LA CROSSE® TECHNOLOGY

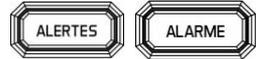**Model:** WS6835
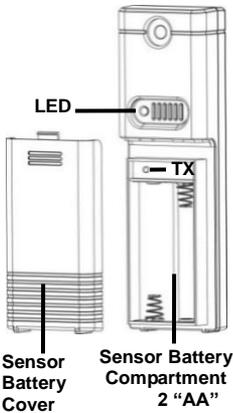**Quick Setup Guide**

WIRELESS COLOR FORECAST STATION

FRONT VIEW

SIDE BUTTONS

Time

Color Animated Forecast + Tendency

Outdoor Temperature with Trend

Indoor Temperature with Trend

LA CROSSE® TECHNOLOGY

HUMIDITÉ

Calendar + Alarm

Moon Phase

24 Hour Pressure History Graph with Trend

Outdoor Humidity with Trend

Indoor/Outdoor Temperature Alerts + Indoor Humidity with Trend

SNOOZE/LIGHT(HI–LOW–OFF)

TIME SET.

HEAT/DEW

▲

▼

FRONT BUTTONS

ALERTES   ALARME
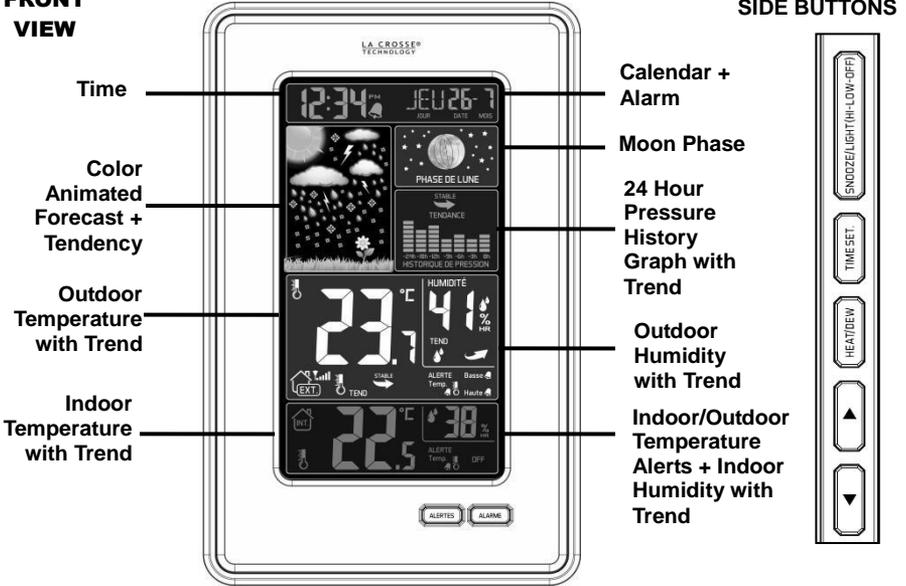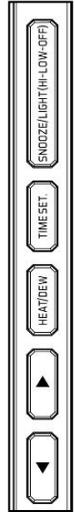
OUTDOOR SENSOR TX141TH-BV2

Wall Hanging Holes

BACK VIEW

LED

TX

Battery Compartment 3 "AAA"

AC Power Jack DC 5.0V HX0180500150D2E

Sensor Battery Cover

Sensor Battery Compartment 2 "AA"

Base Stand
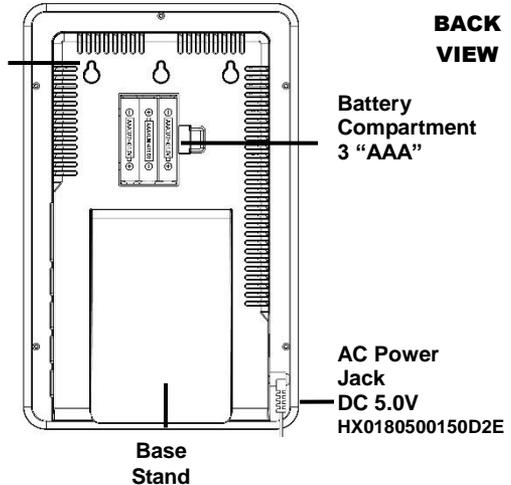
Get Started

Step 1: Insert the 5 volt AC cord (included) into the wall outlet then into the forecast station.
Step 2: Insert the 3 *new* AAA Alkaline batteries (not included) into the forecast station. Observe the correct polarity.
Step 3: Insert the 2 *new* AA batteries (not included) into the TX141TH-BV2 outdoor sensor. Observe the correct polarity. The red LED will flash during transmission.

Restart: If there is no outdoor temperature/humidity data after 3 minutes, unplug the AC adapter and remove batteries from the forecast station & outdoor sensor for 15 minutes. Return to **Step 1** above.

Set Time, Date, Temperature Unit

1. Hold the **TIME SET** button to enter time set mode.
2. Press the ▼ or ▲ buttons to adjust the values.
3. Press the **TIME SET** button to confirm adjustments and move to the next item.
4. The default week language is French.

Time setting order:
1. Beep on/off
2. Time Zone +/-12 H
3. 12/24 hour time format
4. Hour
5. Minutes
6. Year
7. Month
8. Date
9. Celsius/Fahrenheit
10. Language(FRE,GER, ITA, DUT, SPA, DAN, ENG)
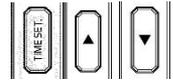
- Press the **SNOOZE/LIGHT(HI-LOW-OFF)** button to exit, or wait 20 seconds without pressing buttons to return to the normal time display.
- When in setting mode of any feature, all the rest of the information of the LCD should disappear, only concentrate in the setting of the feature.

Set Indoor and Outdoor Temperature Alerts

1. Hold the **ALERTES** button until the station beeps.
2. The temperature alert value will blink in set mode.
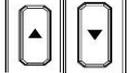3. Press the ▼ or ▲ buttons to adjust the values.

4. Press the **ALERTES** button to confirm & move to the next alert.

The temperature alert order:
1. Outdoor High (HA), **2.** Outdoor Low (BA), **3.** Indoor High (HA), **4.** Indoor Low (BA)

Arms/Disarms Temperature Alerts

Press and release the **ALERTES** button to toggle between the alerts Outdoor HI (HA)/Outdoor LOW (BA)/Indoor HI (HA)/Indoor LOW (BA).

- Press the ▲ button to arm the alert.
- Press the ▼ button to disarm the alert.
- 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.

Set Time Alarm

1. Hold the **ALARME** button to enter alarm time set mode.
2. Press the ▼ or ▲ buttons to adjust the values.
3. Press the **ALARME** button to confirm & move to the next item.

Alarm Time setting order: 1. Hours, **2.** Minutes

Activate/Deactivate Time Alarm

- Press the **ALARME** button once to view alarm time.
- Press the **ALARME** button again to activate the alarm. Once activated, the bell icon appears.
- Press the **ALARME** button again to deactivate the alarm. The bell icon will disappear.

## Snooze (Silences Alarm Temporarily)

- When alarm sounds, press the **SNOOZE/LIGHT** button to silence the alarm for 10 minutes. The alarm icon **(Zz)** will flash.
- To stop alarm for one day, press any button but not HI/LOW/OFF button, while in snooze mode. The alarm icon will show solid.

Note: The alarm is crescendo sound. The alarm sounds for 2 minutes and then shut off completely.

Animated Color Forecast Icons

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

Sunny   Partly Sunny   Cloudy   Rainy   Stormy   Snowy
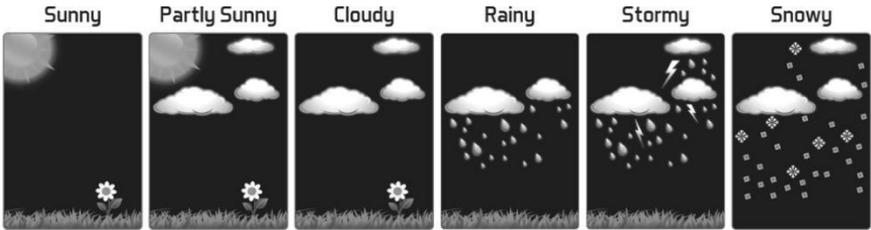
INTELLIGENT WEATHER FORECAST
This station learns; please allow 3 to 4 weeks for barometric calibration. This will ensure an accurate personal forecast for your location.

Forecast Tendency Indicators (above Pressure History Graph)

TENDENCY **Rising Pressure** Weather is Expected to Improve	TENDENCY **Steady Pressure** Weather is Expected to Stay the Same	TENDENCY **Falling Pressure** Weather is Expected to Worsen

24 Hour Pressure History Graph/Tendency Arrow

- The bar chart indicates the air pressure history trend over the last 24 hours.
- The columns represent the pressure change ("InHg" or "hPa") readings at specific times.
- The "0" is equal to the current pressure and each bar represents how past pressure was **compared** to the current pressure.

- Read the graph from left to right. If the bars are rising, it means that the weather is getting better due to the increase of air pressure.
- If the bars go down, it means the air pressure has dropped and the weather is expected to get worse from the present time.
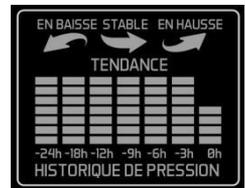
Heat Index/Dew Point

- Press the **HEAT/DEW** button once to show the Heat Index (Indice de chaleur).
- Press the **HEAT/DEW** button twice to show the Dew Point (Point de rosée).

- If user doesn't press this button, the unit will return to normal display after 10 second.
- Press and hold for 2 second to search for outdoor temperature/humidity signal.

Moon Phase

Moon phase is based on lunar calendar, and moon phase chart will display as:

NEW WAXING CRESCENT FIRST QUARTER WAXING GIBBOUS FULL WAXING GIBBOUS LAST QUARTER WANING CRESCENT

Adjust Backlight

When using AC power:
- Press the **HI-LOW-OFF** button to adjust the backlight.

When using Battery power only:
- Press the **HI-LOW-OFF** button for 10 second backlight.

View/Reset MIN/MAX Values

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

- Press the ▼ button to view minimum values**.**
- Hold the ▼ button to manually reset minimum values**.**
- Press the ▲ button to view maximum values**.**
- Hold the ▲ button to manually reset maximum values**.**
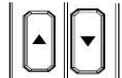
Outdoor Temperature/Humidity Trend Indicators

The temperature (1°C/2°F) and humidity (3% RH) trend indicators update every 30 minutes or less.

• Temperature has **risen** in the past 3 hours. • Humidity has **risen** in the past 3 hours.	EN HAUSSE ↗ TEND
• Temperature has **not changed** in the past 3 hours. • Humidity has **not changed** in the past 3 hours.	STABLE → TEND
• Temperature has **fallen** in the past 3 hours. • Humidity has **fallen** in the past 3 hours.	EN BAISSE ↘ TEND

Search for Outdoor Sensor

- Hold the **HEAT/DEW** button to search for the outdoor sensor.
- The strength signal icon will animate until the sensor signal is received or for 3 minutes if no signal available.

Ψ   Ψ.   Ψ..   Ψ.ıl   Ψ.ııl   Ψ.ıııl

NOTE: IF the signal is lost, the station will display the LAST DATA recorded for minutes, after that 10 mn if the signal does not come back then display dashes "--". After 30 minutes, start looking for the outdoor signal automatically.

Manual RCC Atomic Time Signal Search

- Press the **TIME SET** button to start or stop a manual signal search. The DCF Icon flashes during signal search.

DCF Atomic Icon

Low Battery Icon

Low battery icon indicates low battery for station or sensor.
- If the icon is displayed in the Outdoor Humidity section, replace batteries in the outdoor sensor.
- If the icon is displayed in the Indoor Temperature section, replace batteries in the forecast station.

Low Battery Icon

Outdoor Sensor Positioning

- Mount the Outdoor Sensor on a north-facing wall or in any well shaded area. Under an eave or deck rail is preferred.
- The maximum wireless transmission range to the forecast station is over 90 meters (300 feet) in open air, not including walls or floors.
- Be sure the outdoor sensor is mounted vertically.

Forecast Station Care & 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 the 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 correctly with regard to polarity (+and -).
- Remove batteries from equipment with is not to be used for an extended period of time.
- Remove used batteries promptly.
- Do not expose to extreme temperature, vibration or shock.
- Clean with a soft damp cloth. Do not use solvents or scouring agents.
- The product is not a toy. Keep it out of reach of children.
- The product is not to be used for medical purpose or for public information. It is intended for home use only.
- The specs of this product may change without prior notice.
- Improper use or unauthorized opening of housing voids warranty.
- If the product is not working properly, change the batteries and/or check the AC cord connection.

Specifications

Indoor	
Temperature Range:	0°C to 50°C (+32°F to +122°F)
Humidity Range:	1%-99% (RH)
Outdoor	
Temperature Range:	-40°C to 60°C(-40°F to 140°F)
Alkaline Batteries:	-29°C to 60°C (-20°F to 140°F)
Lithium Batteries:	-40°C to -29°C(-40°F to -20°F)
NOTE:	Temperatures below-29°C (-20°F) require Lithium batteries in the outdoor sensor
Humidity Range:	1%-99% (RH)
Distance:	Over 90 meters (300 ft.) RF 433MHz (open air)
Power	
Forecast Station	

Primary AC Power: AC#: HX0180500150D2E	5-volt AC power adapter (included)
Optional/Battery Backup	Optional 3-AAA, IEC, LR3 batteries (not included)
TX141TH-BV2 Outdoor Sensor:	2-AA, IEC, LR6 batteries (not included)
Battery Life	
Forecast Station Battery Backup:	Battery life is over 24 months when using the AC adapter for primary power
TX141TH-BV2 Outdoor Sensor:	Battery life is over 12 months when using reputable battery brands for both Alkaline and Lithium batteries
Dimensions	
Forecast Station:	156.5 W x 245.1 H x 23.5 D mm (6.16" W x 9.65" H x 0.925" D)
TX141TH-BV2 Outdoor Sensor:	40 L x 20 W x 130 H mm (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.

R&TTE Directive 1999/5/EC
Summary of the Declaration of Conformity :   We hereby declare that this wireless transmission device does comply with the essential requirements of R&TTE Directive 1999/5/EC.