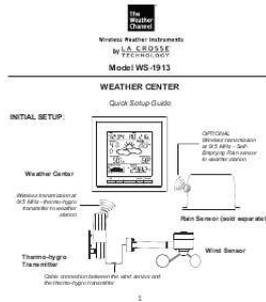




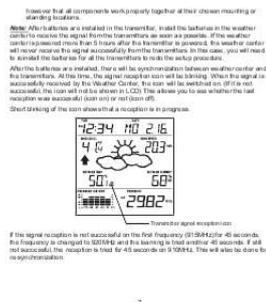
Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for LA CROSSE TECHNOLOGY WS-1913TWC-IT. You'll find the answers to all your questions on the LA CROSSE TECHNOLOGY WS-1913TWC-IT in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual LA CROSSE TECHNOLOGY WS-1913TWC-IT User guide LA CROSSE TECHNOLOGY WS-1913TWC-IT Operating instructions LA CROSSE TECHNOLOGY WS-1913TWC-IT Instructions for use LA CROSSE TECHNOLOGY WS-1913TWC-IT Instruction manual LA CROSSE TECHNOLOGY WS-1913TWC-IT



- Note:** When putting the Weather Station into operation, it is important to have been in close proximity (i.e., on a table) while completing wiring and set-up of the system. This step is important to allow heating of all components for correct fan-disk before placing and mounting them at their final operation (i.e., Weather Station).
1. Unwind the cables of the Wind sensor. Connect the Wind sensor to the Thermo-Hydro transmitter by plugging the connector head into the socket of the Thermo-Hydro sensor.
 2. First insert the battery into the Thermo-Hydro sensor and optional rain sensor (optional and not included). Then insert the battery into the Weather Center. **Note:** How to install and replace the battery into the Weather Center and How to install and replace the battery into the rain sensor (optional feature).
 3. Then insert the battery into the Weather Center. **Note:** How to install and replace the battery into the Weather Center. Check the battery and install all segments of the LCD will light up. It will then display the time as 12:00, the date as 1.1.00, the weather icon and a compass value "0". It will also show the weather data.
 4. The Weather Center will start receiving data from the transmitter. The transmission reception can be checked by looking at the status display to get the Thermo-Hydro's sensor data. The status temperature, humidity and wind data should then be displayed on the Weather Center. If the data is not received after 120 seconds, the battery will need to be recharged from a new battery. You will have to start again from step 2.
 5. The transmitter reception scan is now taking again to indicate that the station is trying to get the rain sensor data. It will stop taking once the rain sensor has been detected. If this does not happen after 120 seconds, you will need to start again from step 2.
 6. You may need to check the cable for correct connection and all the components for correct function by carefully looking the wind gauge by moving the wind gauge fitting the rain sensor to see the impact of the internal moving sensor, etc. (see **HOW TO INSTALL AND REPLACE THE BATTERIES INTO THE THERMO-HYDRO TRANSMITTER**).
 7. The LCD will show the weather data (see **Weather Station**).
 8. After the Weather Center has been checked for correct function with regard to the above points and installed, the set-up of the weather station system is finished and the mounting of the system components can take place. It must be a record.



- ### HOW TO INSTALL AND REPLACE THE BATTERIES INTO THE THERMO-HYDRO TRANSMITTER
- The outdoor Thermo-Hydro transmitter works with 2 x AA/AAA/LR4/LR6 batteries. To install and replace the batteries, please follow the steps below:
1. Uninstall the rain cover of the transmitter.
 2. Remove the battery compartment cover.
 3. Insert the batteries, observing the correct polarity (as the marking in the battery compartment).
 4. Replace the battery cover and the rain cover onto the unit.
- Note:** When changing batteries in any of the units, all units need to be reset by following the usual procedure. This is done by a reset button (see the weather station manual) or a reset button (see the weather station manual) or a reset button (see the weather station manual).
- ### HOW TO INSTALL AND REPLACE THE BATTERIES INTO THE WEATHER STATION
- The Weather Station works with 2 x C/AAA/LR4/LR6 batteries. When the batteries need to be replaced, the LCD battery symbol will appear on the LCD.
- To install or replace the batteries, please follow the steps below:
1. Remove the battery compartment cover.
 2. Insert the battery (observing the correct polarity) into the battery compartment.
 3. Replace the battery cover.
- Note:** When changing batteries in any of the units, all units need to be reset by following the usual procedure. This is done by a reset button (see the weather station manual) or a reset button (see the weather station manual) or a reset button (see the weather station manual).
- Note:** This station history record will not be kept after the battery change is done on the weather station.



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Manual abstract:

This step is important to allow testing of all components for correct function before placing and mounting them at their final destinations (See Positioning below). First insert the batteries into the Thermo-hygro sensor and optional rain sensor (purchased separately) (See How to install and replace the batteries into the Thermo-hygro sensor and How to install and replace the batteries into the rain sensor (optional) below). Then insert the batteries into the Weather Center (See How to install and replace the batteries into the Weather Center below). Once the batteries are installed, all segments of the LCD will light up. 09, the weather icons, and air pressure value. The transmission reception icon will be blinking to indicate that the station is trying to get the thermohygro transmitter data. the outdoor temperature , humidity and wind data should then be displayed on the Weather Center. If this does not happen after 135 seconds, the batteries will need to be removed from all units. You will have to start again from step 2. The transmitter reception icon is now blinking again to indicate that the station is trying to get the rain sensor data.

It will stop blinking once the rain sensor has been detected. If this does not happen after 135 seconds, you will need to start again from step 2. @@@@Note: After batteries are installed in the transmitter, install the batteries in the weather center to receive the signal from the transmitters as soon as possible. If the weather center is powered more than 5 hours after the transmitter is powered, the weather center will never receive the signal successfully from the transmitters. In this case, you will need to reinstall the batteries for all the transmitters to redo the setup procedure.

After the batteries are installed, there will be synchronization between weather center and the transmitters. at this time , the signal reception icon will be blinking. When the signal is successfully received by the Weather Center, the icon will be switched on. (If it is not successful, the icon will not be shown in LCD) This allows you to see whether the last reception was successful (icon on) or not (icon off). Short blinking of the icon shows that a reception is in progress.

Replace the battery cover and the rain cover onto the unit. Note: When changing batteries in any of the units, all units need to be reset by following the setup procedures. This is because a random security code is assigned by the thermohygro sensor at start-up and this code must be received and stored by the weather center in the first several minutes of power being supplied to it. When the batteries need to be replaced, the low battery symbol will appear on the LCD. If the signal reception is not successful on the first frequency (915MHz) for 45 seconds, the frequency is changed to 920MHz and the learning is tried another 45 seconds. If still not successful, the reception is tried for 45 seconds on 910MHz. This will also be done for re-synchronization. Note: When changing batteries in any of the units, all units need to be reset by following the setup procedures. @@@@ (If not successful , the be shown on the LCD). @@@@Note: To view the rainfall data, press the + key after entering Mode 2 display.

The rain sensor should be mounted horizontally about 2-3ft off from the ground (or higher) in an open area away from trees or other coverings to allow rain to fall naturally for an accurate reading. Note: For best results ensure the base is horizontal to allow maximum drainage of any collected rain In Mode 2, this reception icon is showing the condition of the reception of the signal from Rain sensor (only if a rain sensor is being used) La Crosse Technology, Ltd provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship. This limited warranty begins on the original date of purchase, is valid only on products purchased and used in North America and only to the original purchaser of this product. The original dated bill of sale must be presented upon request as proof of purchase to La Crosse Technology, Ltd or La Crosse Technology, Ltd's authorized service center. La Crosse Technology, Ltd will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of La Crosse Technology, Ltd and must be returned to La Crosse Technology, Ltd. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer. La Crosse Technology, Ltd will pay all expenses for labor and materials for all repairs covered by this warranty. If necessary repairs are not covered by this warranty, or if a product is examined which is not in need or repair, you will be charged for the repairs or examination. The owner must pay any shipping charges incurred in getting your La Crosse Technology, Ltd product to a La Crosse Technology, Ltd authorized service center.

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