LA CROSSE®
TECHNOLOGY

WIRELESS COLOR
WEATHER STATION
INSTRUCTION MANUAL

MODELS: S88907V2
DC: 011020

For more product information visit: bit.ly/laxtech_support
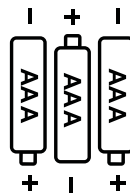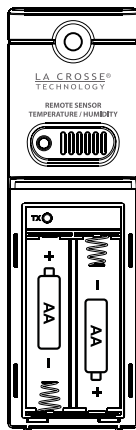
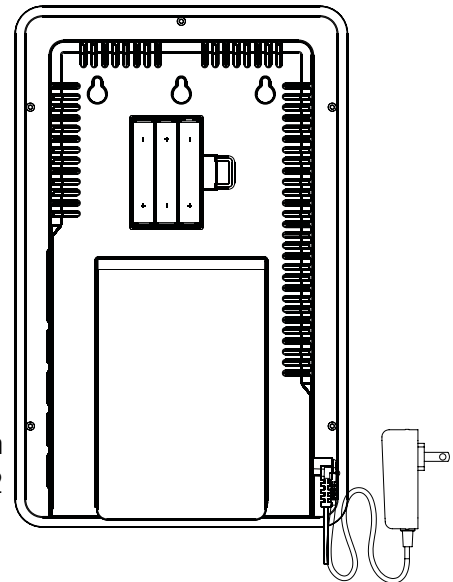# TABLE OF CONTENTS

POWER UP

1. Insert 2-AA batteries into your Outdoor Sensor.

2. Insert the 5 volt power cord into an outlet, then into your Weather Station. Optional: Insert 3-AAA batteries for backup.

3. Adjust time and date settings on your display.

4. Once the Outdoor Sensor is reading to your station, place it outside in a shaded location.

Watch sensor mounting video: http://bit.ly/TH_SensorMounting

Outdoor Sensor
TX141TH-Bv3

Weather Station
S88907v2

SETTINGS MENU

It is best to press one button at a time when setting your station.
1. Hold the TIME SET button to enter the Settings Menu.
2. Press the ARROW buttons to adjust the values. Hold to adjust quickly.
3. Press the TIME SET button to confirm and move to the next
    menu item.

Settings Menu Order:
- WWVB ON/OFF
- Time Zone
- DST ON/OFF
- 12/24 Hour
- Hour
- Minutes
- Year
- Month
- Date
- Fahrenheit or Celsius

Time Zones
AST = Atlantic
EST = Eastern
CST = Central
MST = Mountain
PST = Pacific
AKT = Alaska
HAT = Hawaii

Note: Your weekday will set automatically after year, month, and date are set.

To begin:

1. WWVB ON/OFF: Hold the TIME SET button five seconds so WWVB and the word ON will flash. Press and release either ARROW button to turn this to OFF if you do not wish WWVB time reception. Confirm with the TIME SET button and move to time zone.

2. TIME ZONE: EST will flash. Press and release the ▲ or ▼ buttons to select a different Time Zone: AST=Atlantic, EST= Eastern, CST= Central, MST= Mountain, PST= Pacific, AKT= Alaska, HAT=Hawaiian time zone. Confirm with the TIME SET button and move to DST.

3. DAYLIGHT SAVING TIME: DST will flash and the word ON. Press and release the ▲ or ▼ buttons to turn this to OFF if you do not observe DST. Confirm with the TIME SET button and move to 12/24 hour time.

4. 12/24 HOUR TIME: 12H will flash. Press and release the ▲ or ▼ buttons to select 24H. Confirm with the TIME SET button and move to the hour.

5. HOUR: The hour will flash. Press and release the ▲ or ▼ buttons to select the correct hour. Confirm with the TIME SET button and move to the minutes.

6. MINUTES: The minutes will flash. Press and release the ▲ or ▼ buttons to adjust the minutes. Confirm with the TIME SET button and move to the year.

7. YEAR: The year will flash. Press and release the ▲ or ▼ buttons to select the correct year. Confirm with the TIME SET button and move to the month.

8. MONTH: The month will flash. Press and release the ▲ or ▼ buttons to select the correct month. Confirm with the TIME SET button and move to the date.

9. DATE: The date will flash. Press and release the ▲ or ▼ buttons to select the correct date. Confirm with the TIME SET button and move to F/C.

Note: The Day of the Week will set automatically when the year, month and date are set.

10. FAHRENHEIT/CELSIUS: °F will flash. Press and release the ▲ or ▼ buttons to select Fahrenheit or Celsius. Confirm with the TIME SET button and exit.

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

WWVB ATOMIC TIME SIGNAL

- Press and release the TIME SET button to manually search for the WWVB Atomic Time Signal. Tower Icon will flash while searching.

- Press and release the TIME SET button to stop a search.

- For information about WWVB Atomic Time visit: http://bit.ly/AtomicTime

ALARM

Set Alarm:

1. Hold the ALARM button until the Alarm Hour begins to flash.

2. Press the ARROW buttons to adjust values, hold to adjust quickly.

3. Press the ALARM button to confirm and move to the Alarm Minutes.

4. Use the ARROW buttons again to adjust, and press ALARM to confirm and activate the alarm.

This station uses a crescendo alarm, which will increase in volume over time. If no buttons are pressed within 2 minutes, it will shut off automatically.

Activate/Deactivate Alarm:

- Press and release the ALARM button to deactivate or activate the alarm. The alarm time will show for 2 seconds.
- Alarm Icon (bell) and ALARM ON will show when active.
- ALARM OFF will show when inactive.

Snooze:
- When alarm sounds, press the SNOOZE/LIGHT button to silence alarm for 10 minutes.
- The Alarm Icon **Zz** will flash
- Press any button except SNOOZE/LIGHT to silence the alarm for 24 hours

ADJUSTABLE BACKLIGHT

Your Backlight may be turned OFF and adjusted to 2 levels of brightness.

To adjust brightness:
- Press and release the HI/LOW/OFF button to adjust backlight brightness.

TEMPERATURE ALERTS

Set Alerts:

1. Hold the ALERTS button for 3 seconds.
2. The temperature alert value will blink in set mode.
3. Press and release the ▼ or ▲ buttons to adjust alert values.
4. Press and release the ALERTS button to confirm & move to the next alert.
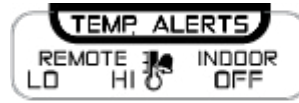
The temperature alert order:
1. Outdoor High 2. Outdoor Low 3. Indoor High 4. Indoor Low

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

Arm/Disarm Alerts:

Press and release the ALERTS button to toggle between the alerts Outdoor HI / Outdoor LOW / Indoor HI / Indoor LOW

• Arm the alert with the ▲button.
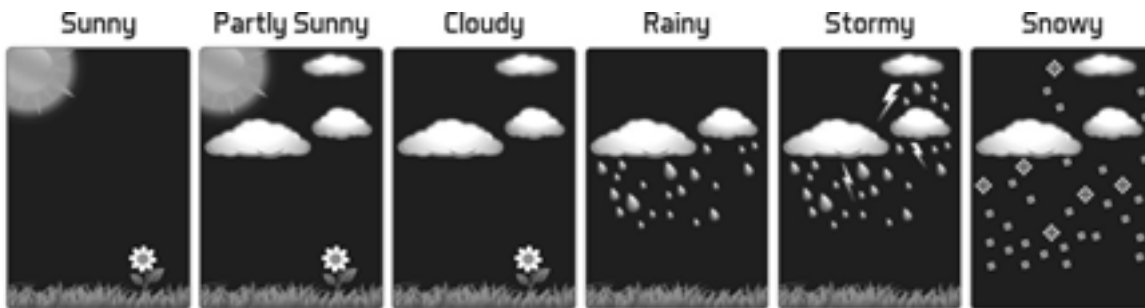• Disarm the alert with the ▼ button.
• ALERT BELL ICON appears when armed.

Active Temperature Alert:

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

WEATHER FORECAST ICONS

• The Weather Forecast Icons are determined by the station's barometric pressure reading. Please allow 7-10 days for barometric calibration.

• This is your pressure at your stations' location and may vary slightly from your local reporting station.

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

• When Outdoor temperature is below 32˚F and the forecast is RAIN or T-STORM, the station will display SNOW.

FORECAST TENDANCY ARROWS

The Forecast Tendancy Arrows tell you at a glance if the pressure is rising, falling or steady.
Rising pressure indicates the weather will improve. Falling pressure indicates the weather will worsen.

INDOOR COMFORT INDICATOR

The indoor comfort display reads the indoor humidity to determine comfort level.
The weather station will display one of five indicators:

HEAT INDEX & DEW POINT

• Press the HEAT/DEW button once to view Heat Index.
• Press the HEAT/DEW button again to view Dew Point Temperature.

MIN/MAX RECORDS

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

• Press and release the ▼ button to view minimum values.
• Hold the ▼ button for 5 seconds to reset minimum values.
• Press and release the ▲ button to view maximum values.
• Hold the ▲ button for 5 seconds to reset maximum values.

TEMPERATURE & HUMIDITY TREND ARROWS

• The UP and DOWN arrows indicate changes in temperature and humidity over the past 3 hours. The STEADY arrow indicates no change in the past 3 hours.

• The arrows will update every 30 minutes and compare data from exactly 3 hours prior.

  Temperature: Arrow changes every 2 degrees Fahrenheit.
  Humidity: Arrow changes every 3% RH

SENSOR SEARCH

- If you are seeing dashes in place of outdoor temperature, first check your sensor batteries.

- Hold the HEAT/DEW button for 3 seconds to search for the sensor. Sensor Reception icon will flash while searching and be solid when sensor signal is received.

- If you regain connection while the sensor is mounted, great. If you do not regain connection, bring the sensor within 10 feet of the station and search again.

Note:
- If the signal is lost, the station will display the last data recorded from sensor for 10 minutes.
- After that 10 minutes if the signal does not come back then you will see dashes "--".
- After 30 minutes, start looking for the sensor signal automatically.

CHANGE BATTERIES

We designed this station for convenience, so that a simple change of batteries does not lose your data or require you to power down your station.

Sensor:
1. When Battery Indicator shows next to the Outdoor Temperature, replace batteries in your Outdoor Sensor.

2. Then hold the HEAT/DEW button for 3 seconds and your station will search for your sensor.

Station:
1. When Battery Indicator shows next to the Indoor Temperature, change batteries in the station.

2. When changing the batteries in the station, continue using the power cord. After replacing the batteries, no other action is needed. The batteries in the station only maintain time/date in the event of a power outage.

SENSOR WEATHER SHIELD-NOT INCLUDED

The Sensor Weather Shield is designed to protect your outdoor sensor from rain and snow. This shield will offer limited protection from the sun's heat. Purchase at: http://bit.ly/925-1418

Sold separately

WE'RE HERE TO HELP!

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

Phone: 1-608-782-1610
Online: bit.ly/contact_techsupport

Our knowledgeable customer support team is available:
Monday-Friday, 8am-6pm CST.

JOIN THE CONVERSATION

Ask questions, watch detailed setup videos, and provide feedback on our social media outlets!

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.

SPECIFICATIONS

Indoor:
Temperature Range: 32°F to 122°F (0°C to 50°C)
Humidity Range: 10% - 99% RH

Outdoor:
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

Power Requirements:
S88907v2: 5-volt power adapter (included) AC6: GPU280500150WA00
         Optional: 3 "AAA" LR6 Batteries (not included)
TX141TH-Bv3: 2 "AA" LR6 Batteries (not included)

Battery Life:
S88907v2: over 36 months with power cord as primary power
TX141TH-Bv3: over 12 months with reputable batteries

Dimensions:
S88907v2: 8.34" L x 1.03" W x 5.48" H (21.18cm L x 2.62cm W x 13.92cm H)
TX141TH-Bv3: 1.57" L x 0.82" W x 5.11" H (3.98cm L x 2.08cm W x 12.98cm H)

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/support

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.

⚠ **WARNING:** This product can expose you to chemicals including styrene, which is known to the State of California to cause cancer. For more information go to: www.P65Warnings.ca.gov