



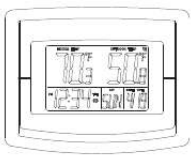

Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for LA CROSSE TECHNOLOGY WS-8500TWC-IT. You'll find the answers to all your questions on the LA CROSSE TECHNOLOGY WS-8500TWC-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-8500TWC-IT User guide LA CROSSE TECHNOLOGY WS-8500TWC-IT Operating instructions LA CROSSE TECHNOLOGY WS-8500TWC-IT Instructions for use LA CROSSE TECHNOLOGY WS-8500TWC-IT Instruction manual LA CROSSE TECHNOLOGY WS-8500TWC-IT

The Weather Channel® WS-8500TWC-IT

IT-915 MHz
Wireless Temperature Station with Wireless Solar-Powered Outdoor Sensor

Wireless Weather Instruments by La Crosse Technology®

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La Crosse, WI 54601
Phone 608-782-1910

Page 1 of 14

Table of Contents

Table of Contents 2
Inventory of Contents 2
Features and Specifications 3
Initial Set Up and Wireless Synchronization 4
TX61U-IT Sensor Power Save "STOP" Mode 5
MIN / MAX Temperature Display 5

Set the Time and Date 6

1. Set the Time Zone 6
2. Set Daylight Saving Time ON/OFF 6
3. Set Language 6
5. Set Time - Minute 7
6. Set Date - Year 7
7. Set Date - Month 7
8. Set Date - Day 7
9. Set Date - Day of Week 7
10. Set 12 or 24 Hour Time Mode 7
11. Set Temperature Mode - °F or °C 7

Setting the Time Alarm 7

Battery Replacement Information 8
Mounting Notes 9
Mounting the Units 10
Online Resources 11
Care and Maintenance 11
Troubleshooting 12
Warranty Information 13

Inventory of Contents

1. A WS-8500TWC-IT 915 MHz Temperature Station (referred to as "Wireless Display" in this manual)
2. A TX61U-IT 915 MHz Wireless Solar-Powered Outdoor Temperature Sensor with built-in rechargeable battery pack (referred to as TX61U-IT sensor in this manual)
3. Mounting hardware for TX61U-IT sensor
4. Instruction manual

All but the sensor are the size of a standard wireless weather station. The sensor is the size of a standard wireless weather station. The sensor is the size of a standard wireless weather station. The sensor is the size of a standard wireless weather station.

Page 2 of 14

Features and Specifications

WS-8500TWC-IT Wireless Display:

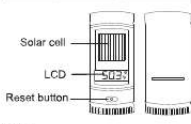
- Wireless outdoor temperature (°F or °C)
- Indoor temperature (°F or °C)
- Minimum temperature records
- Time alarm
- 12/24 hour time
- Calendar: Month, date, day
- Multi-language calendar: English (US), French (Fr), Spanish (E)
- Time Zone setting: +/- 12 hours from GMT
- Continuous calendar up to year 2029
- Low battery indicator
- Wall hanging or free standing
- Indoor measurement range: 14.2°F to 159.8°F (6.9°C to 59.9°C) w/ 0.1°F resolution, "LO" displayed if outside range
- Indoor temperature update rate: Every 15 seconds
- Batteries: 2 x "AA" size 1.5V (not included)
- Battery life: Up to 24 months
- 915 MHz Wireless range: Up to 200 Ft. (60.96m) open air
- Dimensions: 9.14" x 4.47" x 3.37" (232 x 113 x 84 mm)

TX61U-IT Wireless Solar-Powered Outdoor Sensor:

- The TX61U-IT sensor sends the collected outdoor temperature to your existing Wireless Display by way of a 200 Ft. wireless signal.
- High-efficiency modern solar panel maintains full charge with minimal light.
- Stores solar power for continuous operation
- Batteries are a built-in (non-replaceable) alkaline power cell.
- Wall hanging or free standing
- Outdoor measurement range: -39.8°F to 159.8°F (-39.9°C to 59.9°C) w/ 0.1°F resolution, "LO" displayed if outside range
- Outdoor temperature update rate: Every 5 seconds
- 915 MHz Wireless range: Up to 200 Ft. (60.96m) open air
- Dimensions: 1.7" x 3.57" x 3.94" (43 x 100 x 100 mm)
- Signal reception and no synchronization: 902MHz, 915MHz and 927MHz
- Operating voltage: 2.5V or higher than 2.5V

Page 3 of 14

Initial Set Up and Wireless Synchronization



Step 1. Make Up TX61U-IT Sensor
To begin the set up process, use a paper clip to **GENTLY PUSH** the reset button on the TX61U-IT sensor. All LCD segments will light up briefly. The code number and the security code ("20" for example) of the model will be displayed sequentially. Next, the battery voltage will be shown on the LCD, it should be higher than 2.5V to maintain normal operation. Then the current temperature will appear on the sensor's LCD and it will start to transmit the wireless temperature signal.

Note: When the voltage of the TX61U-IT sensor is lower than 2.5V, the transmission of signal stops and "LO" is displayed on the LCD for approximately 2 seconds before the sensor enters into the "IDLE" mode. In the "IDLE" mode, the LCD turns off. The sensor will check and charge up the internal rechargeable battery automatically. When the battery voltage rises up to 2.5V, the LCD will turn on and transmission of signal will start again.

Step 2. Install Batteries into Wireless Display
Insert 2 new "AA", LR6 1.5 volt ALKALINE batteries into the Wireless Display according to the polarity marked on the battery compartment within 2 minutes of performing the start up process for the TX61U-IT. (Diagram on page 7)

Once the batteries are properly installed in the Wireless Display, the unit will beep and all segments of the LCD will light up briefly. Then the indoor temperature and the time (displayed as 12:00) will appear on the LCD.

Page 4 of 14



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Manual abstract:

2°F to 139.8°F (-9.9°C to 59.9°C) w/ 0.1°F resolution. "OFL" displayed if outside range Indoor temperature update rate: Every 16 seconds Batteries: 2 X "AA" size 1.5V (not included) Battery life: Up to 24 months 915 MHz Wireless range: Up to 200 Ft. (60.96m) open air Dimensions: 9.14"L x 1.4"W x 7.3"H (232 x 35.5 x 184 mm) Initial Set Up and Wireless Synchronization The Weather Channel® WS-8500TWC-IT Table of Contents ...

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.....
.....
.....
.....

..... 2 Inventory of Contents.

.....
.....
.....
.....

. 2 Features and Specifications

.....
.....

.....
.. 3 Initial Set Up and Wireless Synchronization ...
.... 4 TX61U-IT Sensor Power Save "STOP" Mode .
... 5 MIN / MAX Temperature Display

.....
.....

.. 5 Set the Time and Date ...

.....
.....
.....

..... 6 1. Set the Time Zone: ..

.....
.....
.....

6 2. Set Daylight Saving Time ON/OFF: 6 3. Set Language: .

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.....

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.... 6 5.

Set Time - Minute:

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.... 7 6. Set Date - Year:

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.. 7 7. Set Date - Month:

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..... 7 8. Set Date - Date: .

.....
.....
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. 7 9. Set Date - Day of Week: ...

.....

. 7 10. Set 12 or 24 Hour Time Mode: ...

.....

.... 7 11. Set Temperature Mode - °F or °C:

.. 7 Setting the Time Alarm

.....
.....
.....

. 7 Battery Replacement Information

.....
.....

.... 8 Installation Notes

.....
.....
.....

.. 9 Mounting the Units

.....
.....
.....
.....

..... 10 Online Resources

.....
.....
.....

. 11 Care and Maintenance

.....
.....
.....

..... 11 Troubleshooting ..

.....
.....
.....
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. 12 Warranty Information

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.....
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..... 13 Inventory of Contents 1. 2. A WS-8500TWC-IT 915 MHz Temperature Station (referred to as "Wireless Display" in this manual) A TX61U-IT 915 MHz Wireless Solar-Powered Outdoor Temperature Sensor with built-in rechargeable battery pack (referred to as TX61U-IT sensor in this manual) Mounting hardware for TX61U-IT sensor Instruction manual INSTANT TRANSMISSION is the state-of-the-art new wireless transmission technology, exclusively designed and developed by LA CROSSE TECHNOLOGY®. INSTANT TRANSMISSION offers you an immediate update (every 8 seconds!) of all outdoor data measured from the sensors: follow your climatic variations in real-time! IT-915 MHz Wireless Temperature Station with Wireless Solar-Powered Outdoor Sensor Step 1.

TX61U-IT Wireless Solar-Powered Outdoor Sensor: x x x x x x The TX61U-IT sensor sends the collected outdoor temperature to your existing Wireless Display by way of a 200 Ft wireless signal. High-efficiency modern solar panel maintains full charge with minimal light Stores solar power for continuous operation Batteries are a built-in (non-replaceable) Alkaline power cell Wall hanging or free standing Outdoor measurement range: -39.8°F to 139.8°F (-39.9°C to 59.9°C) with 0.1°F resolution. "OFL" displayed if outside range Outdoor temperature update rate: Every 8 seconds 915 MHz Wireless range: Up to 200 Ft. (60.96m) open air Dimensions: 1.

7"L x .93"W x 3.94"H (43 x 100 x 23.5 mm) Signal reception and re-synchronization: 903MHz, 915MHz and 927MHz Operating voltage: 2.5V or higher than 2.

5V Wake Up TX61U-IT Sensor To begin the set up process, use a paper clip to GENTLY PUSH the reset button on the TX61U-IT sensor. All LCD segments will light up briefly. The code number and the security code ("20" for example) of the model will be displayed sequentially. Next, the battery voltage will be shown on the LCD, it should be higher than 2.5V to maintain normal operation.

@@@@In the "IDLE" mode, the LCD turns off. @@@@www.lacrossetechnology.com 2809 Losey Blvd. S. La Crosse, WI 54601 Phone 608-782-1610 4. Install Batteries into Wireless Display Insert 2 new "AA", LR6 1.5 volt ALKALINE batteries into the Wireless Display according to the polarity marked on the battery compartment within 2 minutes of performing the start up process for the TX61U-IT. (Diagram on page 7) Once the batteries are properly installed in the Wireless Display, the unit will beep and all segments of its LCD will light up briefly. Then the indoor temperature and the time (displayed as 12:00) will appear on the LCD.

Page 4 of 14 This product offers: Page 1 of 14 Page 2 of 14 Page 3 of 14 If it does not appear after 30 seconds, please reinstall the Wireless Display batteries and try again. Once the indoor data is displayed, proceed to the next step. Set the Time and Date Step 3. Wireless Temperature Reception After the Wireless Display is powered up, it will start receiving wireless temperature signal from the TX61U-IT sensor. If reception is successful, the outdoor temperature will appear on the Wireless Display. If this does not happen after 5 minutes, please remove the batteries from the Wireless Display, make sure the batteries are fresh and go back to Step 1. Distance Between Units To ensure sufficient 915 MHz wireless communication, the final distance between the Wireless Display and the TX61U-IT sensor should be no greater than 200 feet (60.96 meters) open air. HANGING HOLE + ALM SET BATTERY COMPARTMENT MIN/MAX + + Step 4. FOLD OUT STANDS TX61U-IT Sensor Power Save "STOP" Mode If the TX61U-IT sensor is placed in a dark environment for 24 hours, it will enter into the "STOP" mode to save power.

The LCD will turn off and it will stop transmitting the wireless temperature signal. If this happens, please press the reset button on the TX61U-IT sensor to wake it up again. Afterwards, if the voltage is higher than 2.5V, the LCD will turn on again and resume the transmission of the wireless temperature signal. However, if the voltage is lower than 2.

5V, "LO" will appear on the LCD and the sensor will enter into "IDLE" mode. If the battery voltage is lower than 2.5V, please relocate the TX61U-IT sensor to a brighter environment in order to charge up the internal rechargeable batteries to continue normal operation. MIN / MAX Temperature Display Press the MIN / MAX button to view the min and max records for IN & OUT temperature. Page 5 of 14 Note: The "SET" button is used to enter SET mode.

The display will exit SET mode automatically after 15 seconds of inactivity. If the display exits SET mode, press the "SET" button the indicated number of times to return to the portion of the SET mode desired. 1. Set the Time Zone: Press the "SET" button and the Time Zone display will flash. Use the "PLUS" button to select the correct Time Zone setting from the available selections below: -1,-2,-3: Other time zones -4: ATL - Atlantic -5: EST - Eastern (default setting) -6: CST - Central -7: MST - Mountain -8: PST - Pacific -9: ALA - Alaska -10,-11,-12,12,11,10,9,8,7,6,5,4,3,2,1: Other time zones 0: - Greenwich Mean Time (GMT) (North American Time Zones are Negative numbers) 2. Set Daylight Saving Time ON/OFF: DST should be set to "ON". This setting will not affect operation of the Wireless Display. 3. Set Language: Press the "SET" button a third time and the Language Abbreviation will flash. Press the "PLUS" button to switch the Language to be displayed.

The three-letter abbreviation for the Page 6 of 14 day of the week will display in the bottom of the LCD while the setting flashes above. US: English (default setting) F: French (Français) E: Spanish (Español) 4.



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Set Time - Hour: Press the "SET" button a fourth time and the Hours digits will flash. Use the "PLUS" button to set the correct hour. 5. Set Time - Minute: Press the "SET" button a fifth time and the Minutes digits will flash. Use the "PLUS" button to set the correct minute. 6. @@Use the "PLUS" button to set the correct year. 7.

@@Use the "PLUS" button to set the correct month. 8. @@Use the "PLUS" button to set the correct date. 9. @@Use the "PLUS" button to set the correct day of week.

10. @@@@11. @@@@Use the "PLUS" button to set the minutes. @@@@The alarm will sound for 85 seconds if not deactivated. You can deactivate it by pressing any button.

The alarm will be repeated automatically after 24 hours. @@2. Lift up the battery compartment cover and remove the batteries. @@The batteries will fit tightly. @@@@No battery replacement is needed. Help us to keep our environment clean. @@The LCD will display . @@Use the "PLUS" button to set the hour. Press the "ALARM" button to confirm your setting and move to setting the minutes. Page 7 of 14 Page 8 of 14 Installation Notes x Point the TX61U-IT solar panel toward the best available indire bracket over the desired location.

@@Screw the mounting bracket onto the mounting surface. Ensure that the screws are tight against the bracket. Insert the TX61U-IT sensor into the bracket. FOLD OUT STANDS Table Standing The two foldout table stands are located on the bottom of the back side of the Wireless Display. Pull the stands out from the center to fully extend them. Wall Mounting Select a place to mount the Wireless Display. Install a mounting screw (not included). Align the "Hanging Hole" to the mounting screw and ensure that the Wireless Display locks down into place before releasing the Wireless Display. Troubleshooting Visit <http://www.lacrossetechnology.com/8500twc>

x Batteries problems are the single largest cause of TABLE STANDING & OTHER MOUNTING OPTIONS With the mounting bracket installed at the bottom or on the top of the TX61U-IT sensor, the user can place it on any flat surface. Online Resources x Visit the WT-8500TWC-IT page online at: <http://www.lacrossetechnology.com/8500twc> Care and Maintenance customer support cases. o Use fresh batteries Please use plain Alkaline batteries in the Wireless Display that test no less than 1.

48 on a voltmeter or with an expiration date that is 7 years in the future. o Ensure correct polarity Ensure that the Wireless Display has fresh batteries and they are installed using the correct polarity that is listed inside the battery compartment (+). Before permanently fixing the TX61U-IT sensor wall bracket, temporarily place the TX61U-IT and the Wireless Display in the desired location, then check that the outdoor temperature readings are being received. In event that the signal is not received, relocate the TX61U-IT sensor (respecting the 200Ft open air wireless range) or move both units slightly as this may help the signal reception. x Sensor Location x Extreme temperatures, vibration and shock should x Precautions shall be taken when handling the IMPORTANT Note: Before permanently fixing the TX61U-IT sensor wall base, place all units in the desired locations to check that the outdoor temperature readings are receivable.

be avoided as these may cause damage to the unit and give inaccurate readings. batteries. Injuries, burns, or property damage may be resulted if the batteries are in contact with conducting materials, heat, corrosive materials or explosives. The batteries shall be taken out from the unit before the product is to be stored for a long period of time. x TX61U-IT sensor LCD is turned "OFF": o Please read "Step 1" on page 5 or o "TX61U-IT sensor Power Save "STOP" Mode" on page 6 Page 9 of 14 Page 10 of 14 Page 11 of 14 Page 12 of 14 Warranty Information 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. To receive warranty service, the purchaser must contact La Crosse Technology, Ltd for problem determination and service procedures. Warranty service can only be performed by a La Crosse Technology, Ltd authorized service center. 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. La Crosse Technology, Ltd will pay ground return shipping charges to the owner of the product to a USA address only. Your La Crosse Technology, Ltd warranty covers all defects in material and workmanship with the following specified exceptions: (1) damage caused by accident, unreasonable use or neglect (including the lack of reasonable and necessary maintenance); (2) damage occurring during shipment (claims must be presented to the carrier); (3) damage to, or deterioration of, any accessory or decorative surface; (4) damage resulting from failure to follow instructions contained in your owner's manual; (5) damage resulting from the performance of repairs or alterations by someone other than an authorized La Crosse Technology, Ltd authorized service center; (6) units used for other than home use (7) applications and uses that this product was not intended or (8) the products inability to receive a signal due to any source of interference.. This warranty covers only actual defects within the product itself, and does not cover the cost of installation or removal from a fixed installation, normal set-up or adjustments, claims based on misrepresentation by the seller or performance variations resulting from installation-related circumstances. LA CROSSE TECHNOLOGY, LTD WILL NOT ASSUME LIABILITY FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR OTHER SIMILAR DAMAGES ASSOCIATED WITH THE OPERATION OR MALFUNCTION OF THIS PRODUCT.



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