

LA CROSSE®
TECHNOLOGY

Wireless **Weather Station** with **Atomic Time + Date**



SET UP GUIDE

MODELS: S77925

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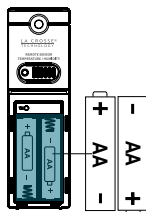
Basics

Power Up

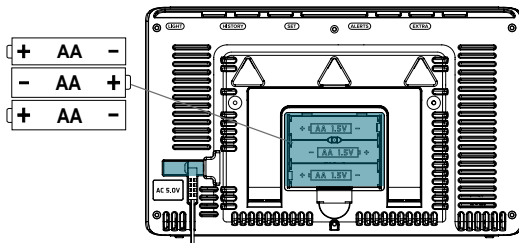
1. Insert 2-AA batteries into your Outdoor Sensor.
2. Insert the 5.0V Power Adapter into a working outlet. Then insert the Power Jack end into the back of the Weather Station.
Optional: Insert 3 “AA” batteries for backup.
3. Once the sensor is reading to your station, place it outside in a shaded location to protect it from the sun’s heat.

Watch our sensor mounting video: bit.ly/th_sensor_mounting

Outdoor Sensor
TX141TH-Bv3



Weather Station
S77925



Main Weather Station

Settings Menu

1. Hold the **SET** button to enter the Settings Menu.
2. Use the **+/-** buttons to adjust values.
3. Press **SET** to confirm values and move to the next setting.
4. Press the **LIGHT** button at any time to save and exit.

Settings Menu Order:

- Language (English, Spanish, French, German)
- Beep ON/OFF
- Atomic ON/OFF
- DST: AUTOMATIC ON/ALWAYS ON/ALWAYS OFF
(Change Spring/Fall) (Standard Time all year) (DST all year)
- Time Zone
- 12HR/24HR
- Hour
- Minute
- Year
- Month
- Date
- Fahrenheit/Celsius
- Pressure: InHg / hPa
- Pressure number setting

7 Time Zones

ATLANTIC
EASTERN
CENTRAL
MOUNTAIN
PACIFIC
ALASKA
HAWAII

Language: The language selected in this menu will control other menu items, as well as your full weekday readout.

Atomic OFF: When Atomic OFF is selected, you will move directly to 12/24 Hour setting.

DST: Select Automatic ON for correct daylight saving time adjustments.

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

Atomic Time

- Your station will automatically search for the Atomic Time Signal at UTC 7:00, 8:00, 9:00, 10:00, and 11:00.
- Press the SET button to manually start or stop a search for the WWVB Atomic Time Signal.
- The Tower Icon (📶) will flash while searching, and remain solid on screen when the WWVB Signal is received.
- For information about WWVB Atomic Time visit: bit.ly/AtomicTime

Adjustable Backlight

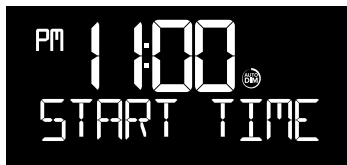
- Press the **LIGHT** button to adjust the backlight intensity.
- There are 4 brightness levels, plus an off option.



Auto-Dim Settings

Program your display to automatically dim during preselected times.

1. Hold the **LIGHT** button to enter the Auto-Dim Settings Menu.
2. Press the **+/-** buttons to turn the Auto-Dim feature on or off. Press **LIGHT** to confirm.
3. Press the **+/-** buttons to adjust the starting hour. Press **LIGHT** to confirm.
4. Press the **+/-** buttons to adjust the stopping hour. Press **LIGHT** to confirm and exit.



Note: Only the hour can be set.

Indoor Comfort Level

Using relative humidity, these arrows will indicate your indoor comfort level. A feature that can help keep your home safe and comfortable.



10%RH to 25%RH



26%RH to 39%RH



40%RH to 75%RH



76%RH to 83%RH



84%RH to 99%RH

Note: Indoor Humidity may not change frequently.

Moon Phase

The moon phase is based on the Lunar Calendar and the year, month, and date settings.



New Moon



Small Waxing Crescent



Large Waxing Crescent



First Quarter



Small Waxing Gibbous



Large Waxing Gibbous



Full Moon



Large Waning Gibbous



Small Waning Gibbous



Last Quarter



Large Waning Crescent



Small Waning Crescent

Seasonal Foliage

The foliage scene in the forecast section changes seasonally.
The dates are pre-programmed.

Seasonal Trees Changes



Spring (March 20th to June 20th)



Summer (June 21st to Sept. 20th)



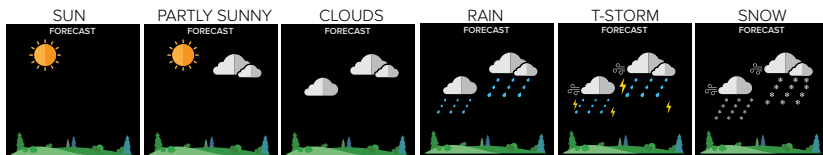
Fall (Sept. 21st to Dec. 20th)



Winter (Dec. 21st to March 19th)

Forecast Icons

- The forecast icons use the station's internal barometer to predict conditions to come within the next 12 hours.
- The Snow Icon will show when temperatures are below 32°F (0°C) and rain or storms are predicted.
- The Sun Icon will show in daylight hours (7am to 6:59pm) and the Moon Icon will show during nighttime (7pm to 6:59am) for clear or partly clear forecasts.



Pressure

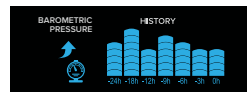
Pressure Number

Your Relative Pressure reading will come from your station's internal barometer. Allow up to 10 days for automatic calibration. Or you can program your local pressure value in the Settings Menu. The arrows on the left represent rising and falling tendency.



Pressure History Graph

Read from left to right, the Pressure History Graph indicates the rise and fall in air pressure over the past 24 hours.



History Records

From normal time display, press and release the **HISTORY** button to toggle through indoor/outdoor temperature and humidity records with time and date stamps.

Records Viewing Order

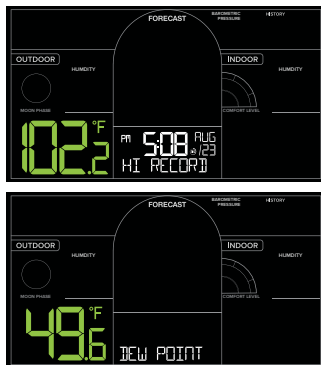
- Outdoor High Temperature
- Outdoor Low Temperature
- Outdoor High Humidity
- Outdoor Low Humidity
- Indoor High Temperature
- Indoor Low Temperature
- Indoor High Humidity
- Indoor Low Humidity
- Heat Index
- Dew Point

Resetting Individual Records

1. Press the **HISTORY** button until viewing the value you'd like reset.
2. Hold the **(-) MINUS** button until dashes appear, indicating that value has been reset to your current readings.

Note: When an add-on Rain Sensor is connected, the Rain History will show first when the HISTORY button is pressed. There is no history for add-on Temperature/Humidity sensors.

Rain History: 1 Hour, 24 Hours, 7 Days, 1 Month, Year, and Total.



Customizable Alerts

Setting Custom Alerts

1. Hold the **ALERTS** button to enter the Alert Settings Menu.
2. Use the **+/-** buttons to activate/deactivate and adjust alerts settings. Press **ALERTS** to confirm your selection.
3. Your programmed alerts are active when the  and  icon appear on the LCD.



Alerts Setting Order

Outdoor Low Temperature • Outdoor High Temperature • Outdoor Low Humidity
Outdoor High Humidity • Indoor Low Temperature • Indoor High Temperature
Indoor Low Humidity • Indoor High Humidity

Activating/Deactivating Alerts

When in the Alerts Settings Menu, use the **+/-** buttons to activate or deactivate alerts. Indicated by the  icons in that section.

Alert Sounds

- When alert value is reached, station will beep 5 times each minute, until out of alert range.
- When the armed alert value is reached, the station will beep and the icon will flash. Press any button to stop the alert sound.
- The Alert Icon will remain flashing until out of the alert range.

Extra Sensor Area

This station can display data for an add-on Rain Gauge as well as up to three additional Temp & Humidity Sensors. These readings will all appear in the upper left section of the LCD.



Add Extra Sensors:

1. Install batteries into your extra sensor(s).

Note: For Temp/Humidity sensors, be sure to select different channels (1,2,3) before you insert batteries.

2. Hold the **EXTRA** button on the station until the Reception Indicator  starts to animate. This will start a search for your sensors.
3. Your sensor(s) should connect within the next few minutes. Press the **EXTRA** button to cycle through Extra Sensor and Pressure data. The Auto Scroll Icon  will appear when activated.

Purchase Extra Sensors:

Visit lacrossetechnology.com/products/S77925#parts to find and purchase compatible add-on sensors.

Troubleshooting

Search for Outdoor Sensor

If you are seeing “NO” or dashes for your outdoor readings, please try the following steps:

1. Hold the **+** button to search for your outdoor sensor. The Reception Indicator  will begin to animate.
2. If after 3 minutes the sensor still isn't connected, bring the sensor inside next to the display and remove power from both the sensor and station.
3. Press any button on the station 20 times and leave the parts sit for a few moments with the power off.
4. Install a new set of alkaline batteries into the sensor, then into your station. For additional help visit: bit.ly/basic_restart
5. If your outdoor data is still not appearing after these steps, please contact our support staff via the links below.

Low Battery Indicator

- Low Battery Icon  by Outdoor Temperature, replace batteries in the Outdoor Sensor.
- Low Battery Icon  by Indoor Temperature, replace batteries in the Weather Station.
- Low Battery Icon  in the Extra Area, replace batteries in sensor that is showing at the time.

Button Functions

ALERTS		EXTRA	+	SET	-	HISTORY	LIGHT
ALERTS	Hold to enter Alert Settings. Alerts: Press to move to next item.						
EXTRA	Press to view Pressure or Extra Sensors (if added). Hold to search for all sensors.						
+ (PLUS)	Hold to search for sensor in Outdoor Sensor Area. Settings: Press to increase values. Alerts: Press to arm/disarm alerts.						
SET	Hold to enter Settings Menu. Settings: Press to confirm and move forward.						
- (MINUS)	Settings: Press to decrease values. Alerts: Press to arm/disarm alerts. History: Hold to reset History Records.						
HISTORY	Press to view History Records.						
LIGHT	Press to adjust backlight. Hold to enter Auto Dim Settings.						
ALERTS & LIGHT	Hold to Factory Reset station.						

Note: When programming your station, press or hold one button at a time.

Appendix

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.

We're Here to Help

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

Phone: 1-855-605-6888

Online: bit.ly/contact_techsupport

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

SCAN HERE
*Additional Info.
and Support ✓*



Care & Maintenance

- Do not mix old and new batteries.
- Do not mix Alkaline, Lithium, standard, or rechargeable batteries.
- Always purchase the correct size and grade of battery suitable for intended use.
- Clean the battery contacts and also those of the device prior to battery installation.
- Ensure the batteries have been installed with correct polarity (+/-).
- Remove batteries from equipment that will not to be used for an extended period.
- Promptly remove expired batteries.

Specifications

Weather Station (S77925)

- **Temperature Range:** 32°F to 122°F
(0°C to 50°C)
- **Humidity Range:** 10% - 99% RH
- **Relative Pressure Range:**
23.62 to 32.48 inHg (800 to 1100 hPa)
- **Power Requirements:** 5-volt power adapter
(included) AC6: GPU280500150WAOO
Optional: 3 "AA" LR6 Batteries (not included)

The plug on the power adapter is intended to serve as the disconnect device, the socket-outlet shall be installed near the equipment and shall be easily accessible.

- **Dimensions:** 8.98" L x 1.14" W x 5.43" H
(22.8cm L x 2.9cm W x 13.8cm H)

Outdoor Sensor (TX141TH-Bv3)

- **Temperature Range:** -40°F to 140°F
(-40°C to 60°C)
- **Humidity Range:** 10% - 99% RH
- **Transmission Range:** Over 330 feet
(100 fmeters) in open air RF 433MHz
- **Update Interval:** About every 51 seconds
- **Power:** 2-AA, IEC, LR6 batteries
(not included)
- **Battery Life:** Over 12 months
- **Dimensions:** 1.57" L x 0.79" W x 5.12" H
(4.0cm L x 2.0cm W x 13.0 H cm)



WARNING:

This product can expose you to chemicals including styrene, which is known in the State of California to cause cancer.

For more information, go to:

www.P65Warnings.ca.gov

Warranty Info

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

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.

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