



Tomorrow's Weather Today™

TX60U-IT-D

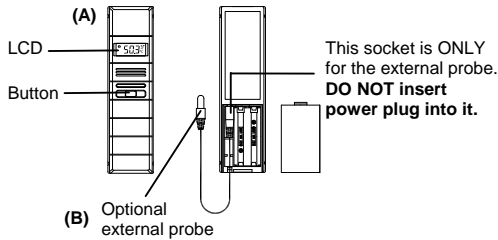
Wireless 915 MHz

Temperature and Humidity Sensor with Dry Probe

www.weatherdirect.com

TX60U-IT sensor measures:

- (A) Ambient air temperature and humidity (Channel 1).
- (B) **Probe temperature** (Channel 2): Use the included 6 Ft. detachable, dry temperature probe to measure the temperature of soil, or the inside of a refrigerator or server room.



The TX60U-IT Sensor sends the collected outdoor temperature and humidity measurements to your existing Weather Direct® Gateway (not included) with a wireless range over 200 Ft. (60.96 m). The Weather Direct® Gateway uses your high-speed Internet connection to upload your temperature and humidity measurement log to your included www.weatherdirect.com account. Now you can view your temp/humidity measurement log through your online account anywhere in the world with an Internet connection.

SUGGESTED USES

- Humidity monitoring:
 - o Pianos
 - o Greenhouses
 - o Reptile terrariums
 - o Cigar storage/humidors
 - o Allergies (prevent dust mites & mold)
 - o Laundry rooms and basements at rental properties or vacation homes
- Storage conditions (temperature and humidity):
 - o R.V. storage
 - o Warehouses
 - o Long-term storage
 - o Laboratories
 - o Medicine/pharmaceuticals
 - o Cosmetics
- Temperature monitoring using detachable probe:
 - o Refrigerators, freezers, laundry rooms and basements at rental properties or vacation homes
 - o Computers/ server rooms
 - o Soil temperature using probe:
 - o Farms
 - o Gardens
 - o Greenhouses

PACKAGE LIST OF CONTENTS

1. One TX60U-IT wireless temperature & humidity sensor w/ detachable probe (6 foot).
2. Mounting hardware
3. Instruction manual

ADDITIONAL EQUIPMENT REQUIRED (NOT INCLUDED)

- Two fresh AAA, IEC LR03, 1.5V Alkaline batteries
- A Weather Direct® Gateway
- PC with high speed internet to configure the TX60U-IT sensor

IMPORTANT NOTES ON SETUP & OPERATION

- The TX60U-IT sensor should be placed in a dry, shaded area. Please avoid a location with direct sun, as that will cause incorrect readings.
- Fog and mist will not harm the TX60U-IT sensor but direct rain must be avoided. **Note:** Exposing the TX60U-IT sensor case to extreme humidity may temporarily disrupt data. The sensor case reads humidity, but should not be 'submerged' in water.
- The TX60U-IT sensor has a wireless range of 200 feet (60.96 m). Keep in mind that the 200 ft range equates to 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: If the TX60U-IT Sensor, with a 200 feet (60.96 m) range, is mounted on an exterior wall, the signal must then pass through one exterior wall, one interior wall, and across the 10 feet (3 m) width of the room between the 2 walls to reach the Weather Direct® Gateway. The first wall will reduce the range to 100 feet (30.48 m), and the second wall will reduce the range to 50 feet (15.24 m). Factoring in the 10 foot room, this leaves a maximum of 40 feet (12.2 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 TX60U-IT sensor measures and updates the temperature and humidity on the LCD every 6 seconds. Note: The data is stored on the device every 6 seconds but is reported to the computer only at the intervals that you have selected in your online account (default is every 2 minutes).

BEGIN SET UP

First you must have a Weather Direct® Gateway registered so that it can communicate with your new TX60U-IT sensor. If you do not already have a Gateway registered, begin by registering your Weather Direct® Gateway online at: www.weatherdirect.com

After successful online Weather Direct® Gateway registration, you will use to following steps to "connect" both devices:

- Step 1. Please make sure the TX60U-IT sensor is 3 to 10 feet away from the Gateway during the registration process. Registration may fail if the device is too close or too far from the Gateway.
- Step 2. Install batteries into the TX60U-IT sensor. (See "Battery Installation" below)
- Step 3. Press and release the button on the TX60U-IT Sensor.
- Step 4. Press and release the button on the Weather Direct® Gateway.
- Step 5. Wait approximately 10 seconds for the two devices to make a connection. The LED on the TX60U-IT sensor will turn **ON** to signal that it is trying to connect to the Gateway.
- Step 6. The LED on the TX60U-IT Wireless sensor will turn **OFF** once the device is successfully connected to the Gateway.
- Step 7. The channel number for connection will briefly display on the TX60U-IT LCD and the LED will light up for approximately 5 seconds. Then, the LCD will alternate the measurement values for channel 1 and 2:
 - o CHANNEL 1: Measurement received by the internal temperature and humidity sensor within the sensor body.
 - o CHANNEL 2: Measurement received by the optional external temperature probe. "nC" will be displayed if no probe is attached.

Note: If registration fails, the LCD on the TX60U-IT will display "1" and LED will continue to blink in sets of three. If this happens, please return to Step 3 to restart the setup process.

OPTIONAL CHANNEL 2 TEMPERATURE PROBE

If the optional probe for the TX60U-IT sensor is unplugged, the LCD on the TX60U-IT sensor will display "nC" for the CHANNEL 2 reading. The probe can be plugged into the TX60U-IT sensor at anytime without resetting the units.

ONLINE ACCOUNT SETUP

TX60U-IT ONLINE REGISTRATION / CONFIGURATION

Please log in to your account on www.weatherdirect.com and follow the online instructions to register and configure the TX60U-IT sensor so that you may begin collecting measurement logs. You may select your desired transmission period (2, 5, 10, 20 minutes) and input your alarm settings for temperature and humidity.

Note: To delete or reset the TX60U-IT sensor from your account, press and hold the button on the sensor until the LCD displays a full segment and then delete the record in your Weather Direct® account. **WARNING:** If you do this, you will have to re-register your device.

AUTOMATIC SPREADSHEET CREATION OF MEASUREMENT LOG

Once your TX60U-IT sensor is set up on your www.weatherdirect.com account and is building a measurement log, you can download the data to your computer in the form of a spreadsheet. You have the option to either: "save the file to your hard drive" or "open it directly from the website". You must have an application on your computer that supports **Microsoft® Excel** formatted files for this option to work. Please refer to the documentation on www.weatherdirect.com for more information.

1 YEAR OF NOTIFICATIONS IS INCLUDED WITH INITIAL SENSOR ACTIVATION ON YOUR WWW.WEATHERDIRECT.COM ACCOUNT:

Once the TX60U-IT sensor is set up on your www.weatherdirect.com account, you may choose to activate the optional cell phone / e-mail notifications:

- (1) If temperature or humidity exceed your defined range
- (2) If connection is lost
- (3) If batteries are low

BATTERY INSTALLATION

1. Remove the battery cover by sliding the cover down.
2. Observing the correct polarity install 2 AAA, Alkaline batteries. The batteries will fit tightly (to avoid start-up problems make sure they do not spring free).
3. Replace the battery cover by sliding upwards. Be sure battery cover is on securely.

LOW BATTERY INDICATOR

When batteries are low, the low battery indicator shows up on the LCD. You will receive an e-mail or cellular notification (if notifications have been configured) when the battery power of the TX60U-IT sensor is low. Change the batteries immediately.

Note: The LED turns ON briefly after changing batteries. However, the LED turns OFF if there is no Weather Direct® Gateway connected. The previously stored information in the TX60U-IT sensor will not be affected or cancelled while you change the batteries.

MOUNTING

THE TX60U-IT TEMPERATURE & HUMIDITY SENSOR

The TX60U-IT sensor can be mounted onto a wall with the use of screws

MOUNTING WITH SCREWS

1. Remove the mounting bracket from the TX60U-IT sensor.
2. Place the mounting bracket over the desired location.
3. Mark the mounting surface with a pencil through the two screw holes of the bracket.
4. Screw the mounting bracket onto the mounting surface. Ensure that the screws are tight against the bracket.
5. Insert the TX60U-IT sensor into the bracket.

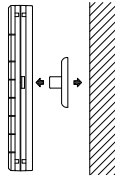
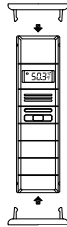


TABLE STANDING AND OTHER MOUNTING OPTIONS

With the mounting bracket installed at the bottom or on the top of the TX60U-IT sensor, the user can place it on any flat surface.

Note:

Before permanently fixing the TX60U-IT sensor wall base, place all units in the desired locations to check that the outdoor temperature & humidity readings are receivable. In event that the signal is not received, relocate the TX60U-IT 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 the sensor case in water.
- Avoid kinking the temperature probe cable.
- 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

Data measuring range:	
The device sensor:	
Temperature range:	-40 °F to 140°F with 0.2°F resolution "OFL" displayed if outside this range.
Humidity measuring range:	3% to 99%
Transmission range:	200 feet (60.96 m) in open space
The probe sensor:	
Temperature range:	-40 °F to 140°F with 0.2°F resolution "OFL" displayed if outside this range, and displayed "nC" if no connection.
Power Supply:	
Temperature transmitter:	2 x AAA, IEC LR03, 1.5V
Battery life cycle:	Approximately 24 months
Recommended battery type:	Alkaline
Dimensions (L x W x H):	1.44" x 0.76" x 5.23"

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 not 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 ®, Ltd
2817 Losey Blvd. South
La Crosse, WI 54601

www.weatherdirect.com/help/

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.

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

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