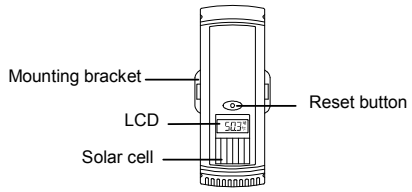
Tomorrow's Weather Today™

TX62U-IT
Wireless 915 MHz
Solar Temperature Transmitter

The TX62U-IT Solar Temperature Transmitter measures the outdoor temperature and transfers the data to the Temperature Station.



INVENTORY OF CONTENTS

1. One TX62U-IT Solar Temperature Transmitter.
2. A plastic reset rod.
3. Mounting hardware.
4. Instruction manual.

IMPORTANT NOTES ON SETUP AND OPERATION

- The Solar Temperature Transmitter should be placed in a dry area.
- The Solar Temperature Transmitter consumes solar power and internal rechargeable batteries.
- Fog and mist will not harm the device but direct rain must be avoided.
- The Solar Temperature Transmitter has a range of 330 feet (100 m). Keep in mind that the 330 feet is in open air with no obstructions and that radio waves DO NOT curve around objects. Actual transmission range will vary depending on what is in the path of the signal. Each obstruction (roof, walls, floors, ceilings, thick trees, etc.) will effectively cut signal range in half.

  Example: A wireless Weather/ Temperature Station with a 330 feet (100 m) range is mounted on an interior wall, so that the signal has to pass through one interior wall, one exterior wall, and across the 10 feet (3 m) width of the room between the 2 walls. The first wall will reduce the range to 165 feet (50 m), and the second wall will reduce the range to 87 feet (26.5 m). Factoring in the 10 foot room, this leaves a maximum of 77 feet (23.5 m) of remaining signal range.

  This allowance is typically enough for a frame wall with non-metallic siding; however certain materials can reduce range even further. Metal siding, stucco, and some types of glass can reduce signal range by as much as ¾ or more compared to the ½ reduction typical of most obstructions. It is possible to receive a signal through these materials, however maximum range will be much less due to their tendency to absorb or reflect a much larger portion of the sensor's signal.

- The Solar Temperature Transmitter measures and transmits signal about every 8 seconds when its battery voltage is 2.8V or higher.
  Note: If the sensor is placed in a dark environment or the battery voltage is dropped lower than 2.8V, the signal is transmitted every 16 seconds.
- After the batteries of Temperature Station have been installed, the Temperature Station will search for the signal of Solar Temperature Transmitter for duration of few minutes. If the connection process is failed, user shall make sure the units are within range of each other, or restart the transmitter **SETTING UP** procedure again.

IDLE MODE

This mode aims to reduce power consumption of the transmitter. Under this mode, the transmitter turns off the LCD and stops the transmission of signal. It checks the battery voltage and detects the solar cell condition regularly. The IDLE mode happens:

- if the battery voltage is lower than 2.4V, "LO" will be displayed on the LCD for a short while before the transmitter enters IDLE mode.

Note: The transmitter will check and charge up the internal rechargeable battery automatically, when it detects the battery voltage rises up to 2.5V, the LCD turns on and the transmission of signal starts again.

STOP MODE

It is the most energy saving mode. Under this mode, the transmitter turns off the LCD, no transmission of signal and no checking of battery voltage. The transmitter shows "StP" on the LCD for a short while before it enters STOP mode. The STOP mode happens:

- if the user covers the solar cell for 10 seconds and presses the reset button.
- if the transmitter is placed in the dark environment for 72 hours.

Note: To wake up the Solar Temperature Transmitter, user has to press the reset button on the transmitter to wake it up again. If the battery voltage is 2.4V or higher, the LCD turns on and the transmission of signal starts again. However, if the battery voltage is lower than 2.4V, "LO" will be displayed and then the transmitter enters into IDLE mode. User should place the transmitter under a bright environment to charge up the internal rechargeable batteries.

SETTING UP

1. To start the operation, remove the transparent label covered on the Solar Temperature Transmitter and gently press the RESET button once by the provided plastic reset rod.
   Note: It is important to allow sufficient light to reach the solar panel while activating the transmitter. Place the unit in a bright environment to charge up the internal rechargeable batteries and do not cover the solar panel with hands or other objects.
2. All segments of the LCD will light up briefly, the version number, security code and battery voltage will be displayed sequentially. After a short while, the instant temperature can be read on the transmitter, and the transmission of signal to Temperature Station begins.
   Note: The displayed battery voltage should be higher than 2.4V to maintain the normal operation.
3. Insert batteries to the Temperature Station.
   IMPORTANT! Make sure the correct polarity when inserting batteries.
4. Once the Temperature Station is powered up, all LCD segments will light up briefly. The indoor data will be displayed first, and then the outdoor data. In order to make sure better reception and transmission, the distance between Solar Temperature Transmitter and Temperature Station should no more than 330 feet (100 meters).
   Note: Avoid placing the transmitter onto or in the immediate proximity of metal window frames. Using other electrical products such as headphones or speakers operating on the 915MHz frequency may prevent reception of the transmitted data.
5. If the Temperature Station does not receive signal of the Solar Temperature Transmitter after 5 minutes. Remove all batteries of the Temperature Station and restart from step 1.

MOUNTING

THE SOLAR TEMPERATURE TRANSMITTER

The Solar Temperature Transmitter can be mounted in several ways.

MOUNTING WITH SCREWS

1. Remove the mounting bracket from the Solar Temperature Transmitter.
2. Place the mounting bracket over the desired location.
3. Through the two screw holes of the bracket, mark the mounting surface with a pencil.
4. Screw mounting bracket onto the mounting surface. Ensure that the screws are tight against the bracket.
5. Insert the Solar Temperature Transmitter into the bracket.

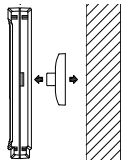


TABLE STANDING OR OTHERS

With the mounting bracket installed at the bottom or the top of the transmitter, user can place it on any flat surface.

Note: Before permanently fixing the remote temperature sensor wall base, place all units in the desired locations to check that the outdoor temperature readings are receivable. In event that the signal is not received, relocate the remote temperature sensor or move them slightly as this may help the signal reception.

MAINTENANCE AND CARE

- Extreme temperatures, vibration, and shock should be avoided to prevent damage to the units.
- Clean displays and units with a soft, damp cloth. Do not use solvents or scouring agents; they may mark the displays and casings.
- Do not submerge in water.
- Immediately remove all low powered batteries to avoid leakage and damage.
- Opening the casings invalidates the warranty. Do not try to repair the unit. Contact La Crosse Technology for repairs.

SPECIFICATIONS

Note: Detailed set-up procedures of the Temperature Station and the Solar Temperature Transmitter refer to the main operation manual of the Temperature Station.

Data measuring range:	
Outdoor temperature:	-39.2°F to 139.8°F with 0.2°F resolution "--.-" displayed if outside this range
Transmission range:	330 feet (100 m) in open space
Operating voltage:	2.4V or higher
Dimensions (L x W x H):	36 x 16 x 102.6mm
Power source :	Solar power cell and internal rechargeable batteries

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. THIS PRODUCT IS NOT TO BE USED FOR MEDICAL PURPOSES OR FOR PUBLIC INFORMATION. THIS PRODUCT IS NOT A TOY. KEEP OUT OF CHILDREN'S REACH.

This warranty gives you specific legal rights. You may also have other rights specific to your State. Some States do no allow the exclusion of consequential or incidental damages therefore the above exclusion of limitation may not apply to you.

For warranty work, technical support, or information contact:

La Crosse Technology
2817 Losey Blvd. South
La Crosse, WI 54601

The complete instruction manual is available at:
www.lacrossetechnology.com/support

Le manuel d'instruction complet est disponible sur:
www.lacrossetechnology.com/support

El manual de instrucciones completo está disponible en:
www.lacrossetechnology.com/support

FCC DISCLAIMER

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.
(2) This device must accept any interference received, including interference that may cause undesired operation.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

This handbook may contain mistakes and printing errors. The information in this handbook is regularly checked and corrections made in the next issue. We accept no liability for technical mistakes or printing errors, or their consequences.

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