

LA CROSSE®
TECHNOLOGY

Wind Speed Station



SET UP GUIDE

MODEL: 327-1417BW

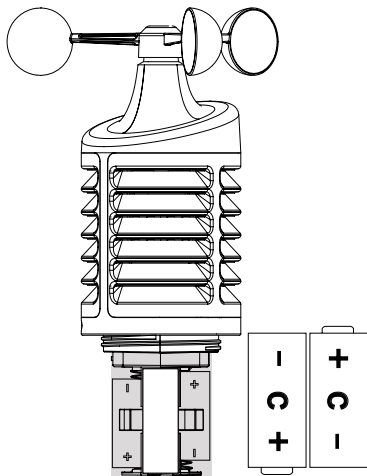
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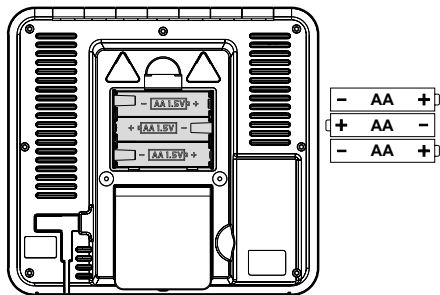
Power Up

1. Insert 3 “AA” batteries into your Wind Speed Sensor.
 2. Insert 2 “C” batteries into your Wind Speed Station.
 3. Once both sensors are reading your station, place the sensors outside.
- Watch our sensor mounting video: bit.ly/wind_sensor_mounting

Wind Speed Sensor
TX141W2



Wind Speed Station
327-1417BW



Settings Menu

Press or hold one button at a time in the Settings Menu.

ALERTS	TEMP	WIND	+	- / CH	SET	WARNING
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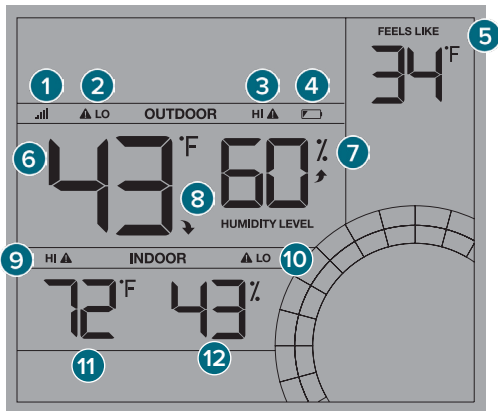
1. Hold the **SET** button until the display changes, to enter the Settings Menu.
2. Press and release the **+** or **-/CH** button to adjust values. Hold to adjust quickly.
3. Press and release the **SET** button to confirm values and move to the next setting.
4. Press and release the **WARNING** button at any time to save and exit.

Settings Menu Order:

- Beep ON/OFF
- Hour
- Minute
- 12HR/24HR Time
- Year
- Month
- Date
- Fahrenheit/Celsius
- Wind Speed MPH or KMH

Weekday: Will set automatically when the Year, Month, and Date are set.

Temperature/Humidity Readings



1. RECEPTION ICON

Indicates if the station is receiving data from the sensor.

2. TEMPERATURE ALERT

Shows an Alert is armed.

3. HUMIDITY ALERT

Shows an Alert is armed.

4. LOW BATTERY ICON

Low Battery in TH Sensor

5. FEELS LIKE TEMPERATURE

Combination of Wind Speed and Temperature

6. OUTDOOR TEMPERATURE

Current Outdoor Temperature.

7. OUTDOOR HUMIDITY

Current Outdoor Humidity.

8. TREND ARROWS

Indicates Trisnig and falling trends.

9. TEMPERATURE ALERT

Shows an Alert is armed.

10. HUMIDITY ALERT

Shows an Alert is armed.

11. INDOOR TEMPERATURE

Current Indoor Temperature.

12. INDOOR HUMIDITY

Current Indoor Humidity.

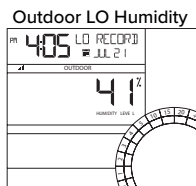
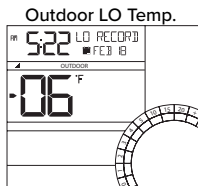
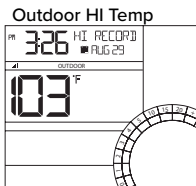
Temperature/Humidity Records

Viewing Records

Press and release the **TEMP** button to toggle through outdoor/indoor temperature & humidity records with time and date stamps.

Records Viewing Order

Outdoor High Temperature • Outdoor Low Temperature • Outdoor High Humidity
Outdoor Low Humidity • Indoor High Temperature • Indoor Low Temperature
Indoor High Humidity • Indoor Low Humidity • Feels Like High Temperature
Feels Like Low Temperature • Outdoor Dew Point (not time stamped)

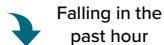
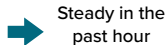
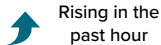


Reset Temperature/Humidity Records

1. Press the **TEMP** button to view the individual temperature & humidity values you'd like to reset.
2. Hold the **MINUS (-)** button until dashes appear.
3. The reading will then reset to the current value.

Temperature & Humidity Trend Arrows

The arrows next to the temperature and humidity readings indicate if the temperature (2°F / 1°C) or humidity (3%) is rising, falling, or remaining steady.



Wind Speed Readings



1. TOP WIND SPEED

Top Wind Speed for the past 60 minutes.

2. WIND SPEED GRAPH

Segments will animate according to the current wind speed.

3. WIND SPEED ALERT ICON

Shows an Alert is armed.

4. WIND SPEED

Current Wind Speed. Highest speed in the past 31 seconds.

5. RECEPTION ICON

Indicates the station is receiving data from the Wind Sensor.

6. LOW BATTERY ICON

Indicates low battery in the Wind Sensor.

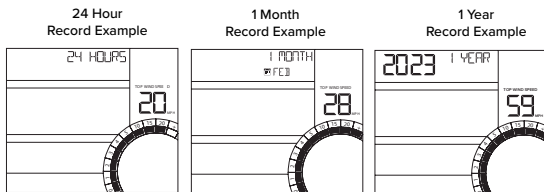
Wind Speed History

Viewing History

Press and release the **WIND** button to toggle through wind speed records with time and date stamps. The station will stay on the last history viewed.

When viewing the Monthly Record, press and release the **PLUS (+)** button to toggle through the current and past 11 months of top speed records.

This station measures high wind speed records for the past 1 hour, 24 hours, 7 days, 1 month, and 1 year.



Reset Wind Records

1. Press and release the **WIND** button to view the individual wind speed record you'd like reset.
2. Hold the **MINUS(-)** button until dashes appear.
3. The reading will then reset to the current wind speed value.

Custom Alerts

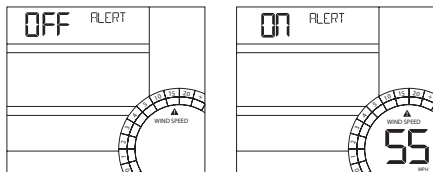
This station provides custom alerts for the following measurements:

- High Wind Speed
- Outdoor Low Temperature • Outdoor High Temperature
- Outdoor Low Humidity • Outdoor High Humidity
- Indoor Low Temperature • Indoor High Temperature
- Indoor Low Humidity • Indoor High Humidity

Set Alerts

1. Hold the **ALERTS** button to enter the Alert Settings Menu.
2. Press and release the **+** or **-/CH** button to activate/deactivate individual alerts, or press the **ALERTS** button to skip to the next option.
3. Once activated, press and release the **+** or **-/CH** button to adjust the values. Press the **ALERTS** button to confirm and move forward.

Wind Alert OFF/ON



Wind Speed
Alert Icon



Temp/Humidity
Alert Icons



Triggered Alerts

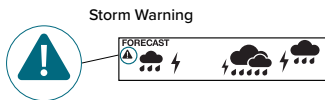
- When an alert value is reached, the corresponding value and alert icon will flash on screen.
- The station will beep 5 times each minute until the value moves out of the alert range.
- Press any button to stop the alert sound.

Deactivate Alerts

1. Hold the **ALERTS** button to enter the Alert Settings Menu.
2. Press and release the **+** or **-/CH** button to deactivate individual alerts.
3. Press and release the **ALERTS** button to confirm and exit

Frost and Storm Warnings

This station offers the option of active Frost and Storm alerts. Simply activate the alerts to use them.



Frost Warning:

- When the outdoor temperature is between: 28 °F to 37 °F (-2 °C to 3 °C), and the frost warning is active a Frost Warning will alert you with a flashing snowflake icon and the station will sound.
- Outside of this range the frost warning is not active.
- Weather station will beep 5 times each minute, for 5 minutes. After 5 minutes the Frost Warning Icon will flash until frost warning is out of range.

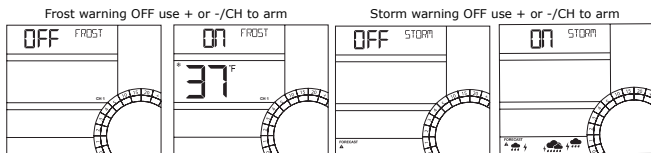
Storm Warning:

- When the barometric pressure drops more than 2.5hPa in a 3 hour period, the storm warning will flash and the station will sound.
- The storm warning icon (alert triangle) will flash storm and storm icons (clouds, rain, lightning) will flash and sound for 1 minute.
- After 1 minute the warning icon will flash for a period of 1 hour.
- Press any button to stop the sound. Storm Warning Icon will still flash.

Activate or Deactivate Warnings

1. Hold the **WARNING** button to view Warning Options.
2. Press and release the **+** or **-/CH** button to activate/deactivate Frost and Storm Warnings.
3. Press and release the **WARNING** button to confirm.

Note: The Warning Values are not programmable. You can only activate or deactivate the warning.















Note: When setting FROST alerts for channels 2 & 3, user will select channel (1, 2, 3) first, then select outdoor alert.

Forecast Icons

Your station uses changing atmospheric pressure to predict weather conditions for the next 12-hours. When the outdoor temperature is below 32°F and the forecast is Rain or T-Storm, the station will show Snow.

Note: Above 6,200 feet your forecast icons may not change.

Sunny	Partly Sunny	Clouds
		
  	  	  
Rain	T-Storm	Snow


Add-on Temperature/Humidity Sensors

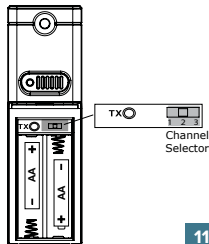
Purchase Add-on Sensor TX141TH-BCH (any version)

Visit bit.ly/327-1417bw_parts or scan the QR code to find and purchase up to two compatible add-on sensors.



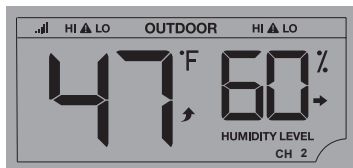
Add a Temperature/Humidity Sensor to Station:

1. Install batteries into your Sensor.
2. Select Channel 2 or 3 on the sensor.
3. Hold the **TEMP** button on the station until the Reception Icon  starts to animate. This will start a search for all sensors.
4. Your sensor should connect within the next few minutes.




View Add-on Temperature/Humidity Sensors

- Press the **-/CH** button to toggle between remote sensor channels when multiple sensors are used.
- Channels are indicated with CH 1, CH 2, or CH 3, in the outdoor temperature area.
- CH 1 is reserved for the Temperature/Humidity from your Wind Speed Sensor.






Search for Sensors

If you are seeing dashes for any sensor readings, please try the following steps:

1. Hold the **WIND** button to search for your Wind Sensor. Hold the **TEMP** button to search for all Temperature/Humidity Sensors. The Reception Indicator  will begin to animate.
2. If after 3 minutes the sensor still isn't connected, hold the **WARNING** and **ALERTS** buttons together to factory reset the station.
3. If your sensor data is still not appearing after these steps, please contact our support staff. For additional help visit: bit.ly/basic_restart.

Low Battery Icons

- Low Battery Icon  by Time, replace batteries in the Station.
- Low Battery Icon  by the Wind replace batteries in the Wind Sensor.
- Low Battery Icon  by Outdoor Humidity, replace batteries in the add-on Temperature/Humidity Sensor.

Sensor Placement & Mounting



For Accurate Wind Sensor Measurements

- Ideally, the sensor should be mounted on the tallest object in your area. Avoid positioning it parallel or below eaves, rooflines, trees, or other objects that may obstruct wind readings.
- Make sure all the screws on the Mounting Bracket, Wind Cups, and Battery compartment are securely fastened.
- The sensor should be mounted with the Wind Cups on top.
- For more information visit: bit.ly/wind_sensor_mounting
- The maximum wireless transmission range to the station is up to 330ft (100m) in open air. This does not include walls, floors, or other large obstructions.

We're Here to Help

If you require additional assistance, get in touch with our friendly customer support team based in La Crosse, WI.

Self Help: bit.ly/327-1417bw_support

Online: bit.ly/contact_techsupport

Phone: 1.608.782.1610

Our knowledgeable customer support team is available:
Mon-Fri 8am-6pm CST

Stay in Touch!

Ask questions, watch setup videos, and provide feedback on our social media outlets. Follow La Crosse Technology on YouTube, Twitter, Facebook and Instagram.



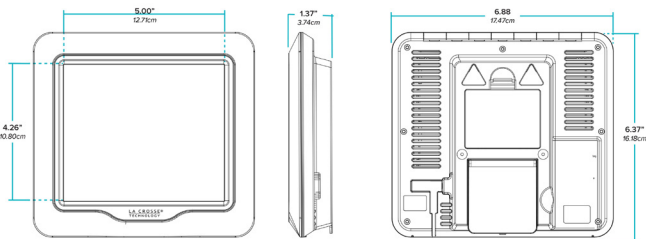
SCAN HERE
Additional Info
and Support ✓



Specifications

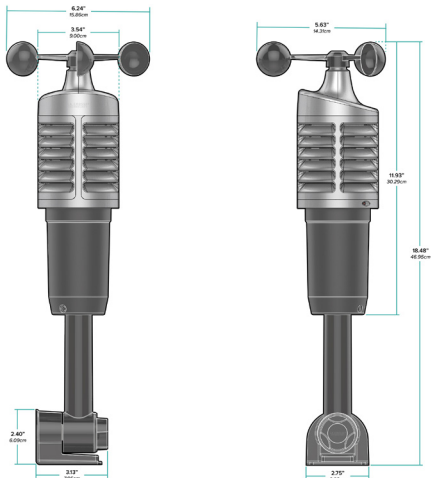
Weather Station (327-1417BW)

- **Temperature Range:**
32°F to 122°F (0°C to 50°)
- **Humidity Range:**
10% - 99% RH
- **Power:**
3-AA, IEC, LR6 batteries (not included)
- **Battery Life:**
Over 12 months



TH Sensor (TX141Wv2)

- **Wind Speed Range:**
0-111.8 mph (0-180 km/h)
- **Temperature Range:**
-40°F to 140°F (-40°C to 60°C)
- **Humidity Range:**
10% - 99% RH
- **Transmission Range:**
Over 330 feet (100 meters) in open air RF 433MHz
- **Update Interval:**
About every 30 seconds
- **Power:**
2-C, IEC, LR14 batteries (not included)
- **Battery Life:**
Over 24 months



Warranty & Patents

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. La Crosse Technology, Ltd, 2830 S. 26th St., La Crosse, WI 54601
For Full Warranty Details, Visit: www.lacrossetechnology.com/pages/warranty
Patents: www.lacrossetechnology.com/pages/patents



CA WARNING:

This product can expose you to chemicals including acrylonitrile, butadiene, and styrene, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to: www.P65Warnings.gov

Care & Maintenance

When batteries of different brand or type are used together, or new and old batteries are used together, some batteries may be over-discharged due to a difference of voltage or capacity. This can result in venting, leakage, and rupture and may cause personal injury.

- Do not mix Alkaline, Lithium, standard, or rechargeable batteries.
- Always purchase the correct size and grade of battery most suitable for the intended use.
- Always replace the whole set of batteries at one time, taking care not to mix old and new ones, or batteries of different types.
- Clean the battery contacts and also those of the device prior to battery installation.
- Ensure the batteries are installed correctly with regard to polarity (+ and -).
- Remove batteries from product during periods of non-use. Battery leakage can cause corrosion and damage to this item.
- Remove used batteries promptly.
- For recycling and disposal of batteries, and to protect the environment, please check the internet or your local phone directory for local recycling centers and/or follow local government regulations.

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 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) This device must accept any interference received, including interference that may cause undesired operation.

Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. **All rights reserved.** This manual may not be reproduced in any form, even in part, or duplicated or processed using electronic, mechanical or chemical process without the written permission of the publisher. 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. All trademarks and patents are recognized. 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.

DOUBLE YOUR WARRANTY



Scan Here

Scan the QR Code or visit:

bit.ly/327-1417bw_register

to register your product and double the standard 1-year warranty fo free by opting to recieve occasional product emails.