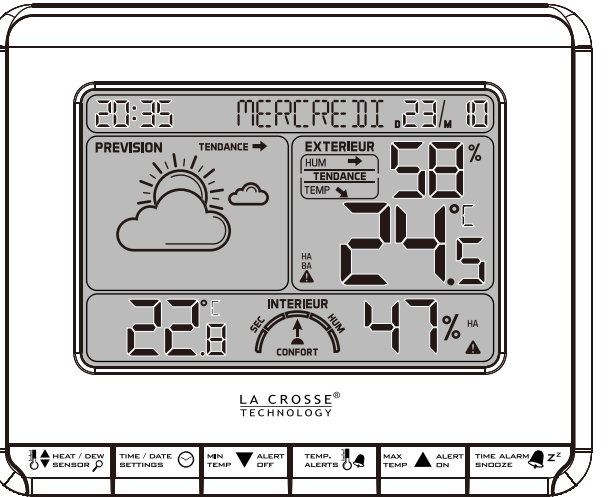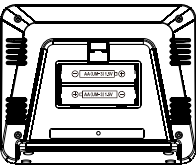# SIZE:400x262mm
FRONT

LA CROSSE® TECHNOLOGY

Wireless Weather Station
WS6818 | Quick Setup Guide

The Wireless Weather Station features manual set time, date, time alarm, weather forecast, indoor and outdoor temperature/humidity, with temperature alerts, heat index and dew point, Wireless transmission range of over 90 meters (300 feet) in open air, from transmitter to forecast station.

SETUP INSTRUCTIONS STEP BY STEP

STEP 1:
- Remove battery cover from the forecast station
- Insert 2 NEW AA batteries (not included) into the back of the forecast station. Observe the correct polarity (see marking inside the battery compartment).
- The forecast station will light up and show, indoor temperature, humidity and time.

STEP 2:
- Ensure that the transmitter is within 3 meters (10 feet) of the forecast station.
- Remove battery cover from transmitter: Slide the battery cover down and lift off the front of the transmitter.
- Insert 2 NEW AA batteries (not included) into the transmitter.
- Observe the correct polarity.
- Within 3 minutes, the forecast station will show readings in the Outdoor temperature area on the LCD.

Note:
- Use Alkaline batteries (or Lithium for temperatures below -28.8°C/- 20°F).
- Allow the weather station and the transmitter to stay within 10 feet of each other for the first 15 minutes of set up.

TRANSMITTER SIGNAL STRENGTH

- After the batteries are inserted, the forecast station will search for the outdoor temperature/humidity transmitter for 3 minutes.
- This antenna symbol will flash during reception, and temperature display will be dashes "--".
- The antenna symbol will scroll during transmitter synchronization.
- If synchronization fails once, the antenna will lose one bar.

- If synchronization fails twice, the antenna will lose two bars.
- If reception continuously fails to receive 5 times, the antenna symbol will be shown as .
- The antenna will show full display with successful RF (radio frequency) reception.

TROUBLESHOOTING

- If the outdoor temperature is not displayed after three minutes, hold the HEAT/DEW/SENSOR button on the forecast station for three seconds to search for outdoor transmitter.
- Next, remove the battery cover from the transmitter then press the TX button to send a signal.
- If it still does not receive the outdoor data, remove the batteries from both the forecast station and the transmitter for 15 minutes repeat setup instructions from step 1.
- The maximum transmitting range in open air is over 90 meters(300-feet).Obstacles such as wall, windows, stucco, concrete, and the large metal objects can reduce the range.

TIME/DATE

The SETTINGS button moves through the program menu and confirm settings.

Use the UP ARROW button to increase a value.

Use the DOWN ARROW button to decrease a value.

SET TIME/DATE

Hold the SETTINGS button for three seconds to enter time set mode.
- **BEEP ON/OFF: BP ON**(BEEP) will flash .The default is ON. Press and release the UP or DOWN button to ON or OFF the BEEP button sound.
- **12/24-HOUR:** The time format will flash. Use the ARROW buttons to choose 12-hour or 24-hour time format and press the SETTINGS button to confirm and move to hour.
- **HOUR:** The **Hour** will flash. Use the ARROW buttons to choose the hour, and press the SETTINGS button to confirm and move to minutes.
- **MINUTES:** The **Minutes** will flash. Use the ARROW buttons to choose the minutes, and press the SETTINGS button to confirm and move to the year.
- **YEAR:** The **Year** will flash. Use the ARROW buttons to choose the year, and press the SETTINGS button to confirm and move to the D-M.
- **D-M:** The **D-M** will flash. Use the ARROW buttons to choose DATE/MONTH or MONTH/DATE format, and press the SETTINGS button to confirm and move to the Month.
- **MONTH:** The **Month** will flash. Use the ARROW buttons to choose the month, and press the SETTINGS button to confirm and move to the date.
- **DATE:** The **Date** will flash. Use the ARROW buttons to choose the date, and press the SETTINGS button to confirm and move to Celsius/ Fahrenheit.
- **CELSIUS /FAHRENHEIT: °C or °F** will flash. Use the ARROW buttons to select Celsius or Fahrenheit. Press and release the SETTINGS button to confirm and Move to the language.
- **LANGUAGE:** The language will flash. The default is **FRENCH.** Use the ARROW buttons to select the language for weekday display (French or English) and press the SETTINGS button to confirm and exit setting.

Note:
- Up/Down arrows: Press once to adjust by 1 unit, hold for fast scroll adjustment.
- When in setting mode of any feature, all the rest of the information of the LCD should disappear, only concentrate in the setting of the feature
- Press the TIME ALARM/SNOOZE button at any time to exit or wait 20 seconds without pressing buttons to return to the normal time display.

ALARM TIME

The TIME ALARM button moves through the alarm set mode and confirms settings.

Use the UP ARROW button to increase a value.

Use the DOWN ARROW button to decrease a value.

SET ALARM TIME

From normal time and temperature display mode, press and release the TIME ALARM button once to show alarm time. Hold the TIME ALARM button for three seconds to enter alarm set mode.
- **HOUR:** The Hour will flash. Use the ARROW buttons to set the hour, and press TIME ALARM button to confirm and switch to minutes.
- **MINUTES:** The Minutes will flash. Use the ARROW buttons to set the minutes, Press and release the ALARM button to exit.

Note: Heat index will be the same number as the temperature until the outdoor temperature is above 26.7°C (80°F).

ACTIVATE/DEACTIVATE TIME ALARM

- In normal mode, press and release the TIME ALARM button once to show alarm time.
- Press and release the TIME ALARM button repeatedly to activate or deactivate the Alarm. The alarm icon appears when alarm is activated.

Note: The alarm will ring for 2 minutes then turn off if no buttons are pressed.

SNOOZE ALARM

- When the alarm sounds, press the SNOOZE button to snooze the alarm for 10 minutes. The alarm icon flashes when the snooze feature is active. The alarm icon will flash while the snooze feature is active.
- To stop alarm for one day, press any button but SNOOZE button, while in snooze mode. The alarm icon will show solid.

Note: Alarm is crescendo sound. When the alarm sounds, it continues for 2 minute and then shuts off completely.

INDOOR COMFORT DISPLAY

The indoor comfort display indicators will update by the humidity.

The display shows "sec", when the humidity is in the range 1%-25%

The display shows "sec", when the humidity is in the range 26%-39%

The display shows "confort", when the humidity is in the range 40%-75%

The display shows "hum", when the humidity is in the range 76%-83%

The display shows "hum", when the humidity is in the range 84%-99%

TEMPERATURE TREND ICONS

The outdoor temperature trend indicators will update every 30 minutes or less. These trends represent temperature changes over the past three hours.

Temperature rising more than 1°C /2°F in the past three hours.

Temperature has not changed more than 1°C /2°Fin the past three hours.

Temperature falling more than1°C / 2°Fin the past three hours.

HEAT INDEX & DEW POINT TEMPERATURE

HEAT INDEX

Heat Index combines the effects of heat and humidity. It is the apparent temperature of how hot it feels to a human being. As humidity increases, the body is unable to cool effectively. The temperature will feel warmer.

View Heat Index: From normal time and temperature display mode, press the HEAT/DEW button once and Heat Index will show instead of the outdoor ambient temperature.

Note: Heat index will be the same number as the temperature until the outdoor temperature is above 26.7°C (80°F).

DEW POINT TEMPERATURE

Dew Point Temperature is the saturation point of the air, or the temperature to which the air has to cool in order to create condensation. The higher the dew points, the higher the moisture content of the air at a given temperature.

View Dew Point Temperature: From normal time and temperature display mode, press the HEAT/DEW button twice and Dew Point temperature will show instead of the outdoor ambient temperature. PT ROSEE will show at the top of the display.

Note: Dew Point temperature is lower than the actual temperature.

HUMIDITY TREND ICONS

The outdoor humidity trend indicators will update every 30 minutes or less. These trends represent humidity changes over the past three hours.

Temperature rising more than 3% in the past three hours.

Temperature has not changed more than 3% in the past three hours.

Temperature falling more than 3% in the past three hours

TEMPERATURE ALERTS

- Hold the ALERTS button for 3 seconds to enter alert set mode.
- The temperature alert value will blink in set mode.
- Press the DOWN or UP buttons to adjust the values.
- Press the ALERTS button to confirm the value and continue.
- Press the DOWN or UP buttons to turn the alert ON or OFF

The alert setting order:
INDOOR TEMP HA ➔ INDOOR TEMP BA ➔ INDOOR HUMIDITY HA ➔INDOOR HUMIDITY BA ➔ OUTDOOR TEMP HA ➔OUTDOOR TEMP BA ➔OUTDOOR HUMIDITY HA ➔OUTDOOR HUMIDITY BA

One or all of the HA (high) and BA (low) temperature alerts may be set.
- Range for indoor temperature alert: 0°C to 50°C (+32°F to +122°F)
- Range for outdoor temperature alert: -40°C to 60°C (-40°F to 140°F)

ARM/DISARM TEMPERATURE/HUMIDITY ALERTS

- Press and release the ALERTS button to toggle between the alerts: INDOOR TEMPERATURE (HA/BA) ➔ INDOOR HUMIDITY (HA/BA) ➔ OUTDOOR TEMP (HA/BA) ➔OUTDOOR HUMIDITY (HA/BA)
- Press the UP button to arm the alert.
- Press the DOWN button to disarm the alert.

BACK

- The HA (high) or BA (low) alert icon appears when armed.

ACTIVE TEMPERATURE ALERT

- Beeps once per minute with flashing alert icon.
- Press and release the ALERTS button to toggle between the alerts.
- Press any button to stop the temp alert sound.

MIN/MAX TEMPERATURES & HUMIDITY

The forecast station will show the daily minimum and maximum temperatures&humidity each day starting at midnight (00:00). The forecast station automatically resets the min/max temperatures& humidity at midnight (00:00).

- **View MIN data:** Press and release the MIN TEMP button to view the minimum Indoor and Outdoor Temperatures& humidity.
- **Reset MIN data:** Hold the MIN TEMP button for 2 seconds and the Indoor and all Outdoor Minimum Temperatures& humidity will be reset. The temperature area will show dashes briefly then return to current temperatures.
- **View MAX data:** Press and release the MAX TEMP button to view the maximum Indoor and Outdoor Temperatures& humidity.
- **Reset MAX data:** Hold the MAX TEMP button for 2 seconds and the Indoor and all Outdoor Maximum Temperatures & humidity will be reset. The temperature area will show dashes briefly then return to current temperatures.

LOW BATTERY ICON

- When this low battery icon appears in the indoor (INTERIEUR) reading section, replace the batteries in the forecast station.
- When this low battery icon appears in the outdoor (EXTERIEUR) readings section, replace the batteries in the outdoor station.

FORECAST TENDENCY INDICATOR

The forecast tendency indicators in the upper right corner of the forecast display indicate the rising or stable or falling pressure trend.
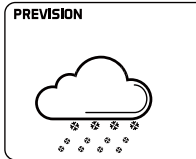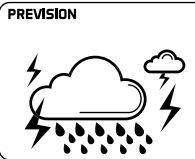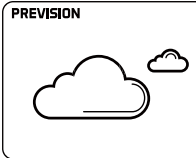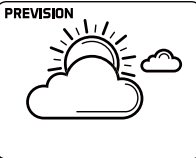
Rising Pressure
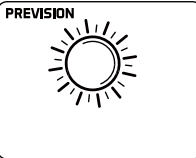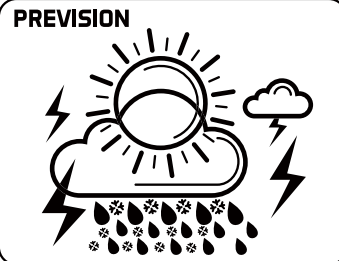Stable Pressure
Falling Pressure

The up arrow indicates the weather is improving. The down trending arrow indicates the weather may worsen. The stable arrow indicate the pressure is steady.

WEATHER FORECAST ICONS

The forecast station predicts weather condition of the next 12-hours based on the change of atmospheric pressure with 70-75% accuracy.
Note: As weather conditions cannot be 100% correctly forecasted we are not responsible for any loss caused by an incorrect forecast.

PREVISION

The forecast station samples the barometric pressure every twelve minutes. These samples are averaged hourly and daily then stored in nonvolatile memory. The three hour pressure icon change is based off of the last four average hourly readings.

THIS STATION LEARNS
The forecast station calibrates barometric pressure based on its location over a period of time to generate an accurate, personal forecast. Please allow 3 to 4 days for barometer calibration.
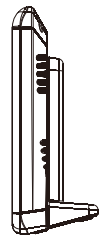
IMPORTANT: As the forecast station builds memory, it will compare the current average pressure to the past forty day average pressure for increased accuracy. The longer the forecast station operates in one location the more accurate the forecast icons will be.

CARE AND MAINTENANCE

- **Do Not Mix Old and New Batteries**
- **Do Not Mix Alkaline, Standard, Lithium or Rechargeable Batteries**
- Do not expose the forecast station to extreme temperatures, vibration or shock.
- Keep forecast station dry.
- Clean forecast station with a soft damp cloth. Do not use solvents or scouring agents.
- The forecast station is not a toy. Keep it out of reach of children.
- The forecast station is not to be used for medical purpose or for public information; it is for home use only.
- The specifications of this forecast station may change without prior notice.
- Improper use or unauthorized opening of housing will void the warranty.

POSITION THE FORECAST STATION

Choose a location for the forecast station that is within range (90 meters, 300 feet,) of the outdoor transmitter. The forecast station has a built in base stand to sit on a table or desk.
- Choose a location 2 meters(6 feet) or more from electronics such as cordless phones, gaming systems, televisions, microwaves, routers, baby monitors, etc., which can prevent signal reception.
- Be aware of electrical wires and plumbing within a wall.
- Best reception is achieved when the front or the back of the forecast station is facing the outdoor transmitter. This allows a larger portion of the antenna to receive a signal.
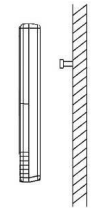
POSITION THE OUTDOOR TRANSMITTER

Once the forecast station shows the outdoor temperature/humidity, place it and the transmitter in the desired locations and wait approximately 1-hour before permanently mounting the transmitter to ensure that there is proper reception. The transmitter should be mounted vertically, in a shaded, protected area, at least 2 meters(6 feet) from the ground to avoid damage and ensure accurate readings. The transmitter is water resistant, not waterproof and should not be placed anywhere it will become submerged in water or subject to standing water or snow.

Choose a location for the transmitter that is within range of the forecast station and under an overhang for accuracy. Wireless transmitting range in open air is over 90 meters (300-feet) from outdoor transmitter to forecast station.

Option 1:
- Install one mounting screw (not included) into a wall leaving approximately12.7mm (½ of an inch) extended.

- Place the transmitter onto the screw, using the hanging hole on the backside.
- Gently pull the transmitter down to lock the screw into place.

Option 2:
- Insert the mounting screw (not included) through the front of the transmitter and into the wall.
- Tighten the screw to snug (do not over tighten).

To achieve a true temperature/humidity reading, mount where direct sunlight cannot reach the outdoor transmitter. Mount the outdoor transmitter on a North-facing wall or in any well shaded area. Under an eave or deck rail work well. The maximum transmitting range in open air is over 90 meters (300-feet). Obstacles such as walls, windows, stucco, concrete, and large metal objects can reduce the range. Place the transmitter at least 2 meters (6 feet) in the air to improve signal transmission.

SPECIFICATIONS

Indoor:
Temperature Range:	0°C to 50°C(+32°F to 122°F)
Humidity Range:	1%-99% (RH)
Interval:	About every 30 seconds

Outdoor:
Temperature Range:	-40°C to 60°C(-40°F to 140°F)
Humidity Range:	1%-99% (RH)
Distance:	Over. 90 meters (300 ft) RF 433MHz (open air)
Interval:	About every 50 seconds

Power:
Forecast Station:	2-AA, IEC, LR6 batteries (not included)
Transmitter:	2-AA, IEC, LR6 batteries (not included)

Battery Life:
Transmitter	
Battery Life:	Battery life is over 12 months when using reputable Alkaline battery brands.
Forecast Station	
Battery Life:	Battery life is over 12 months when using reputable Alkaline battery brands.

Dimensions:
Forecast Station:	137.2 mm L x 42.8 mm W x 111.8 mm H (5.40"L x 1.68"W x 4.40"H)
Transmitter:	40 mm L x 20 mm W x 130 mm H (1.57" L x 0.79" W x 5.12" H)

LIABILITY DISCLAIMER

- 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.

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