LA CROSSE® TECHNOLOGY

Model: WS6821A

Quick Setup Guide

WIRELESS COLOR FORECAST STATION

FRONT VIEW

Forecast icons:
Sunny
Partly Sunny
Cloudy
Rainy
Stormy
(All icons are shown in this illustration)

Time, Alarm Time

Calendar + Weekday

Outdoor readings:
Temperature
Humidity
Heat Index
Dew Point
MIN/MAX
Channel Indicator

Indoor readings:
Temperature
Humidity
Heat Index
Dew Point
MIN/MAX

Heat Index

Dew point

Note: The forecast station is sold with TX141TH-BCHv3 sensor
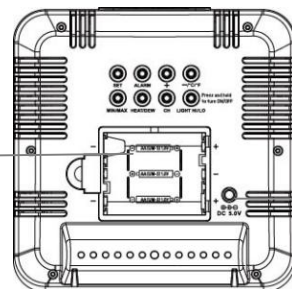
BUTTONS

SET   ALARM   +   —/°C/°F

MIN/MAX   HEAT/DEW   CH   LIGHT HI/LO   HOLD ON/OFF

SENSOR :TX141TH-BCHv3

LA CROSSE® TECHNOLOGY
REMOTE SENSOR
TEMPERATURE / HUMIDITY

LED

TX

Sensor Battery Compartment 2 "AA"
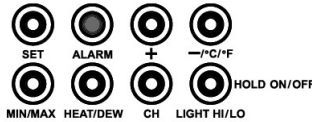
SNOOZE/LIGHT
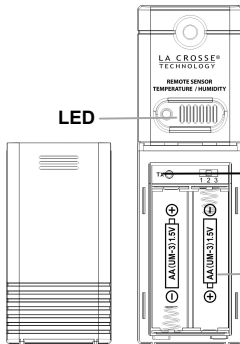
BACK VIEW

Battery Compartment 3 "AA"

AC 5.0V HX075-0500600-AG-001

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GET STARTED

Step 1: Insert the included 5-volt AC power adapter into forecast station

and then into wall outlet.

Step 2: Insert 3 *new* AA batteries (not included) into the forecast station. Observe the correct polarity.

Step 3: Insert 2 *new* AA batteries (not included) into the outdoor sensor.

Observe the correct polarity. The red LED will flash when

transmitting.

Restart: If the outdoor temperature is not displayed after 3 minutes, remove batteries from the station & sensor and press a button 20 times. After 15 minutes, return to **Step 1** above.

SET TIME, DATE AND OTHER FEATURES

Hold the SET button to enter time set mode.

1. Press the + or -/℃/℉ buttons to adjust values.

2. Press the SET button to confirm adjustments and move to the next item.

3. Press and release the UP or DOWN button to select the desired weekday language: FR (French), GE (German), IT (Italian), NE (Dutch), ES (Spanish), DA (Danish), and EN (English). Press and release the SET button to continue.

Time set order :

1, Beep ON/OFF 2, Weekday language, default French 3, 12/24-Hour
4, Hour 5, Minutes 6, Year 7, Month 8, Date

Press the SNOOZE/LIIGHT/ button at any time to exit or wait 20 seconds without pressing buttons to return to the normal time display.

Note: When in setting mode of any feature, all the rest of the information of the LCD would disappear, only concentrate in the setting of the feature.

FAHRENHEIT/CELSIUS

Press the **-/ºC/ºF** button to select Fahrenheit or Celsius temperature display.

SET TIME ALARM

1. Hold the **ALARM** button to enter alarm time set mode.

2. To adjust ALARM TIME press the + or **-/ºC/ºF** buttons**.**

3. Press the **ALARM** button to confirm adjustments and move to the next item.

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

ACTIVATE/DEACTIVATE TIME ALARM

-   Press the **ALARM** button once to view alarm time.

-   Press the **ALARM** button again to activate the alarm. Once activated the bell icon appears.

-   Press the **ALARM** button again to deactivate the alarm. The bell icon will disappear.

Alarm

Bell Icon

SNOOZE (SILENCES ALARM TEMPORARILY)

-   When alarm sounds, press the **LIGHT/SNOOZE** button to silence the alarm for 10 minutes.

-   The alarm icon will flash.

-   In snooze mode, press any button to stop alarm for one day.

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

ADJUST BACKLIGHT

When using A/C power:

- Press the **LIGHT HI/LO** button to adjust the backlight brightness.

- Hold the **HOLD ON/OFF** button and the backlight will turn off completely. Hold again to turn on the backlight.

When using Battery power only:

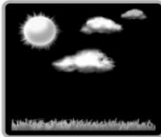- Press the **LIGHT HI/LO** button for 8 second backlight.
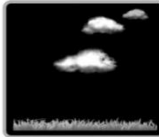
LIGHT HI/LO

FORECAST ICONS

The forecast station uses changing atmospheric pressure to predict weather conditions for the next 12-hours with 70-75% accuracy.
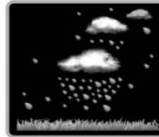

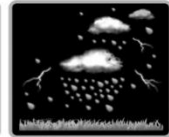SUNNY   PARTLY CLOUDY   CLOUDY   RAINY   STORMY

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.

HEAT INDEX/DEW POINT

- Press the **HEAT/DEW** button once to view Heat Index.

- Press the **HEAT/DEW** button twice to view Dew Point.

VIEW/RESET MIN/MAX VALUES

The station automatically resets minimum and maximum values daily at midnight(0:00).

MIN/MAX   HEAT/DEW

- Press the **MIN/MAX** button to view maximum values**.**

- Hold the **MIN/MAX** button to reset maximum values**.**

- Press the **MIN/MAX** button to view minimum values**.**

- Hold the **MIN/MAX** button to reset minimum values**.**

CHANNEL SCROLL-AUTO

The word AUTO will appear in the outdoor temperature/humidity area when multiple sensors are received and the forecast station is set to scroll through the channels automatically.

- Press the **CH** button repeatedly until AUTO is displayed. The forecast station will rotate through all available channels.

- Press the **CH** button once to display only one channel continually.

Note: When only one sensor is connected, you may not see other channels.

The forecast station can receive up to 3 outdoor sensors: TX141TH-BCHv3

- Select a separate channel on each outdoor sensor.

- Install batteries in all the sensors.

- Hold the **CH** button for 5 seconds and the forecast station will search for all outdoor sensors.

- Press the TX button once on each sensor to send a signal.

POSITION OUTDOOR SENSOR

- 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 transmitting range to the forecast station is over 90 meters (300 feet) in open air, not including walls.

POSITION THE FORECAST STATION

The forecast station has a wide base to sit on a desk or table.

- 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.

- The maximum transmitting range in open air is 90 meters (300 feet). Obstacles such as walls, windows, stucco, concrete and large metal objects can reduce the range.

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)
Alkaline Batteries:	-28.8°C to 60°C (-20°F to 140°F)
Lithium Batteries:	-40°C to 60°C(-40°F to 140°F)
NOTE:	Temperatures below -28.8°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) Maximum radio-frequency power : 7 dbm
Interval:	About every 50 seconds
Power:	
Forecast Station	

Primary Power: HX075-0500600-AG-001	5-volt AC power adapter (included)
Optional/Battery Backup	Optional 3-AA, IEC, LR6 batteries (not included)
TX141TH-BCHv3 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-BCHv3 Sensor:	Battery life is over 12 months when using reputable battery brands for both Alkaline and Lithium batteries
Dimensions:	
Forecast Station:	150 x 60 x 150mm (5.9" L x 2.36" W x 5.9" H)
TX141TH-BCHv3 Sensor:	40 x 20 x 130mm (1.57" x 0.79" x 5.12")

LOW BATTERY ICON

Low battery icon indicates low battery for station or sensor.

Low Battery

Icon

- If the icon is displayed in Outdoor Temperature section,

  replace batteries in the outdoor sensor.

- If the icon is displayed in Indoor Temperature section,

  replace batteries in the Forecast Station.

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.

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 AC 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.

Directive RED 2014/53/EU

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

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