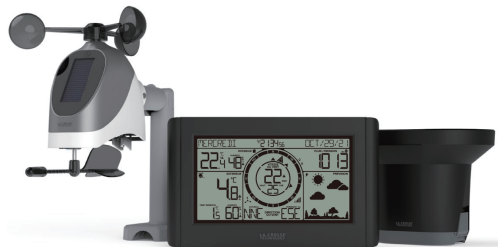


SIZE : 480*145mm

LA CROSSE®
TECHNOLOGY

WIRELESS PROFESSIONAL WEATHER STATION

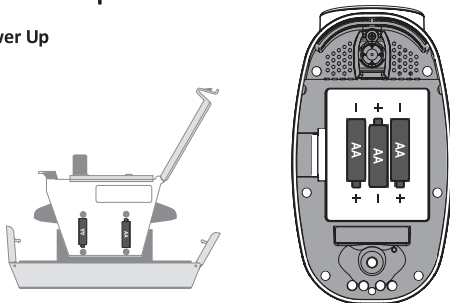


SET UP GUIDE

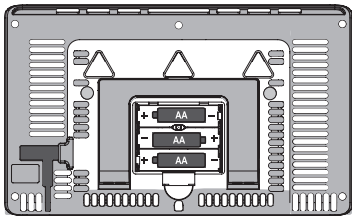
MODEL : WS1652

Initial Setup

Power Up

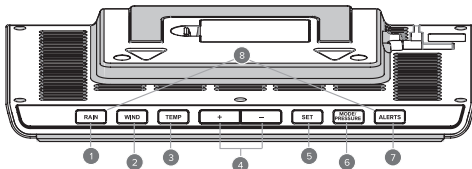


1. Remove the Rain Sensor funnel and insert 2 "AA" batteries into the Battery Compartment.
2. Install 3 "AA" batteries into the Battery Compartment of your Wind Sensor.



3. Insert 3 "AA" batteries into the Battery Compartment of your Weather Station

Buttons



1. PLUIE

Hold to search for Rain Sensor.
Press to view Rain History (24 hour, 1 hour, 7 day, Current Month, Current Year, Total) or Pressure reading. Station can auto scroll through all readings or stay on selection.

2. VENT

Hold MINUS button 5 seconds to reset individual rain readings.

3. TEMP.

Press to view Temperature and Humidity History. While viewing, hold MINUS button to delete the history reading. Hold to search for TH sensor (option). Hold to enter Settings Menu. Press to save settings and move to the next menu item.

4. PLUS/MINUS (+/-)

Use to adjust values in the Settings Menu.

5. REG.

Hold to enter Settings Menu. Press to save settings and move to the next menu item.

6. MODE/PRESSION

Press to toggle between Pressure, Rain, and autoscroll. Hold to set Pressure Value and Units.

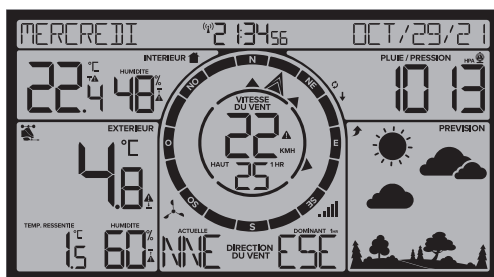
7. ALERTES

Hold to enter ALERTES Settings.

8. PLUIE & ALERTES

Hold together to Factory Reset your station. All history will be lost.

LCD Display Icons



Atomic Time



Low Battery



Pressure



Wind Sensor
Temp/Humidity



Trend Arrows



Alerts



Sensor Reception



Prevailing Direction



Autoscroll

Settings Menu Order

- Greeting HELLO / BONJOUR
- Language (French & English)
- Beep ON/OFF
- DCF ON/OFF
- Time Zone: -12Hr +12Hr
- 12HR/24HR Format
- Hour
- Minute
- Year
- Month
- Date
- Month/Date or Date/Month
- Celsius / Fahrenheit
- Wind Speed KMH or MPH
- Wind Direction Letters or Degrees
- Rainfall Millimeters or Inches
- MERC (THANK YOU)

Weekday will set automatically after year, month, & date settings are adjusted.

Atomic Time

- Note: All buttons will function during atomic time search.
- Automatically receive Hours: Daily 1:00,2:00,3:00,4:00,5:00 RCC automatically receive, at any time once received 3:00,4:00,5:00 no longer receive the same day.
- Turn on RCC reception as soon as the RF reception is completed or after 3 mins.
- From normal time display, press and release the REG. button to manually search for the DCF time signal.
- The entire Atomic icon will flash when searching. No signal strength indication.

Set Pressure

Pressure:

- Relative Pressure reading will come from the sensor inside the station.
- Pressure can rotate with Rain readings.
Set Pressure:
 - Hold the MODE/PRESSION button for 2 seconds. PRESSURE will show, HPA will flash. Press the + or - button to select INHG.
 - Press the MODE/PRESSION button to confirm and move to Pressure Value. The Pressure Number will flash. Press the + or - button to adjust to your local reading. Hold the + or - buttons to adjust quickly.
 - Press MODE/PRESSION to confirm and exit.
 - View Pressure or 24 hour rainfall:
 - Press the MODE/PRESSURE button to toggle Pressure and 24 hour rainfall or Cycle between the two readings.

Rainfall Readings

- Press and release the PLUIE button to view different rain readings.
- When viewing MONTH, use PLUS button to toggle through the current month and past 11 months rainfall.
Note: All other readings will disappear for 5 seconds. Rainfall readings will stay on user selection.
 - 1 HOUR: Last one hour rain fall (12 consecutive 5 minutes rainfall accumulated total). Example: current time is 6:49, 1HR rain is accumulated total between 5:50 and 6:49.
 - 24 HOURS: Based on past 24 hours accumulated rain total. At each full hour, 1HR is recorded. This is a running total.
 - 1 DAY: Accumulated last 7 consecutive 24HR rain. At each day 0:00, 24HR rain is recorded. Not a subject to the calendar. Be sure time is set.
 - 1 MONTH: Defined by Calendar Month i.e. January 1 - January 31
Example: January 1-January 31. At the first month calendar day 0:00, month rain is reset to 0. Accumulated rain from 1st of xx (month) to current day xx (month). Current month will show in date area.
 - 1 YEAR: Current month plus past 11 months total.
Example: current is date is Nov.10, 2021. Year rain is Jan 1, 2021 - Oct 31 2021 month totals, plus the current month (Nov 1-10) rain. Current Year will show in time display.
- TOTAL: Total rainfall since powered on or reset.
Note: As time passes without rain, the One hour, 24 hour, and 7 day rain totals will count down to zero. Example: Station recorded 4.0mm of rain between noon and 13:00 on the previous day.
 - It continued to rain until the 24 hour rain reading from 11:00 today, back to noon the previous day was 12.0mm.
 - Then the 24 hour reading from noon today, back to 13:00 the previous day shows 8mm. The 4mm of rain from noon-13:00 on the previous day has

dropped off the 24 hour total.

Reset Rainfall Readings (each resets individually):

- Press the PLUIE button to view individual rain readings.
- Hold the MINUS button for five seconds to reset the individual value.
- Rainfall reading will reset to 0.00

Wind Speed Readings

- Wind Speed: 31 second highest wind speed. Samples every 3 seconds
- Top (1 HR): Top Wind Speed in the past 60 minute period, from last record (10 minutes a time stamp, total 6 records) (default record no time stamp).

Wind Records

- Press and release the VENT button to view the maximum Wind Records values (Top Speed).
- When viewing MONTH, use PLUS button to toggle through the current month and past 11 months top speed.
- Note: All other readings will disappear for 5 seconds.
- 24-hour: Past 24 hour period, from last record Top speed in past 24 hours with time/date stamp
- 7 Days: Past 7-day period, from last record Top speed in past 7 days with time/date stamp
- Month: Top speed for month period with time/date stamp
Current Month: First day to current day.
Previous 11 months. Defined by Calendar Month i.e. January1 - January 31
- Year: Current Year. Defined by Calendar Year i.e. January 1 - December 31
Top speed for the year with time/date stamp.

Reset Wind Speed Records:

- Press the VENT button to view individual wind speed readings.
- Hold the MINUS button for five seconds to reset the individual value.
- Wind speed reading will reset to current wind speed, time and date.

Wind Cup Animation

- Wind Cup Animation: If the wind speed is equal to 0, no animation. The wind cups icon should be animated. The icons will move in different speeds according to the actual speed reading (high wind speed, icon rotation is faster).
- Wind cup animation speed changed to:
- 1 loop per 2 seconds for speed below 8 kmh
 - 1 loop per 1 second for speed above 8 kmh

Feels Like Temperature

- Feels Like temperature is a combination of outdoor temperature/humidity and wind speed.
- When outdoor temp is higher than 26.7°C (80F), display heat index
 - When outdoor temp is lower than 10.0°C (50F), display wind chill

- When outside of the above range will display current outdoor temp

Add a Separate TH Sensor (option)

The new Wind Speed, Wind Direction Sensor with Temperature /Humidity may cause inaccurate temperature readings in some locations. Because of this, we would like to be able to remove the TH sensor reading from the station only, so the customer has the option of adding an additional TH sensor to read in the OUTDOOR area of the display.

•From normal time display: Press the MINUS button - Outdoor Temp/Humidity will flash.

•Hold the MINUS button 5 seconds to delete Temp Humidity reading only (From WIND/TH or TX141TH-Bv3 sensor). Station will search for Temp Humidity reading (from any sensor).

Hold the TEMP. button to search for TH reading (from any sensor) as well.

•Press TX button on the add-on sensor to force a signal.

However, please take note that if the Display could not receive signal from TX141TH-Bv3 in the 3 mins, the Display will accept the Wind/TH sensor as the Outdoor sensor instead. With such, in case the user decides to switch back from TX141TH-Bv3 to Wind/TH, there is still a way.

Note: The Outdoor Sensor icon will only show when the Outdoor temperature/humidity reading is coming from the add-on TH sensor. Only 1 TH reading can show.

DELETE TH SENSOR: When TH reading is deleted, the source icon (Wind/TH or TH) will also disappear. The station should search for a TH signal from any source. Currently you can delete the TH from the Wind/TH sensor and add a separate TH sensor. However, when you delete the add-on TH sensor the sensor icon remains, and the station will not pick up the TH reading from the Wind/TH sensor again. A factory restart is required.

Alerts

Note: ALERT ICONS are different:

HI ALERT  LO ALERT 

Important:

- Alerts are defaulted to be OFF.
- When alert is ON, the alert value flashes to be set. No additional button press required.
- Leave an alert OFF (disarmed) press the ALERTES button to skip setting that alert value.
- The HI or LO alert icon will show when the alert is active.
- When armed alert value is reached, station will beep 5 times each minute, until out of alert range. The flashing alert icon will indicate it is a LO or HI alert.

- Press any button to stop the temp alert sound. The alert icon will flash while value is in alert range.
- Hold the ALERTES button 2 seconds to enter Alert Settings. (ALERTE OFF and Alert Type will show for selected area).
- Press and release the + or - button to turn alert ON.
- When the alert is ON, the alert value is flashing. Use the + or - buttons to set.
- Hold the + or - buttons to scroll quickly.
- Press and release ALERTES button to move to next item.
- Leave an alert OFF (disarmed) and press the ALERTES button to skip setting that alert value.
- The alert icon will show when the alert is active.
- When armed alert value is reached, station will beep 5 times each minute, until out of alert range. (1 second beep once, sound for 5 seconds, wait 55 seconds and then repeat began to ring for 5 seconds.)
- The flashing Alert Icon will indicate if it is a LO or HI alert.
- Press any button to stop the temp alert sound. The alert icon will flash while value is in alert range.

Temp/Humidity HI/LO Records

From normal display, press and release the TEMP. button to view indoor and outdoor HI | LO temperature/humidity records and Feels Like and Dew Point.

- Viewing order:
- Outdoor HI Temp with Time/Date
 - Outdoor LO Temp with Time/Date
 - Outdoor HI Humidity with Time/Date
 - Outdoor LO Humidity with Time/Date

- Indoor HI Temp with Time/Date
- Indoor LO Temp with Time/Date
- Indoor HI Humidity with Time/Date
- Indoor LO Humidity with Time/Date

- Feels Like HI with time and date stamp
- Feels Like LO with time and date stamp
- Outdoor Dew Point

Reset HI | LO Readings including Feels Like Temperature (each will reset individually):

- Press the TEMP. button to view individual readings.
- Hold the MINUS button for five seconds to reset the individual value.
- HI | LO reading will reset to current temperature, humidity, and current time/date.

Weather Forecast

12 Hour Forecast - Default Mode
6 Forecast icons:
Sunny, Partly Sunny, Clouds, Rain, T-Storms, Snow (remote temperature below 32F Rain to T-Storm forecast)



Please Note: The Trend arrow in the forecast setting represent change in pressure over the last 3 hours. Arrows will update every 15 minutes, looking back 3 hours.

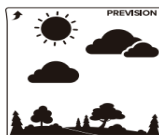
Trend Arrows

The Trend Arrows represent the change in pressure over the past 3 hours.

Pressure is rising Pressure is steady Pressure is falling

DAY/NIGHT FORECAST

From 7am to 7pm the forecast will show a Sun Icon when the forecast is Sunny or Partly Sunny.



From 7pm to 7am the forecast will show a Moon Icon when the forecast is Sunny or Partly Sunny.



Please Note: The Moon Icon does not change to provide Moon Phase. The Moon Icon indicates nighttime only.

Seasonal changes in the Trees

The tree foliage will change twice per year. The dates are programmed into the weather station for automatic change.

Summer: April 1 - October 31

Winter: November 1-March 31



LOW BATTERY INDICATOR

- By Wind, replace batteries in the Wind sensor.
- By Time, replace batteries in the Station.
- By Rain, replace batteries in the Rain sensor.
- By Outdoor Temperature, replace batteries in the Add-On TH sensor.

Factory Restart

- Hold the PLUIE and ALERTES buttons together for several seconds to reset the station.
- All records will be lost

WARNING: CHOKING HAZARD-SMALL PARTS

Not for children under 3 years old.

SPECIFICATIONS

STATION (WS1652)

- Indoor Temp. Range: 0°C to 50°C (32°F to 122°F)
- Indoor Humidity Range: 10 to 99%RH
- Relative Pressure Range: 800 TO 1100 HPA (23.62 TO 32.48INHG)
- Power Requirements:
- Primary Power: 3 "AA" batteries (sold separately)
- Station Dimensions: 22.8cm L x 2.6 cm W x 13.8cm H
- Language Options: English and French
(Translation Available for Menus & Calendar)

RAIN SENSOR (TX145R)

- Rainfall Range: 0-9999mm (0-393.6 in)
- Transmission Range: 100 meters (330 feet)
- Power Requirements: 2 "AA" batteries (sold separately)
- Update Interval: Every 45 Seconds
- Sensor Dimensions: 18.2 cm L x 12.0 cm W x 13.3 cm H

WIND SENSOR (TX145WSDTHv3)

- Wind Speed Range: 0 to 111 mph (0 to 178 kmh)
- Degrees of Wind Direction: 360° with 16 Cardinal Directions
- Outdoor Temp. Range: -40°C to 60°C (-40°F to 140°F)
- Outdoor Humidity Range: 10 to 99%RH
- Transmission Range: 100 meters (330 feet)
- Power Requirements: 3 "AA" batteries (sold separately)
- Update Interval: Every 31 Seconds
- Sensor Dimensions:
- With Bracket:34cm L x 19.8cm W x 24.6cm H
- Without Bracket:23.8cm L x 19.9cm W x 17.7cm H

CARE + MAINTENANCE

- Do not mix old and new batteries.
- Do not mix Alkaline, Lithium, standard, or rechargeable batteries.
- Always purchase the correct size and grade of battery most suitable for use.
- Clean the battery contacts and also those of the device prior to battery installation.
- Ensure the batteries have with correct polarity (+ / -).
- Remove batteries from equipment that will not to be used for an extended period.
- Promptly remove expired batteries.

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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