

SIZE:644x145mm  
FRONT

**LA CROSSE®  
TECHNOLOGY**

## Color Weather Forecast Station

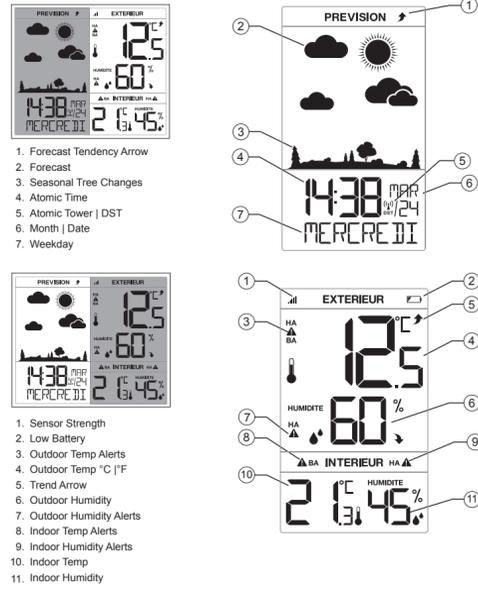


Instruction Manual  
Model: WS6822

### Contents

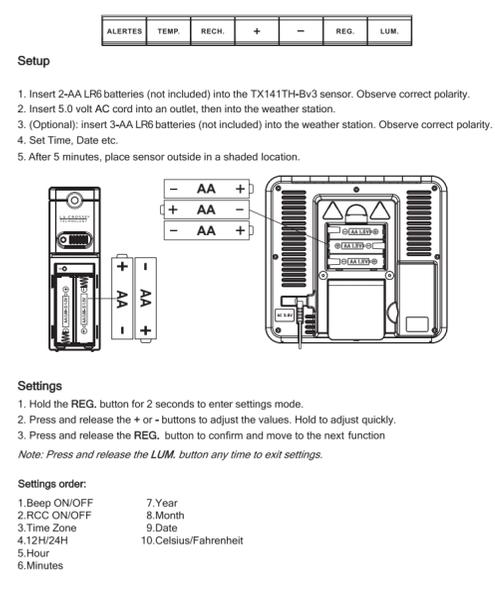
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**LCD Features**



- Forecast Tendency Arrow
- Forecast
- Seasonal Tree Changes
- Atomic Time
- Atomic Tower | DST
- Month | Date
- Weekday
- Sensor Strength
- Low Battery
- Outdoor Temp Alerts
- Outdoor Temp °C |°F
- Trend Arrow
- Outdoor Humidity
- Outdoor Humidity Alerts
- Indoor Temp Alerts
- Indoor Temp
- Indoor Humidity

**Buttons**



**Buttons:** ALERTES, TEMP, RECH, +, -, REG, LUM.

**Setup:**

- Insert 2-AA LR6 batteries (not included) into the TX1411TH-Bv3 sensor. Observe correct polarity.
- Insert 5.0 volt AC cord into an outlet, then into the weather station.
- (Optional): insert 3-AA LR6 batteries (not included) into the weather station. Observe correct polarity.
- Set Time, Date etc.
- After 5 minutes, place sensor outside in a shaded location.

**Settings:**

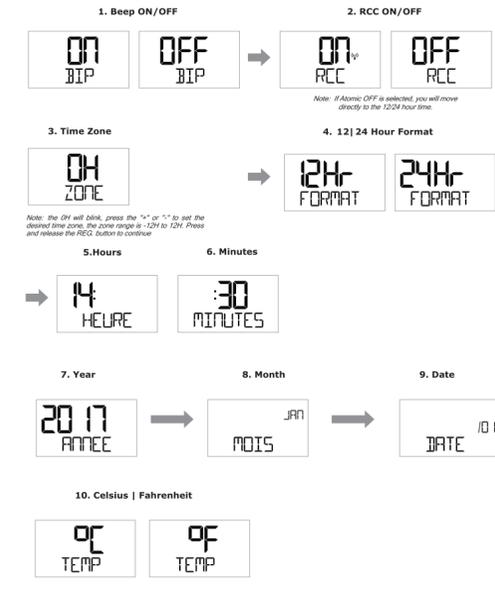
- Hold the REG. button for 2 seconds to enter settings mode.
- Press and release the + or - buttons to adjust the values. Hold to adjust quickly.
- Press and release the REG. button to confirm and move to the next function

Note: Press and release the LUM. button any time to exit settings.

**Settings order:**

- Beep ON/OFF
- RCC ON/OFF
- Time Zone
- 12H/24H
- Hour
- Minutes
7. Year
8. Month
9. Date
10. Celsius/Fahrenheit

To begin: Hold the REG. button 3 seconds, then release:



- Beep ON/OFF
- RCC ON/OFF
- Time Zone
- 12 | 24 Hour Format
- Hours
- Minutes
- Year
- Month
- Date
- Celsius | Fahrenheit

**Temperature/Humidity Alerts**

Note: First, turn ON the alert, then set the alert value. If an alert is OFF, you will skip that alert and move to the next alert.

- Hold the ALERTES button 3 seconds to enter alert set mode.
- Press and release the +/- buttons to arm the alert.
  - ON to set
  - OFF to skip
- When the alert is ON press and release the ALERTES button to move to the alert value.
- Press and release the +/- buttons to adjust alert values.
- Press and release the ALERTES

Note: Press the LUM. button at any time to exit.

**Alert Setting Order:**

- Outdoor low Temperature (BA)
- Outdoor high Temperature (HA)
- Outdoor low Humidity (BA)
- Outdoor high Humidity (HA)
- Indoor low Temperature (BA)
- Indoor high Temperature (HA)
- Indoor low Humidity (BA)
- Indoor high Humidity (HA)

**Alert Sounds**

- When alert value is reached, the station will beep for 5 seconds (1 beep per second) each minute until out of alert range.
- To silence alarm press any button

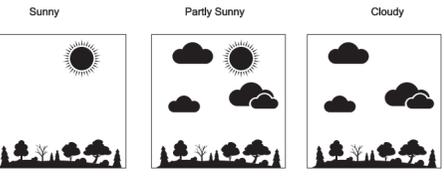
**HIGH/LOW Temperatures (HA/BA) recordings**

Press and release the TEMP. button to view:

- Press once to view high indoor and outdoor temperature/humidity (HA)
- Press again to view low indoor and outdoor temperature/humidity (BA)
- Press again to view outdoor Heat Index (Chaleur)
- Press again to view outdoor Dew Point (Point de rosée)

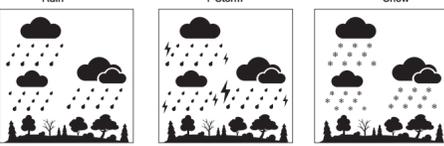
**BACK**

Note: HI/LO records reset automatically at midnight.



**Forecast**

- The weather station offers 6 forecast icons based on barometric pressure.
- The SNOW icon will only appear if the outdoor temperature is below 0°C and the forecast would be rainy or stormy.



**Intelligent Weather Forecast:**

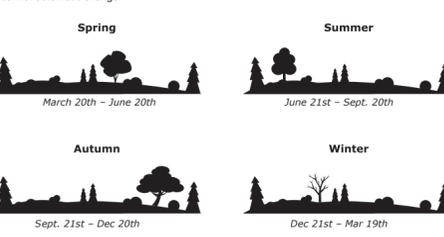
This station learns. Please allow 7 days for barometric calibration. Six forecast icons use changing atmospheric pressure to predict weather conditions for the next 12-hours with 70-75% accuracy.

**Forecast Tendency Arrows**

- Up Arrow: Pressure is rising. Weather is expected to improve.
- Down Arrow: Pressure is falling. Weather is expected to worsen.

**Seasonal Trees**

The trees and foliage color will change seasonally. The dates are programmed into the weather station for automatic change.



**Temperature | Humidity Trend Arrows**

The temperature (1°C/2°F) and humidity (3%) trend indicators update every 15 minutes. The trend reflects changes over the past 1 hour. E.g.:At 13:00 - compare to 12:00 data; at 13:15 - compare to 12:15; at 13:30 - compare to 12:30 ... etc

Up Arrow: Risen in past hour  
Down Arrow: Fallen in past hour

**Sensor Search**

- Hold the RECH. button for 3 seconds to search for the outdoor temperature/humidity sensor.
- The strength signal icon will animate until the sensor signal is received, or for 3 minutes if no signal available.



**Low Battery**

by Outdoor Temperature, replace batteries in the sensor.  
by Indoor Temperature, replace batteries in the weather station.

**Backlight (HI-LOW-OFF)**

- When operating with the power cable, the backlight is adjustable: HI-LOW-OFF.
- Press and release the LUM. button to adjust backlight.
- When operating on batteries only, the backlight will come on briefly when the LUM. button is pressed.

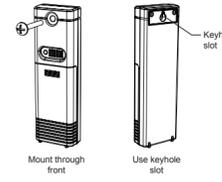
**Atomic Time**

- The station will search for the atomic time signal at 1:00, 2:00, 3:00, 4:00, and 5:00.
- The atomic time signal icon will flash while searching. The tower icon will be solid when it has connected.
- After reception, this station will only search for the atomic signal after midnight.
- From normal time display, press and release the RECH. button to search for the DCF time signal.
- Please be sure you have selected your time zone from the list in the Settings menu. When the Atomic time signal is received, the station will set to the time zone selected..

Note : To ensure good signal reception, we invite you to place the base away from the AC adapter by extending the wire of the adapter, as this can disrupt the signal reception.

**Mount Temperature/Humidity Sensor**

- Insert the mounting screw through the front of the sensor and into the wall or use key-hole slot.
- Tighten the screw to snug if mounting through the front. Do not over tighten.
- Mount the sensor on a north-facing wall or in any well shaded location. Sun will make it read high.
- Under an eave or deck rail is preferred.
- Be sure the outdoor sensor is mounted vertically to drain moisture.
- The maximum wireless transmission range is 100 meters (over 330 feet) in open air, not including walls or floors.



**Position Weather Station**

- Choose a location 2 meters or more from electronics such as cordless phones, gaming systems, televisions, microwaves, routers etc.
- Place within range of the outdoor sensor (100m/330 feet open air).

**Specifications**

Indoor	
Temperature Range	0°C to 37°C (32°F to 99°F)
Humidity Range	10% - 99% (RH)
Outdoor	
Temperature Range	-40°C to 60°C (-40°F to 140°F)
Humidity Range	10% - 99% (RH)
Distance	100 meters (Over 330 ft.) RF 433MHz (open air)
Alkaline Batteries	-29°C to 60°C (-20°F to 140°F) Note: Temperatures below -29°C (-20°F) require Lithium batteries in the outdoor sensor
Power	
Power Cable	5.0 volt AC power adapter
AC Adapter No.	HX0180500150A2E
Optional Battery Backup	3-AA, IEC, LR6 batteries (not included)
Outdoor sensor	2-AA, IEC, LR6, batteries (not included)

Battery Life	
Forecast Station Battery Backup Power	Battery life is over 24 months when using the AC adapter for primary power
Outdoor sensor	Battery life is over 24 months when using reputable battery brands
Dimensions	
Forecast Station	17.5cm W x 16.2cm T x 3.4cm D (6.88" W x 6.37" T x 1.33" D )
Outdoor sensor	4.0cm W x 13.0cm T x 2.0cm D (1.57" W x 5.12" T x 0.79" D )

**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. 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 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.
- 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.

**ABOUT THE AC / DC SECTOR ADAPTER:**

Do not use the device:

- if the power supply or the power cable is damaged,
- in the event of a malfunction.
- if the device has been damaged in any way.

Never use sharp objects to access the inside of the power supply. Do not disassemble the power supply, do not throw it into a fire. Do not attempt to disassemble or modify this product or any of its components. Do not expose the food to high temperatures or direct sunlight. Do not incinerate it. Do not install the power supply near any heat source, such as a radiator, hot air supply, oven, or other apparatus (including amplifiers) that produce heat. Do not store this product in a place where the temperature exceeds the following range: - 10 to 70 °C. Do not use this product in a location where the temperature exceeds the following range: 0 to 40 °C, as this may damage it or shorten its life. Do not place the power supply near water or a source of moisture, such as a bathtub, sink, kitchen sink, swimming pool, in a wet basement or other damp location. The device must not be exposed to splashes. Do not place objects filled with water, such as vases for example, near the appliance. Connect the power supply to an easily accessible DC outlet. Ensure that the power cord cannot be crushed or pinched, particularly at plugs, convenience receptacles, and the point where they are connected to the apparatus. The supplied power supply is intended for indoor use only. Do not place naked flame sources (such as a lighted candle) on or near the power supply. Unplug this power supply during lightning storms or during long periods of non-use to avoid damage. Turn off your device before disconnecting the power cable. This device is not intended to be used by people (including children) whose physical, sensory or mental capacities are reduced, or people without experience or knowledge, unless they could benefit, by the " through a person responsible for their safety, supervision or prior instructions concerning the use of the device. Children should be supervised to make sure that they do not play with the device. If the power supply works abnormally, and especially if it emits sounds or odors that you think are abnormal, unplug it immediately and have it examined by a qualified repairer.

The socket-outlet must be installed near the equipment and must be easily accessible.



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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