

LA CROSSE®
TECHNOLOGY

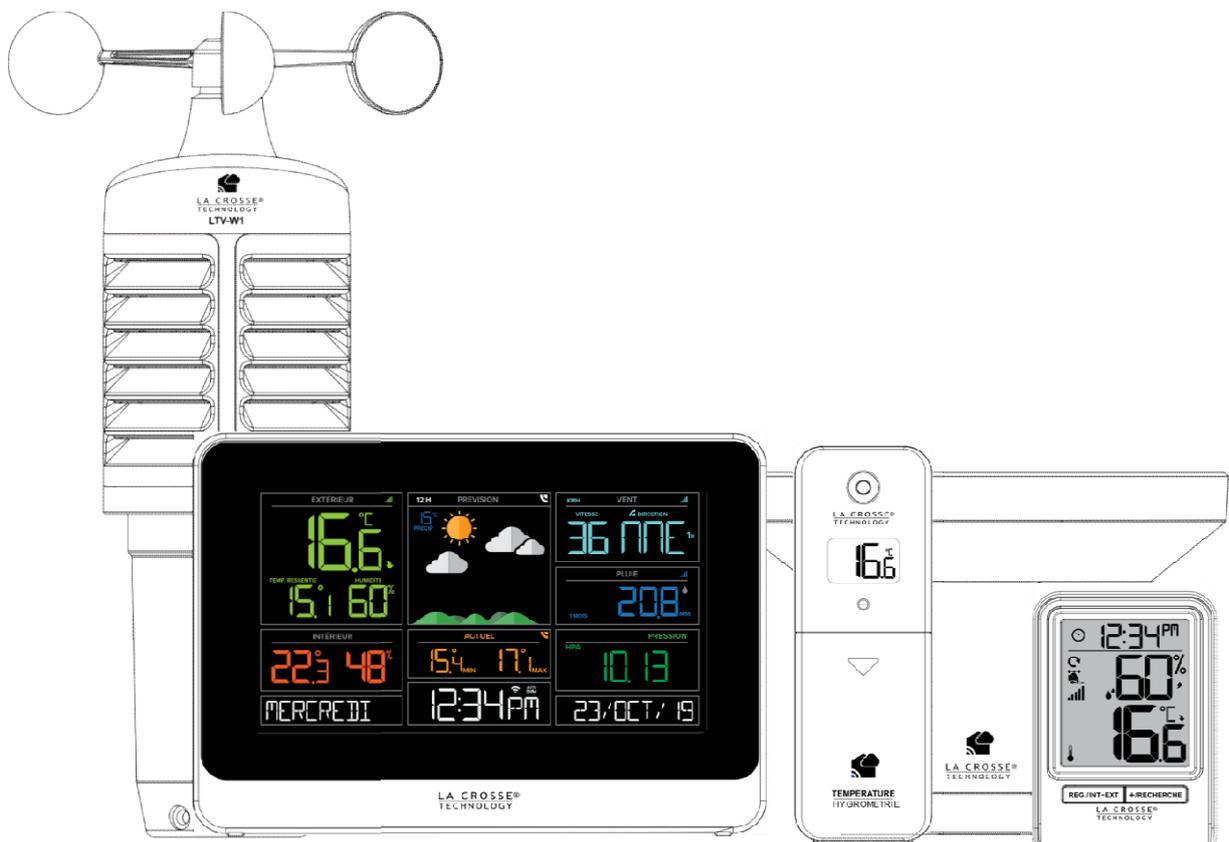
WI-FI PROFESSIONAL

WEATHER

STATION

WITH  **AccuWeather**

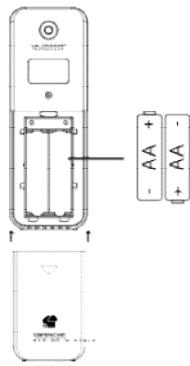
FORECAST



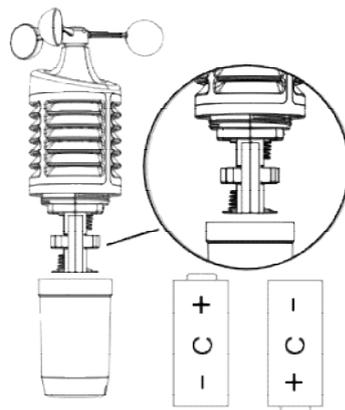
MODEL: WS6862

STEP 1: POWER UP SENSORS AND STATIONS SENSORS

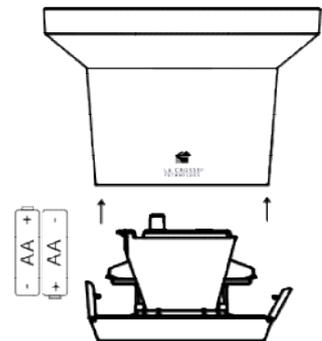
In any order, insert batteries into your Thermo-Hygro, Wind, and Rain Sensors.



Thermo-Hygro



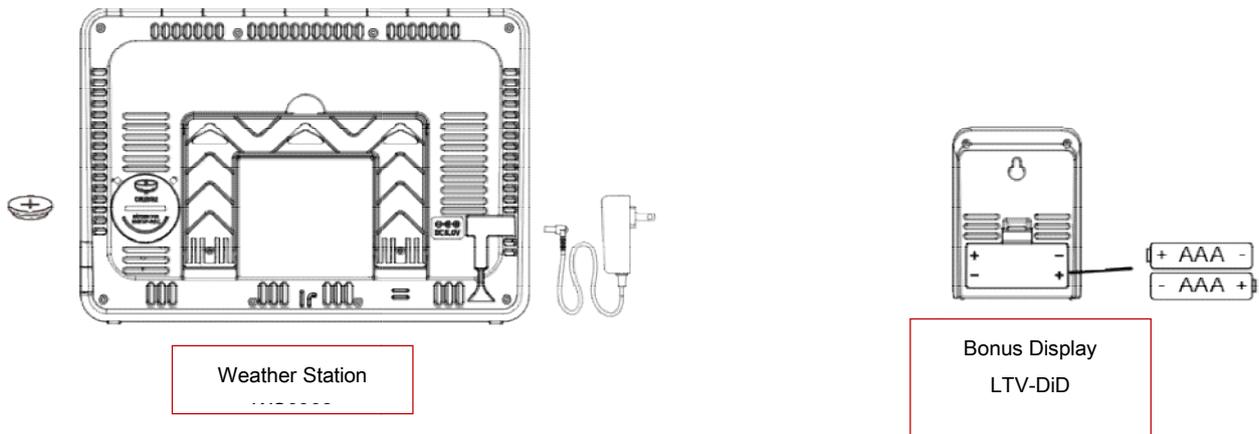
Wind Speed Sensor



Rain Sensor

STATIONS

- Insert the power cord into an outlet, then into your weather station.
- Remove the battery insulation tab installed on the bottom of the station.
- Insert 2 “AAA” batteries into the Bonus Display.



Note: It may take up to 10 minutes for your sensor data to appear on your stations' screen.

STEP 2:

CONNECT TO THE LA CROSSE VIEW™ APP



DOWNLOAD

Visit the App Store or Google Play Store to download the free La Crosse View™ app onto your mobile device.



LAUNCH & FOLLOW

Open the La Crosse View™ app and follow the on-screen instructions.

GET YOUR STATION READY

Ensure your station's Wi-Fi  Indicator is flashing. If it is not, press and hold the Plus (+) and Minus (–) button down together until it begins flashing. This tells you that your station is ready to connect.

HAVING TROUBLE CONNECTING?

Make sure your mobile device is connected to your router's 2.4GHz Wi-Fi network, and that you've correctly entered your Wi-Fi password.

BENEFITS OF CONNECTING TO LA CROSSE VIEW™

Feature	Standalone	Connected
Wind Speed	✓	✓

Wind Direction		✓
Rainfall Date	✓	✓
Indoor & Outdoor Temperature	✓	✓
Indoor & Outdoor Humidity	✓	✓
Feels Like Temperature	✓	✓
12-Hour Forecast	✓	✓
Internet Time & Calendar		✓
Barometric Pressure	✓	✓
Forecast Icons	✓	✓
Daily Forecast His & Los		✓
% Chance of Precipitation		✓
Ability to Add Sensors	✓	✓
Data Stream Technology		✓

STEP 3:

MOUNT YOUR SENSORS

THERMO-HYGRO

Keep out of direct sunlight & ensure the sensor is well ventilated.

We recommend mounting under a deck or eave facing north.

WIND

Ensure the sensor is mounted vertically, an unobstructed rooftop is ideal. Your Wind Sensor should be the tallest object in the area to avoid reduced wind speed values.

RAIN

Mount in an open area 1-2 meters off the ground on a level platform. Check the sensor often to remove leaves or other debris that could cause low rainfall readings.

BASIC SETTINGS

1. When the station is first powered on it will show time and search for all sensors.
2. VOIR APP will alternate every 3 seconds, with the day, for 30 seconds to direct the customer to download the La Crosse View App.
3. After 30 seconds (if not connected) station will provide Greeting (BIENVENUE) and move into the Setting Menu.
 - The REG. button will move through the Settings Menu.
 - Use the + or - button to adjust.

Settings Menu Order:

- Bonjour
- French (English, Spanish, German)
- 12Hr/24Hr Time

- Hour
- Minutes
- Year
- Month
- Date
- Date/Month or Month/Date
- Fahrenheit/Celsius
- Pressure Units: InHg / hPa
- Pressure number setting
- Wind Speed KMH or MPH
- Merci

Language: Whichever language is selected; the following instructions and weekday will be presented in that language.

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

Note: If you have connected to the La Crosse View™ app, time & date will automatically update from the Internet.

RAIN READINGS

Press the PLUIE button to view different rain readings. Your station will stay on the last reading selected.

NOW: Rain from the start of a rain event until there has been no rain for 30 minutes. This will reset to zero after 30 minutes of no rainfall.

1 HOUR: The past one hour rain fall (12 consecutive 5 minute accumulated totals).

24 HOURS: Accumulated total from the last 24 consecutive 1 hour rainfall readings. Not a midnight to midnight value. This updates each hour.

7 DAYS: Accumulated total from the last 7 consecutive 24 hour rainfall readings. Updates at midnight each day. Be sure time is set correctly.

1 MONTH: Accumulated total defined by the calendar month (i.e. January 1 - January 31). Note: Press the PLUS (+) button to view your past 11 monthly totals.

1 YEAR: Current month, plus past 11 monthly totals.

TOTAL: Total rainfall since powered on or reset.

Note: As time passes without rain, the 1 hour, 24 hour, and 7 day rain totals will count down to zero.

Reset Rainfall Readings (each reset individually):

- Press the PLUIE button to view individual rain readings.
- Hold the MINUS (-) button until individual values reset to current readings.

WIND READINGS

Press the VENT button to toggle through your top wind speed readings in the past:

1 HOUR: Top speed in the past 60 minutes.

24 HOURS: Top speed in the past 24 hours. Not a midnight to midnight total. Updates each hour.

7 DAYS: Top speed in the past 7 consecutive days. Updates at midnight each day. Be sure time is set correctly

1 MONTH: Top speed in the current calendar month (i.e. January 1 - January 31). Note: Press the PLUS (+) button to view your past 11 monthly top speeds.

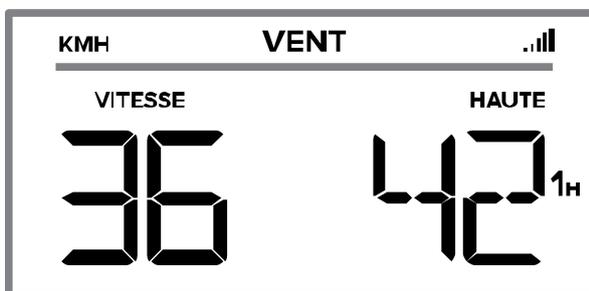
1 YEAR: Top speed in the current calendar year (i.e. January 1 - December 31).

Reset Wind Speed History (each reset individually):

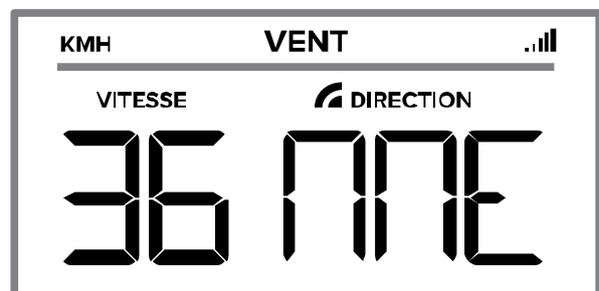
- Press the VENT button to view individual wind readings.
- Hold the MINUS (-) button until individual values reset to current readings.

WIND DIRECTION: When connected to the Internet, your display will show Wind Direction in place of your 1 Hour Top Speed.

Not connected



Wind Direction when connected



Reception Indicator: During the synchronization, the indicator will animate while searching for a signal. It will be solid when connected.

TEMPERATURE/HUMIDITY READINGS

Press the TEMP button to view indoor and outdoor HI | LO Temperature/Humidity records and Feels Like and Dew Point.

Viewing order:

- Outdoor High Temp with Time/Date
- Outdoor Low Temp with Time/Date
- Outdoor High Humidity with Time/Date
- Outdoor Low Humidity with Time/Date
- Indoor High Temp with Time/Date
- Indoor Low Temp with Time/Date
- Indoor High Humidity with Time/Date
- Indoor Low Humidity with Time/Date
- Feels Like High with Time/Date
- Feels Like Low with Time/Date
- Outdoor Dew Point

Reset Temperature/Humidity Readings (each reset individually):

- Press the TEMP button to view individual temperature/humidity readings.
- Hold the MINUS (-) button until individual values reset to current readings.
- HI | LO reading will reset to current temperature, humidity, and current time/date.

TEMPERATURE TREND ARROWS

The trend arrows update every 15 minutes and reflect changes greater than 1°C over the past hour.



Up arrow: Temperature is rising

Right arrow: Temperature is steady

Down arrow: Temperature is falling

FEELS LIKE TEMPERATURE

Feels Like temperature indicates both Wind Chill and Heat index on stations with wind speed

Feels Like Temperature shows Wind Chill: When the temperature is below 10°C, and there is an 8 KMH sustained wind speed.

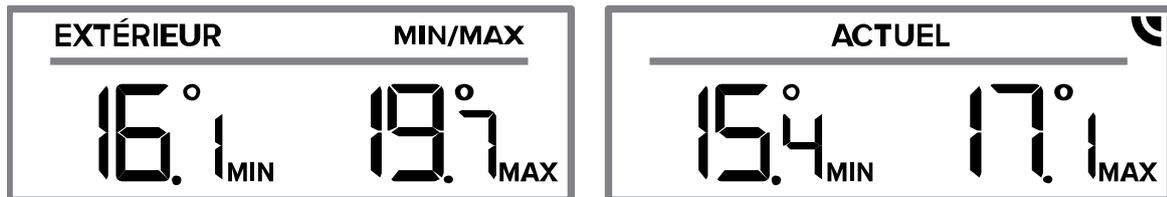
Feels Like Temperature shows Heat Index: When the temperature is above 26.6°C.

Feels Like Temperature shows Current Temperature: When the temperature is between 10.1°C and 26.5°C, the Feels Like Temperature will remain the same as the outdoor value regardless of humidity or wind speed.

SENSOR OR INTERNET MIN/MAX TEMPERATURES

Not Connected: The Minimum and Maximum Temperatures will come from your outdoor Thermo-Hygro Sensor.

Connected: The Minimum and Maximum Temperatures will come from Accu Weather.



PRESSURE READING

- The Relative Pressure reading will come from the station.
- In the Settings Menu, select between Hecto Pascal (HPA) or Inches of Mercury (INHG) for unit readout, and even program specific pressure values if desired.
- If you choose to add extra sensors, press the CAPTEUR SUPPLEMENTAIRE button to switch between sensor and pressure readings.

FORECAST ICONS

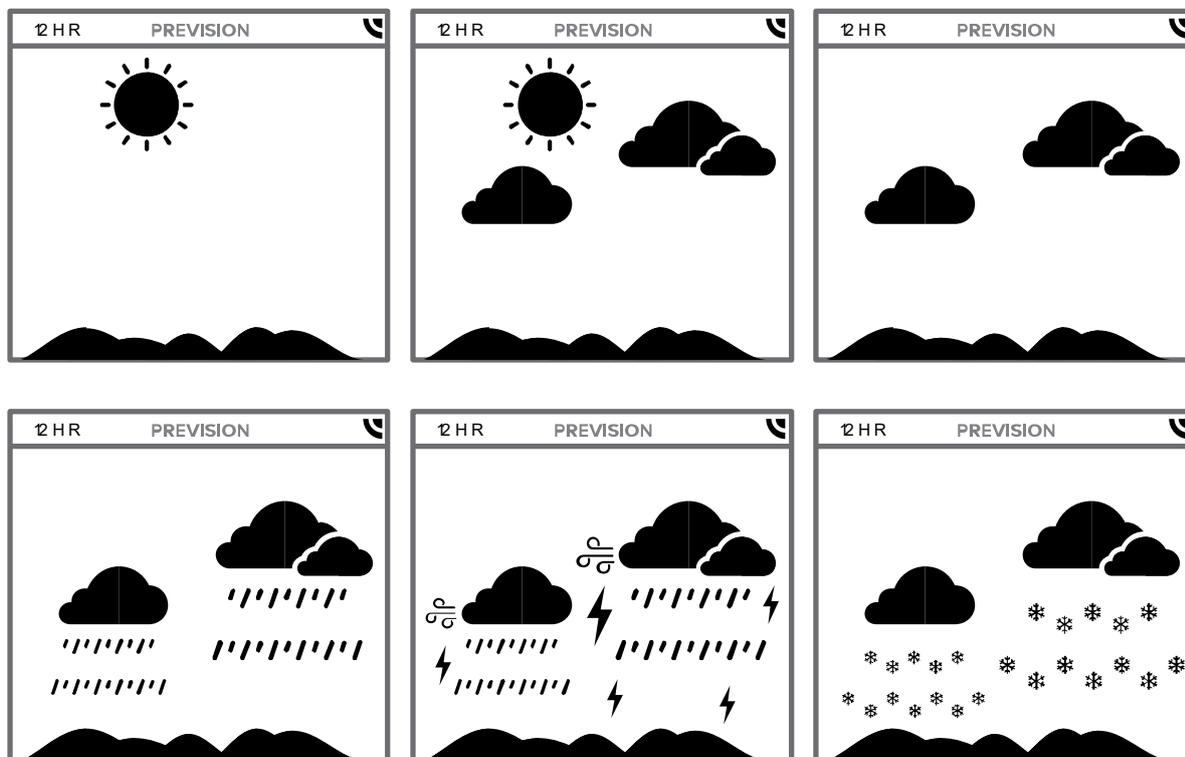
Not Connected:

- Your station will provide 6 Weather Icons that update according to Relative Pressure.

Connected:

- Your station will display up to 12 Weather Icons, day and night variations, and Chance of Precipitation values, provided by AccuWeather.
- These icons will indicate future weather conditions for your location.
- The Sun Icon will show from 7am to 7:00pm if the forecast is Sunny or Partly Sunny.

- The Moon Icon will show from 7pm to 7:00am if the forecast is Sunny or Partly Sunny.



HOURLY AND DAILY FORECASTS

When connected to the Internet, your station can display future forecast information.

This is stored from the most recent AccuWeather update.

- Press the HORAIRE button to toggle through your forecast to come during the next 12 hours.
- Press the QUOTIDEN button to toggle through your forecast to come during the next 7 days.
- If not connected: Station will say CONNEXION AU WIFI when the button is pressed.

ADJUSTABLE BACKLIGHT

Press the ECLAIRAGE button to adjust your backlight intensity from OFF to full brightness (5 levels).

AUTO DIM

Program your station to automatically dim during preselected times.

1. Hold the ECLAIRAGE button to enter Auto Dim Settings.
2. Press + or - button to adjust.
3. Press the ECLAIRAGE button to confirm and exit. When active the words AUTO DIM will show by the time.

Auto Dim Order:

- Auto Dim OFF/ON
- Auto Dim Start Time (Hour Only)
- Auto Dim Stop Time (Hour Only)

Note: If you change the backlight intensity during the Auto Dim sequence, your station will stay on the new setting until the Auto Dim is set to start again.

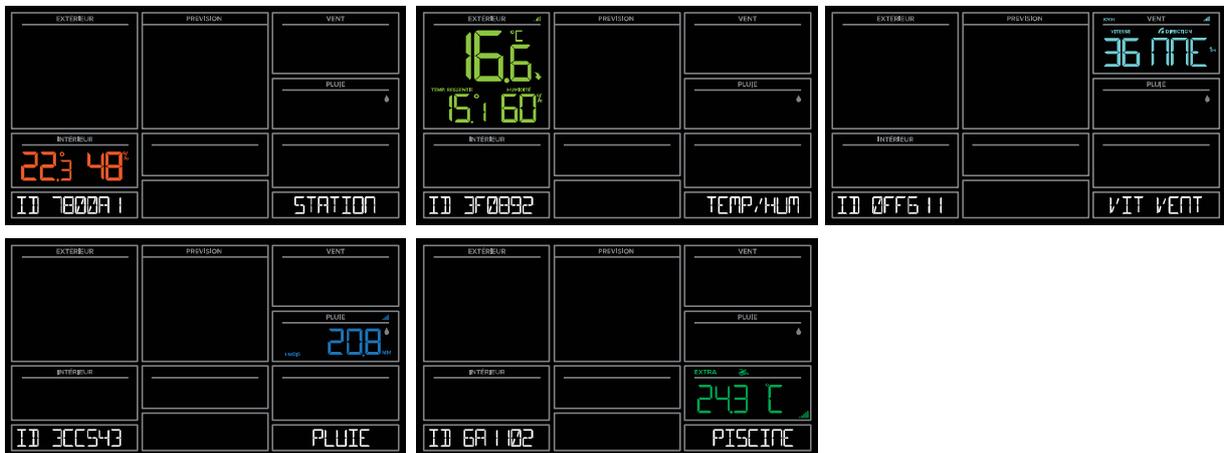
SEARCH/ADD/DELETE EXISTING SENSORS

Your station and each sensor have a unique ID number that will identify them in the La Crosse View app. This has the added bonus of locking them into your weather station until you manually delete them.

View ID numbers in station:

Press and release the CAPTEUR button. The ID number and type will show on the bottom of the station.

- Station
- TH Sensor
- Wind Sensor
- Rain Sensor
- Extra Sensor (if connected to station)



Search for Individual sensors:

1. Press and release the CAPTEUR button to view sensor type and ID.
2. Hold the PLUS (+) button to search for the sensor. The reception indicator will flash for up to 3 minutes.
3. Allow up to 3 minutes to view sensor and ID on station.

Note: Once sensor is found search will stop. The reception indication will stop flashing.

Sensor and ID will show for 3 seconds.

Delete Sensors:

1. Press and release the CAPTEUR button to view sensor type and ID.
2. Hold the MINUS (-) button to delete the sensor from the station.
3. Deleted sensor can no longer show on station. Batteries should be removed.
Station will automatically search for a replacement sensor of the same type.
Example: Delete a Wind sensor, the station will search for a new Wind sensor.
4. If replacing a sensor, insert batteries into the new sensor. Once station receives sensor, press the CAPTEUR button to confirm sensor ID.
Note: Deleted sensors with batteries installed, may still pass through to the app but will no longer show on the station.

ADD-ON SENSORS

Whether you choose to connect with the La Crosse View app or not, this station can display data for up to 4 additional sensors to view in place of the Pressure Reading.

Add Extra Sensor to your Station:

1. Hold the CAPTEUR SUPPLEMENTAIRE button until you see the Sensor Reception
2. Indicator  start to animate.
3. Install batteries into your sensor. If sensor has a TX button press it to force a transmission signal.
4. Your sensor should connect within the next 3 minutes, briefly displaying its ID and type. The Sensor Reception Indicator will show solid on screen when a sensor is connected.
5. Press the CAPTEUR SUPPLEMENTAIRE button to cycle through the data you'd like displayed on screen.
6. To add sensors to your La Crosse View app, watch this video: bit.ly/add_devices

Note: When first powering up, or after a factory restart, extra sensors should automatically connect with your station.

WI-FI STATUS

Press the REG. button to quickly view your Wi-Fi Status.

ALL OK CONNECTED: Your Station is connected to your Wi-Fi and its data should be available in your La Crosse View app.

CHECK APP: Check you La Crosse View app for notifications.

LOST WIFI: Check your router and network connections.

NO WEATHER SERVICE: Weather/Time Service not connecting. This will be resolved at the Weather Server. Please be patient.

BUTTONS AND FUNCTIONS

The buttons are located on the top and side of your Weather Station.

PLUIE VENT TEMP +REG. - CAPTEUR CAPTEUR
ECLAIRAGE

SUPPLEMENTAIRE

QUOTIDEN HORAIRE

PLUIE, VENT, TEMP	Press to view Rain, Wind and Temperature History.
-	1.Press to adjust values in settings, hold to quickly adjust 2.When reading rain,wind, and temperature history hold – to delete the rain, wind, temperature readings 3. When view ID, hold to delete sensor ID
+	1.Press to adjust values in settings, hold to quickly adjust 2.Normal display, hold to call the weather server
+ & -	Hold both together to search for Wi-Fi.

REG.	Press to view Wi-Fi Status. Hold to enter Settings Menu
CAPTEUR SUPPLEMENTAIRE	Press to toggle through “Extra Sensors” and Pressure. Hold to add Sensors.
CAPTEUR	Press to view sensor ID numbers, then hold PLUS (+) to search, or hold MOINS (-) to remove.
QUOTIDEN HORAIRE	Press to see Daily/Hourly Forecast. Must be connected to Wi-Fi.
ECLAIRAGE	Press to adjust backlight. Hold to set Auto Dim times. Press in any time to exit.
PLUIE & ECLAIRAGE	Hold both together to Factory Reset Station. All sensor ID’s, History, and Wi-Fi settings will be reset
VENT & TEMP	Hold both together to view the station firmware version

STATION ICONS



Wi-Fi Indicator: Will flash when your station is ready to connect to the Internet and be solid on screen when connected.



Internet Indicators: Will display in areas to indicate data coming from the Internet.



Low Battery Indicators: Individual station or sensor indicators that will let you know which batteries to replace.



Sensor Reception Indicators: Indicate the reception strength between your sensors and station.

BONUS DISPLAY

Your Bonus Station does not connect to La Crosse View and will need to be set manually:

Settings Menu:

1. Hold the REG./INT-EXT button for 3 seconds to enter the Settings menu.
2. Press the +/RECHERCHE button to adjust settings. Hold to adjust quickly.
3. Press the REG./INT-EXT button to move to next item

Setting order: • 12/24 Hour Time • Hour • Minutes • Celsius/Fahrenheit.

STATION AND BONUS DISPLAY SPECIFICATIONS

	WS6862BLA	Bonus display LTV-D1D
Indoor Temperature Range	0°C to 37°C(32°F to 99°F)	0°C to 50°C(32°F to 122°F)
Indoor Humidity Range	10% to 99%RH	10% to 99%RH
Relative Barometric Pressure	800 to 1100 hPa 23.62-32.48 InHg	N/A
Power Requirements	5.0 V Power Cord (included) 1 CR2032 Battery (included)	2 “AAA” Batteries (sold separately)
Dimensions	20.88cm L x 2.99cm W x 14.8cm H (8.22" L x 1.18" W x 5.83" H)	6.70cm L x 3.35cm W x 9.19cm H (2.64" L x 1.32" W x 3.62" H)

THERMO-HYGRO (LTV-TH2i)

- Outdoor Temperature Range: -40°C to 60°C(-40°F to 140°F)
- Outdoor Humidity Range: 10% to 99%RH
- Power Requirements: 2 “AA” Batteries
- Update Interval: Every 50 seconds for changes >0.4°C, otherwise every 3 minutes to save battery life.
- Dimensions: 5.0cm L x 1.90cm W x 14.55cm H (1.97" L x 0.75" W x 5.73" H)

WIND (LTV-W1)

- Wind Speed Range: 0 to 178 KMH (0 to 111 MPH)
- Power Requirements: 2 “C” Batteries (sold separately)
- Update Interval: Every 31 seconds for changes >0.7KMH, otherwise every 3 minutes to save battery life.
- Dimensions: 18.03cm L x 18.03cm W x 47.16cm H (7.10" L x 7.10" W x 18.57" H)
(with mounting bracket/pole)

RAIN (LTV-R3)

- Rainfall Range: 0-9999 mm (0-393.6 inches)
- Power Requirements: 2 “AA” Batteries (sold separately)
- Update Interval: Every 40 seconds for changes >0.19mm, otherwise every 3 minutes to save battery life.
- Dimensions: 18.13cm L x 12.1cm W x 13.3cm H (7.14" L x 4.76" W x 5.24" H)
- Sensor Transmission Range: 121.92 Meters (400 Feet) open air 868MHz

WI-FI NETWORK REQUIREMENTS

- Broadcast Frequency: 2.4GHz (802.11b/g/n)
- Network Name/Password: Must Not Exceed 45Characters
- Network Speed: Must Be Greater than 1 Mbps

Note: If you have a multiple band router, be sure your mobile device is connected to the

2.4 GHz frequency when connecting your station to the app.

MOBILE REQUIREMENTS

Apple phones require iOS with cellular or Wi-Fi service.

Android phones require Android OS with cellular or Wi-Fi service

WARNING:

1. This product contains a button battery.
2. If swallowed, it could cause severe injury or death in just 2 hours.
3. Seek medical attention immediately.

WARNING - KEEP BATTERIES OUT OF REACH OF CHILDREN

4. Swallowing may lead to serious injury in as little as 2 hours or death, due to chemical burns and potential perforation of the oesophagus.
5. If you suspect your child has swallowed or inserted a button battery, immediately seek urgent medical assistance.
6. Examine devices and make sure the battery compartment is correctly secured, e.g. that the screw or other mechanical fastener is tightened.
7. Do not use if compartment is not secure.
8. Dispose of used button batteries immediately and safely. Flat batteries can still be dangerous.
9. Tell others about the risk associated with button batteries and how to keep their children safe.

SUPPORT

For customer support visit:

<http://en.lacrossetechnology.fr/contact.php>

<http://www.lacrossetechnology.fr/contact.php>

Technical support : sav@lacrossetechnology.fr / (+33) 03.88.40.75.36

LIABILITY DISCLAIMERS

- The electrical and electronic wastes contain hazardous substances. Disposal of

electronic waste in wild country and/or in unauthorized grounds strongly damages the environment.

- Please contact your local or/and regional authorities to retrieve the addresses of legal dumping grounds with selective collection.
- All electronic instruments must from now on be recycled. User shall take an active part in the reuse, recycling and recovery of the electrical and electronic waste.
- The unrestricted disposal of electronic waste may do harm on public health and the quality of environment.
- As stated on the gift box and labeled on the product, reading the “User manual” is highly recommended for the benefit of the user. This product must however not be thrown in general rubbish collection points.
- The manufacturer and supplier cannot accept any responsibility for any incorrect readings and any consequences that occur should an inaccurate reading take place.
- This product is designed for use in the home only as indication of the temperature.
- This product is not to be used for medical purposes or for public information.
- The specifications of this product may change without prior notice.
- This product is not a toy. Keep out of the reach of children.
- No part of this manual may be reproduced without written authorization of the manufacturer.

RED DIRECTIVE 2014/53/EU

Summary of the Declaration of Conformity: We hereby declare that this wireless transmission device does comply with the essential requirements of RED Directive 2014/53/EU

LA CROSSE TECHNOLOGY

6 A RUE DU COMMERCE

67118 GEISPOLSHEIM

FRANCE

