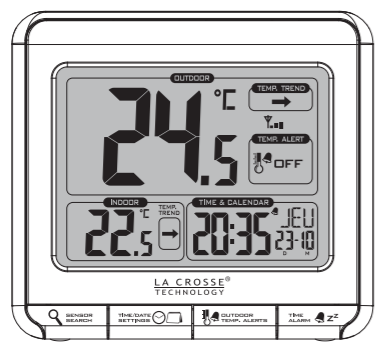


# SIZE: 400x262mm

## LA CROSSE® TECHNOLOGY

### Wireless Temperature Station WS6811 | Quick Setup Guide

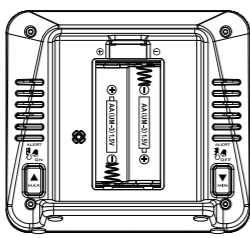
The Wireless Temperature Station features manual set time, date, alarm with snooze, indoor and outdoor temperature with high and low outdoor temperature alarms. Large temperature digits provide temperature at a glance. Wireless transmission range of over 100 meters (330 feet) in open air, from transmitter to temperature station.



#### SETUP INSTRUCTIONS STEP BY STEP

##### STEP 1:

- Remove battery cover from the Temperature Station. Slide tab down and pull out to remove the battery cover.
- Insert 2 NEW AA batteries (not included) into the back of the Temperature Station. Observe the correct polarity (see marking inside the battery compartment).
- The Temperature Station will light up and show indoor temperature.
- Do Not Mix Old and New Batteries**
- Do Not Mix Alkaline, Standard, Lithium or Rechargeable Batteries**



##### STEP 2:

- Ensure that the transmitter is within 3 meters (10 feet) of the Temperature Station.
  - Remove battery cover from transmitter: Slide the battery cover down and lift off the front of the transmitter.
  - Insert 2 NEW AA batteries into the transmitter. Observe the correct polarity.
  - Within 3 minutes the Temperature Station will show readings in the outdoor temperature area on the LCD.
- Note:** Allow the Temperature Station and the transmitter to stay within 3 meters (10 feet) of each other for the first 15 minutes of set up.



#### TRANSMITTER SIGNAL STRENGTH

- After the batteries are inserted, the temperature station will search for the outdoor transmitter for 3 minutes.
- The antenna symbol will flash during reception, and temperature display will be dashes "----".
- The antenna symbol will scroll during signal 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 SENSOR SEARCH button on the temperature 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 temperature, remove the batteries from both the temperature station and the transmitter for 15 minutes repeat setup instructions from step 1.
- The maximum transmitting range in open air is over 330-feet (100 meters). Obstacles such as walls, windows, stucco, concrete, and large metal objects can reduce the range.

#### TIME/DATE

The TIME/DATE button moves through the program menu and confirm settings.

- The UP arrow (on back) will increase a selected value.
- The DOWN arrow (on back) will decrease a selected value.

#### SET TIME/DATE

Hold the TIME/DATE button for three seconds to enter time set mode.

- YEAR:** The Year will flash, use the ARROW buttons to choose the year, and press the TIME/DATE button to confirm and move to the month.
- MONTH:** The Month will flash, use the ARROW buttons to choose the month, and press the TIME/DATE button to confirm and move to the date.
- DATE:** The Date will flash; use the ARROW buttons to choose the date. Press the TIME/DATE button to confirm and move to 12/24 hour time format.
- 12/24-HOUR:** The time format will flash, use the ARROW buttons to choose 12-hour or 24-hour time format and press the TIME/DATE button to confirm and move to hour.
- LANGUAGE:** The language will flash. Use the ARROW buttons to select the language for weekday display (French, Italian, Dutch, Spanish, Danish, English or German - refer to the table hereunder) and press the TIME/DATE button to confirm and move to hour.

WEEK	ENGLISH	GERMAN	FRENCH	ITALIAN	DUTCH	SPANISH	DANISH
MON	MON	MON	LUN	LUN	MAR	LUN	MAR
TUE	TUE	DIE	MAR	MAR	DIN	MAR	TIR
WED	WED	MIT	MEK	MER	WOE	MIE	ONS
THU	THU	DON	JEU	GIO	DON	JUE	TOR
FRI	FRI	FRE	VEN	VEN	VRI	VIE	FRE
SAT	SAT	SAM	SAB	SAB	ZAT	SAB	LOP
SUN	SUN	SON	DIM	DOM	ZON	DOM	SON

- HOUR:** The Hour will flash, use the ARROW buttons to choose the hour, and press the TIME/DATE button to confirm and move to minutes.
  - MINUTES:** The Minutes will flash, use the ARROW buttons to choose the minutes, and press the TIME/DATE button to confirm and move to Fahrenheit/Celsius.
  - CELSIUS/FAHRENHEIT:** °C or °F will flash. Use the ARROW buttons to select Celsius or Fahrenheit. Press and release the TIME/DATE button to confirm and exit the program menu.
- Note:** When no buttons are pressed for ten seconds, the Temperature Station will save the last change and default back to normal time and temperature display mode.

#### TIME ALARM

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

- The UP arrow (on back) will increase a value.
- The DOWN arrow (on back) will decrease a value.

#### SET ALARM

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. Then press the TIME ALARM button again switch to minute setting.
  - MINUTES:** The Minutes will flash, use the ARROW buttons to set the minutes, and press TIME ALARM button to confirm.
  - Press the TIME/DATE button to return to normal mode
- Note:** When no buttons are pressed for ten seconds, the Temperature Station will save the last change and default back to normal time and temperature display mode.

#### ACTIVATE/DEACTIVATE ALARM

- From normal time and temperature display mode, press and release the TIME ALARM button once to show alarm time.
- Press and release the TIME ALARM button repeatedly to turn the alarm ON/OFF. The alarm icon appears when alarm is activated.

#### SNOOZE

When the alarm sounds press the TIME ALARM button to snooze the alarm for 10 minutes. The snooze option can be repeated three times.

**Note:** while the alarm sounds press any button **except** the TIME ALARM button to turn the alarm off.

#### LOW BATTERY

- When this low battery icon appears in the indoor reading section, replace the batteries in the Temperature station.
- When this low battery icon appears in the outdoor readings section, replace the batteries in the outdoor transmitter.

#### MIN/MAX TEMPERATURE

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

- View MIN data:** Press and release the MIN button to view the minimum Indoor and Outdoor Temperatures.
  - Reset MIN data:** Hold the MIN button for 3 seconds and the Indoor and all Outdoor Minimum Temperatures will be reset to current temperatures.
  - View MAX data:** Press and release the MAX button to view the maximum Indoor and Outdoor Temperatures.
  - Reset MAX data:** Hold the MAX button for 3 seconds and the Indoor and all Outdoor Maximum Temperatures will be reset to current temperatures.
- Note:** When no buttons are pressed for ten seconds, the temperature station will return to display the current temperature.

#### TEMPERATURE ALERTS

Alert values are set when they flash in the outdoor temperature area. Temperature alerts are turned on or off in the Temperature Alert box.

**One or all the temperature alerts may be set.**  
Range for outdoor temperature alert:  
-40°C to 60°C (-40°F to 140°F)

#### SELECT TEMPERATURE ALERT VALUES

Hold the OUTDOOR TEMP ALERTS button for three seconds, until the temperature station beeps, to enter alert setting.



- OUTDOOR HIGH alert (EXTERIEUR HA)** will flash where the outdoor temperature shows. Press the ARROW buttons to set the alert value, and press the OUTDOOR TEMP ALERTS button to confirm. Then press the OUTDOOR TEMP ALERTS button again switch to OUTDOOR LOW setting.
  - OUTDOOR LOW alert (EXTERIEUR BA)** will flash where the outdoor temperature shows. Press the ARROW buttons to set the alert value, and press the OUTDOOR TEMP ALERTS button to confirm and exit.
- Note:** After selecting temperature alert values use the next step to turn individual alerts ON or OFF.

#### TEMPERATURE ALERTS ON/OFF

From normal time and temperature display mode, press and release the OUTDOOR TEMP ALERTS button to toggle between:

- EXTERIEUR HA (Outdoor high alert)
- EXTERIEUR BA (Outdoor low alert)

- Press the UP ARROW button (Alerte ON) to turn the selected alert ON. The alert icon appears when alarm is activated.
- Press the DOWN ARROW button (Alerte OFF) to turn the selected alert OFF.

**Note:** When no temperature alerts are set the Temperature Alert area will show OFF.

#### TEMPERATURE ALERT SOUNDS

- When temperature alert is ringing, corresponding alert icon will flash.
- The alert will ring for five seconds every minute, until the temperature is out of alert range.
- Press any button to stop alert. The alert icon will still show.
- Turn alert OFF: In normal mode, press and release the OUTDOOR TEMP ALERTS button to select the alert to turn off. With HA or BA alert selected, press the DOWN ARROW button to turn that alert OFF.

#### TEMPERATURE TREND ARROWS

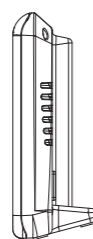
The indoor and outdoor temperature trend arrows will update every 30 minutes or less. These trends represent temperature changes over the past three hours.

UP: Temperature rising more than 1°C /2°F in the past three hours  
RIGHT: Temperature has not changed more than 1°C /2°F in the past three hours.  
DOWN: Temperature falling more than 1°C /2°F in the past three hours

#### POSITION THE TEMPERATURE STATION

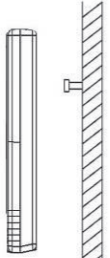
Choose a location for the Temperature Station that is within range (100 meters, 330 feet) of the outdoor transmitter. The Temperature Station has a built in base to sit on a table or desk.

- 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 Temperature Station is facing the outdoor transmitter. This allows a larger portion of the antenna to receive a signal.



#### POSITION THE WIRELESS OUTDOOR TRANSMITTER

Once the Temperature Station shows the outdoor temperature, 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 Temperature Station and under an overhang for accuracy.



- Option 1:**
- Install one mounting screw (not included) into a wall leaving approximately 12.7mm 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 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 100 meters (330-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.

#### CARE AND MAINTENANCE

- Do Not Mix Old and New Batteries**

#### Do Not Mix Alkaline, Standard, Lithium or Rechargeable Batteries

- Do not expose the temperature station to extreme temperatures, vibration or shock.
- Keep temperature station dry.
- Clean temperature station with a soft damp cloth. Do not use solvents or scouring agents.
- The temperature station is not a toy. Keep it out of reach of children.
- The temperature station is not to be used for medical purpose or for public information; it is for home use only.
- The specifications of this temperature station may change without prior notice.
- Improper use or unauthorized opening of housing will void the warranty.
- If the temperature station does not work properly, change the batteries.

#### SPECIFICATIONS

**Indoor:**  
Temperature Range: 0°C to 50°C (+32°F to +122°F)  
Interval: About every 30 seconds

**Outdoor:**  
Temperature Range: -40°C to 60°C (-40°F to 140°F)  
Distance: Over 100 meters (330 ft.)  
RF 433MHz (open air)  
Interval: About every 50 seconds

**Power:**  
Temperature 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.

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

**Dimensions:**  
Temperature Station: 108 x 38 x 99 mm (4.27" L x 1.48" W x 3.88" H)  
Transmitter: 40 x 20 x 130 mm (1.57" L x 0.79" W x 5.12" H)

#### CAUTION

Risk of fire or explosion or defeat the safeguard of equipment if the battery is replaced by an incorrect type. Replace only with the same or equivalent type. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion. High or low extreme temperatures or low air pressure at high altitude that the battery can be subjected to during use, storage or transportation. Leaving the battery in an extremely high temperature and/or low high air pressure surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.

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