

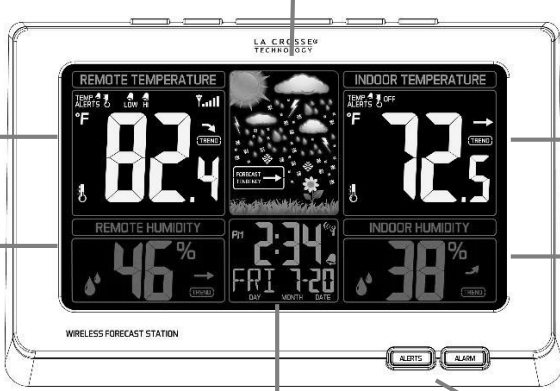
**WIRELESS COLOR WEATHER STATION**

**TOP BUTTONS**



Color Animated Forecast with Tendency  
(All icons shown here)

**FRONT VIEW**



Remote Temperature with Trend & Temperature Alerts

Indoor Temperature with Trend & Temperature Alerts

Remote Humidity & Trends Button Press for Mold Risk Indicator When Using Remote Sensor Indoors

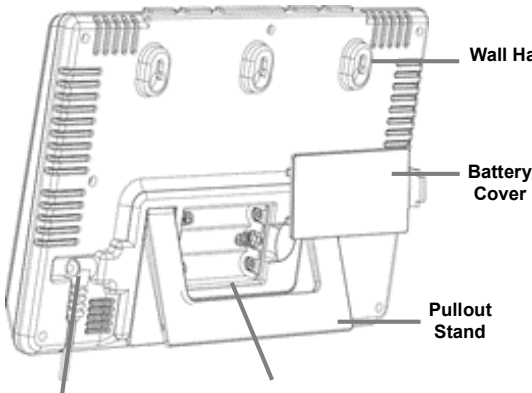
Indoor Humidity & Trend Button Press for Mold Risk Indicator for Weather Station

Time, Calendar + Alarm

**FRONT BUTTONS**



**BACK VIEW**



Wall Hanging Holes

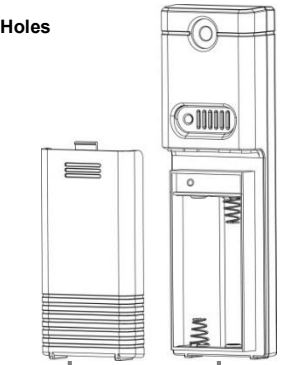
Battery Cover

Pullout Stand

AC Power Jack  
GPU280500150WD00

Battery Compartment  
3 "AAA"

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**DC 5.0V**



Sensor Battery Cover

Sensor Battery Compartment  
2 "AA"

SENSOR  
TX141TH-Bv2

## GET STARTED

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

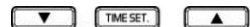
**Step 2:** Insert 3 new "AAA" batteries (not included) into the weather station. Observe the correct polarity.

**Step 3:** Insert 2 new "AA" batteries (not included) into TX141TH-Bv2 sensor. Observe the correct polarity. The red LED will flash when transmitting.

**Restart:** If the remote temperature is not displayed after 3 minutes, unplug the AC adapter and remove batteries from the weather station & sensor and press any button 20 times. After 15 minutes return to **Step 1** above.

## SET TIME, DATE AND TEMPERATURE UNITS

1. Hold the **TIME SET** button to enter time set mode.
2. Press the ▼ or ▲ buttons to adjust the values. Hold for fast adjustment.
3. Press the **TIME SET** button to confirm adjustments and move to the next item.



### Settings order:

1. WWVB ON/OFF
2. Time Zone
3. Daylight Saving Indicator ON/OFF
4. 12/24 Hour Time Format
5. Hour
6. Minutes
7. Year
8. Month
9. Date
10. Fahrenheit/Celsius

TIME ZONE	
AST	Atlantic
EST	Eastern
CST	Central
MST	Mountain
PST	Pacific
AKT	Alaska
HAT	Hawaiian

Press the **TIME SET** button to exit, or wait 20 seconds without pressing buttons to return to the normal time display.

## SET TEMPERATURE ALERTS

1. Hold the **ALERTS** button until the station beeps.
2. The temperature alert value will blink in set mode.
3. Press the ▼ or ▲ buttons to adjust the temperature alert value.



4. Press the **ALERTS** button to confirm. Next, arm the temperature alerts (see below)

### The temperature alert order:

1. Remote High, 2. Remote Low, 3. Indoor High, 4. Indoor Low

Press the ALERTS button to exit, or wait 20 seconds without pressing buttons to return to normal time display

## ARMS/DISARMS TEMPERATURE ALERTS

Press & release the **ALERTS** button to toggle between the alerts Remote HI / Remote LOW / Indoor HI / Indoor LOW

- Press the ▲ button to arm the alert.
- Press the ▼ button to disarm the alert.
- ALERT BELL ICON appears when armed.



## ACTIVE TEMPERATURE ALERT

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

## Heat Index/Dew Point/Mold Risk

- Press the **HEAT/DEW** button once to view remote Heat Index.
- Press the **HEAT/DEW** button twice to view remote Dew Point.
- Press the **HEAT/DEW** button a third time to view indoor and remote Mold Risk.



## VIEW/RESET MIN/MAX VALUES




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

- Press the ▼ button to view minimum values.
- Hold the ▼ button to reset minimum values.
- Press the ▲ button to view maximum values.
- Hold the ▲ button to reset maximum values.



## TEMPERATURE/HUMIDITY TREND INDICATORS

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

<ul style="list-style-type: none"><li>• Temperature has risen in the past 3 hours.</li><li>• Humidity has risen in the past 3 hours.</li></ul>	<p>RISING </p>
<ul style="list-style-type: none"><li>• Temperature has not changed in the past 3 hours.</li><li>• Humidity has not changed in the past 3 hours.</li></ul>	<p>STEADY </p>
<ul style="list-style-type: none"><li>• Temperature has fallen in the past 3 hours.</li><li>• Humidity has fallen in the past 3 hours.</li></ul>	<p>FALLING </p>

## SET TIME ALARM

1. Hold the **ALARM** button to enter alarm time set mode.
2. Press the ▼ or ▲ buttons to adjust the Alarm Time.
3. Press the **ALARM** button to confirm adjustments and move to the next item.



**Alarm Time setting order:** 1. Hours, 2. Minutes

## ACTIVATE/DEACTIVATE TIME ALARM

- Press the **ALARM** button once to view alarm time.
- Press the **ALARM** button again to activate the alarm. Once activated the bell icon appears.
- Press the **ALARM** button again to deactivate the alarm. The bell icon will disappear.



Alarm  
Bell Icon

## SNOOZE (SILENCES ALARM TEMPORARILY)

- When alarm sounds, the **SNOOZE/LIGHT** button to silence the alarm for 10 minutes.
- The alarm icon will flash.
- In snooze mode, press any button, except SNOOZE/LIGHT to stop alarm for one day.

**Note:** The alarm is crescendo sound. The alarm will sound for 2 minutes and then shut off completely.

SNOOZE / LIGHT (HI-LOW-OFF)

## ADJUST BACKLIGHT

### When using A/C power:

SNOOZE / LIGHT (HI-LOW-OFF)

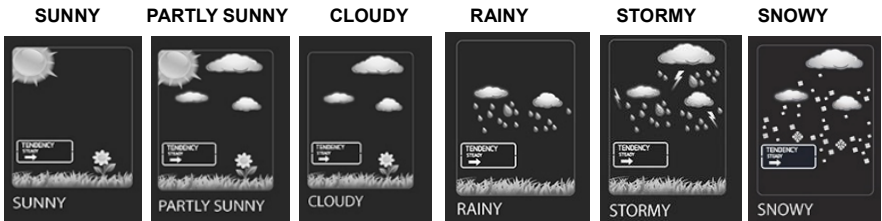
- Press the **HI/LOW/OFF** button to adjust the backlight:

### When using Battery power only:

- Press the **HI/LOW/OFF** button for 10 second backlight.

## Animated Forecast Icons




Animated forecast icons use changing atmospheric pressure to predict weather conditions for the next 12-hours with 70-75% accuracy.



## 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.

## Forecast Trend Indicators

 <b>TENDENCY</b> <b>Rising Pressure</b> Weather is Expected to Improve	 <b>TENDENCY</b> <b>Steady Pressure</b> Weather is Expected to Stay the Same	 <b>TENDENCY</b> <b>Falling Pressure</b> Weather is Expected to Worsen
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## MANUAL WWVB RADIO-CONTROLLED TIME SEARCH

- Press the **TIME SET** button to start or stop a manual signal search. WWVB Icon will flash

### For information about WWVB visit:

[www.nist.gov/pml/div688/grp40/wwvb.cfm](http://www.nist.gov/pml/div688/grp40/wwvb.cfm)

TIME SET



WWVB  
Icon

## SEARCH FOR REMOTE SENSOR

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



## LOW BATTERY ICON

Low battery icon indicates low battery for station or sensor.

- If the icon is displayed in Remote Temperature section, replace batteries in the remote sensor.
- If the icon is displayed in Indoor Temperature section, replace batteries in the weather station



## POSITION REMOTE SENSOR

**Outdoor use:** Mount the Remote Sensor on a north-facing wall or in any well shaded area. Under an eave or deck rail is preferred.

**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.
- Be sure the remote sensor is mounted vertically.

## WEATHER STATION CARE AND MAINTENANCE

- **Do not mix old and new batteries**
- **Do not mix Alkaline, Standard, Lithium or Rechargeable Batteries**
- Do not expose to extreme temperature, vibration or shock.
- Clean with a soft damp cloth. Do not use solvents or scouring agents.
- The product is not a toy. Keep it out of reach of children.
- The product is not to be used for medical purpose or for public information. It is intended for home use only.
- The specs of this product may change without prior notice.
- Improper use or unauthorized opening of housing voids warranty.
- If the product is not working properly, change the batteries and/or check the A/C cord connection.

## SPECIFICATIONS

### Indoor:

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

Humidity Range: 1%-99% (RH)

Interval: About every 30 seconds

### Remote:

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 remote sensor.

Humidity Range: 1%-99% (RH)

Distance: Over 300 ft. (91 meters)  
RF 433MHz (open air)

Interval: About every 50 seconds

### Power:

Forecast Station

Primary Power:  
AC#: GPU280500150WD00 5-volt AC power adapter (included)

Optional/Battery Backup Optional 3-AAA, IEC, LR3 batteries (not included)

TX141TH-Bv2 Sensor: 2-AA, IEC, LR6 batteries (not included)

### Battery Life:

Forecast Station  
Battery Backup: Battery life is over 24 months when using the AC adapter for primary power

TX141TH-Bv2 Sensor: Battery life is over 12 months when using reputable battery brands for both Alkaline and Lithium batteries

### Dimensions:

Forecast Station: 8.34" L x 1.03" W x 5.48" H  
(211.836 x 26.162 x 139.192mm)

TX141TH-Bv2 Sensor: 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](http://www.lacrossetechnology.com/warranty_info.pdf)

**For warranty work, technical support or other information contact:**

La Crosse Technology, Ltd  
2830 South 26<sup>th</sup> St  
La Crosse, WI 54601

**Contact Support:**

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)

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

5,978,738, 6,076,044, 6,597,990



## 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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