCD section, replace batteries in the outdoor transmitter.

Specifications

Indoor:	
Temperature Range:	+32°F to +122°F (0°C to 50°C)
Humidity Range:	19%-97% (RH)
Interval:	About every 30 seconds
Outdoor:	
Temperature Range:	-40°F to 140°F (-40°C to 60°C)
Alkaline Batteries:	-20°F to 140°F (-28.8°C to 60°C)
Lithium Batteries:	-40°F to 140°F (-40°C to 60°C)
NOTE:	Temperatures below - 20°F (-28.8°C) require Lithium batteries in the outdoor sensor.
Humidity Range:	19%-97% (RH)
Distance:	Over 200 ft. (60 meters) RF 433MHz (open air)
Interval:	About every 50 seconds

Power:	
Forecast Station	
Primary Power:	5-volt AC power adapter (included)
Optional/Battery Backup	Optional 3-AAA, IEC, LR3 batteries (not included)
TX141TH-B Transmitter:	2-AA, IEC, LR6 batteries (not included)
USB	
USB Charge Port:	Output 1A
Battery Life:	
Forecast Station Battery Backup:	Battery life is over 24 months when using the AC adapter for primary power
TX141TH-B Transmitter:	Battery life is over 12 months when using reputable battery brands for both Alkaline and Lithium batteries
Dimensions:	
Forecast Station:	5.91"L x 1.66"W x 4.84"H (150 x 42 x 123 mm)
TX141TH-B Transmitter:	1.57" x 0.79" x 5.12" (40 x 20 x 130mm)

Warranty and Support Information

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.

View full warranty details online at:

www.lacrossetechnology.com/warranty_info.pdf

For warranty work, technical support or other information contact:

La Crosse Technology, Ltd
2817 Losey Blvd. S.
La Crosse, WI 54601
Contact Support:
1-608-782-1610

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

Online Product Support: www.lacrossetechnology.com/t83653

Protected under U.S. Patents: 5,978,738, 6,076,044, 6,597,990



Scan for online
information

FCC Statement

This Device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) the device must accept any interference received, including interference that may cause undesired operation.

NOTE: 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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