LA CROSSE® TECHNOLOGY

WI-FI PROFESSIONAL
WEATHER STATION
WITH ☀ AccuWeather FORECAST
QUICK START GUIDE

MODEL: C83100v3
DC: 110121

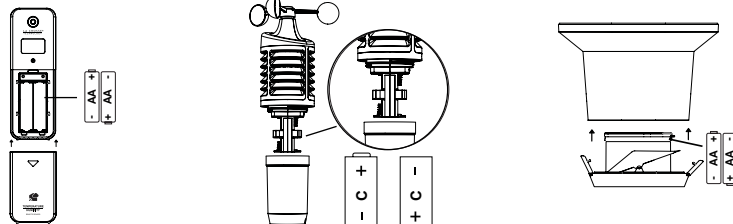Find your full manual and product information here: bit.ly/laxtech_support

---

STEP 1:
POWER UP SENSORS AND STATIONS

SENSORS
In any order, insert batteries into your Thermo-Hygro, Wind, and Rain Sensors.
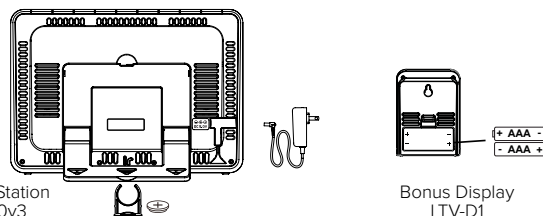
Thermo-Hygro Sensor
LTV-TH2

Wind Sensor
LTV-W2

Rain Sensor
LTV-R3

STATIONS
• Insert the power cord into an outlet, then into your weather station.
• Remove the battery insulation tab installed on the bottom of the station.
• Insert 2 "AAA" batteries into the Bonus Display.

Weather Station
C83100v3

Bonus Display
LTV-D1

Note: It may take up to 10 minutes for your sensor data to appear on your stations' screen.

STEP 2:
CONNECT TO THE LA CROSSE VIEW™ APP

La Crosse View™

DOWNLOAD
Visit the App Store or Google Play Store to download the free La Crosse View™ app onto your mobile device.

LAUNCH & FOLLOW
Open the La Crosse View™ app and follow the on-screen instructions.

CONNECT TO YOUR WI-FI NETWORK
1. The La Crosse View App is required to connect your station to the Wi-Fi Network. Download the app first.
2. The app will provide detailed instructions and inform you which buttons to press while connecting your station to the Wi-Fi Network.

INITIAL SETUP OF NEW STATION If this is a new station and not yet added to your account, tap ADD DEVICE in the app and follow the instructions to add your staion to the app and connect to Wi-Fi.

RECONNECTING TO WI-FI: If the station is already in your account and you want to recoonect to Wi-Fi, tap CONNECT WIFI in the app and follow the instruction on your mobile device to connect to Wi-Fi.

3. When connected the Wi-Fi Indicator 🛜 will become solid on your station.

For more troubleshooting tips and support visit:
www.lacrossetechnology.com/lacrosseviewsupport

Benefits of Connecting to La Crosse View™

Feature	Standalone	Connected
Wind Speed	✓	✓
Wind Direction		✓
Rainfall Data	✓	✓
Indoor & Outdoor Temperature	✓	✓
"Feels Like" Temperature	✓	✓
Indoor & Outdoor Humidity	✓	✓
12-Hour Forecast	✓	✓
Barometric Pressure	✓	✓
Internet Time & Calendar		✓
Advanced Forecast Icons		✓
Daily Forecast Hls & LOs		✓
% Chance of Precipitation		✓
Ability to Add Sensors	✓	✓
Data Stream Technology		✓

STEP 3:
MOUNT YOUR SENSORS

THERMO-HYGRO
Keep out of direct sunlight & ensure the sensor is well ventilated. We recommend mounting under a deck or eave facing north.

WIND
Ensure the sensor is mounted vertically, an unobstructed rooftop is ideal. Your Wind Sensor should be the tallest object in the area to avoid reduced wind speed values.

RAIN
Mount in an open area 3-6 feet off the ground on a level platform. Check the sensor often to remove leaves or other debris that could cause low rainfall readings.

BUTTONS & FUNCTIONS

Buttons located on top of Color Weather Station

RAIN	WIND	TEMP	+	SET	–	EXTRA SENSOR	SENSOR	LIGHT

Buttons located on side of Color Weather Station

DAILY	HOURLY

SET	Hold for basic setting. Press to view Wi-Fi status.
TEMP, WIND, RAIN	Press to view history.
LIGHT	Press to adjust brightness. Hold to set Auto Dim.
+ or –	Use + or – to adjust values in settings.
+ & –	Hold both buttons to search for Wi-Fi.
SENSOR	Press to view sensor ID numbers, then hold PLUS (+) to search, or hold MINUS (–) to remove.
DAILY, HOURLY	Press to see forecast. Must be connected to Wi-Fi.
RAIN & LIGHT	Hold both buttons to reset all sensor ID's and Wi-Fi settings.
EXTRA SENSOR	Press to toggle through "extra sensor" & Barometric Pressure. Hold to add Sensors.

ACCUWEATHER FORECASTS

Other benefits of connecting your station to the La Crosse View™ app include Daily and Hourly Forecasts from AccuWeather. These will display changes in your station's Weather Icons, HI/LO Temps, Wind Direction, and Chance of Precipitation values.

DAILY FORECAST
Press the DAILY button to view predictions for each of the next 7 days of weather data.

HOURLY FORECAST
Press the HOURLY button to view predictions for each of the next 12 hours of forecast data.

Note: These buttons will not provide a function if your station is not connected to the La Crosse View app.

STATION ICONS

Wi-Fi Indicator: Will flash when your station is ready to connect to the Internet, and be solid on screen when connected.

Internet Indicators: Will display in areas to indicate data coming from the Internet.

Low Battery Indicators: Individual station/sensor indicators will let you know which batteries to replace.

Sensor Reception Indicators: Indicate the reception strength between your sensors and station.

WE'RE HERE TO HELP!

If you require additional support, call our friendly customer support representatives based out of our office in La Crosse, Wisconsin. (2830 26th ST S.)

Phone: 1.844.200.8752 Online: bit.ly/contact_techsupport

Our knowledgeable customer support team is available: Monday-Friday, 8am-6pm CST.

JOIN THE CONVERSATION

Ask questions, watch detailed setup videos, and provide feedback on our social media outlets!

WARRANTY INFO

La Crosse Technology, Ltd. provides a 1-year limited time warranty (from date of purchase) on this product relating to manufacturing defects in materials & workmanship. Before returning this product, please contact our friendly customer support team with questions or visit our online support site. Phone: 1.844.200.8752

For Full Warranty Details, Visit:
www.lacrossetechnology.com/support

STATION & SENSOR SPECS

	C83100v3	LTV-D1
Indoor Temperature Range	32°F to 99°F (0°C to 37°C)	32°F to 122°F (0°C to 50°C)
Indoor Humidity Range	10% to 99%RH	10% to 99%RH
Relative Pressure Range	23.62 to 32.48 InHg (800 to 1100 hPa)	n/a
Power Requirements	5.0V AC Adapter (included) 1 CR2032 Battery (included)	2 "AAA" Batteries (not included)

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

THERMO-HYGRO (LTV-TH2)
• Outdoor Temperature Range: -40°F to 140°F (-40°C to 60°C)
• Outdoor Humidity Range: 10% to 99%RH
• Power Requirements: 2 "AA" Batteries (not included)
WIND (LTV-W1 or LTV-W2)
• Wind Speed Range: 0 to 111 MPH (0 to 178 KMH)
• Power Requirements: 2 "C" Batteries (not included)
RAIN (LTV-R3)
• Rainfall Range: 0-393.6 inches (0-9999 mm)
• Power Requirements: 2 "AA" Batteries (not included)
Sensor Transmission Range: 400 Feet (121.92 Meters) open air

WI-FI NETWORK REQUIREMENTS
• Broadcast Frequency: 2.4GHz (802.11 b/g/n)
• Network Name/Password: Must Not Exceed 45 Characters
• Network Speed: Must Be Greater than 1 Mbps
Note: If you have a multiple band router, be sure your mobile device is connected to the 2.4 GHz frequency when connecting your station to the app.

MOBILE REQUIREMENTS
Apple phones require iOS with Wi-Fi service.
Android phones require Android OS with Wi-Fi service

LA CROSSE TECHNOLOGY™ PATENTS
Visit www.lacrossetechnology.com/patents for patent information.

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 intended 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.

FCC STATEMENT
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement
This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Caution!
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

All rights reserved. This manual may not be reproduced in any form, even in part, or duplicated or processed using electronic, mechanical or chemical process without the written permission of the publisher. This booklet may contain errors or misprints. The information it contains is regularly checked and corrections are included in subsequent editions. We disclaim any responsibility for any technical error or printing error, or their consequences. All trademarks and patents are recognized.

Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.
Google Play and the Google Play logo are trademarks of Google Inc.

⚠ **WARNING:** This product can expose you to chemicals including styrene, which is known to the State of California to cause cancer. For more information go to: www.P65Warnings.ca.gov