LA CROSSE®
TECHNOLOGY

INTRODUCTION: When connected to a La Crosse Alerts™ TX70U-IT water detector with temperature and humidity, this 6 ft. water sensor cable detects wet (H2O) and dry (DRY) conditions and sends you early warning text and e-mails to help you prevent damage from water leaks. * Prevent property damage to your home, business or vacation rentals caused by faulty pipes, hoses, sinks, sumps & mold. * Monitor the kitchen, bath, basement, and laundry or pool room. *

REPLACEMENT WATER SENSOR ON 6 FT CABLE
- Works with existing La Crosse Alerts™ TX70U-IT water detector with temperature and humidity
- Water Detector (Channel 2): *Use the optional 6 Ft. detachable H2O sensor to measure water.
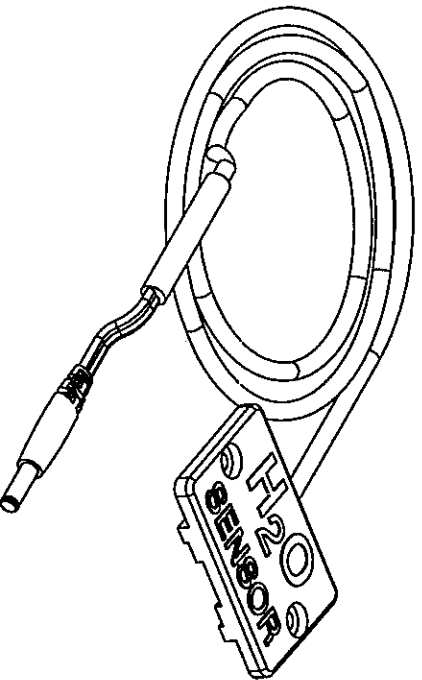
FEATURES
- H2O sensor on detachable 6 ft. cable senses wet (H2O) and dry (DRY) conditions
- Connects to an existing La Crosse Alerts™ TX70U-IT water detector with temperature and humidity sensor and your existing Gateway and router to upload measurements to lacrossealerts.com for remote monitoring and alerts.*(TX70U-IT, Internet Gateway, AC adapter and LAN cable, Internet and network router required, not included).

MONITORING OPTIONS
Note: **The optional H2O sensor is designed to* measure water (attach to or set on the wall or floor).
- Kitchens, baths, laundry & pool rooms
- Utility sinks, sumps & water heaters
- Home, business, rentals and vacation homes
- Basements, garages & attics
- Near aquariums and terrariums
- Greenhouses & farms

PACKAGE CONTENTS
1. 6 ft. detachable H2O sensor cable that detects wet (H2O) and dry (DRY) conditions
2. Instruction manual

ADDITIONAL EQUIPMENT (NOT INCLUDED)
- TX70U-IT Wireless water detector with temperature and humidity
- Mounting hardware
- Two fresh AAA, IEC LR03, 1.5V Alkaline batteries
- Two-sided tape as needed
- Internet Gateway, AC adapter and LAN cable
- Browser with high speed Internet
- Network router

*Disclaimers: La Crosse Technology, LTD. ("La Crosse") provides various alert and monitoring services to aid users.
(1) Service providers may charge users for alert services. Standard messaging and data rates apply and will be billed to the customer's wireless account. Customers may be unable to receive text messaging or data service in some areas due to unavailability of service.
(2) La Crosse shall not be liable for accuracy, usefulness or availability of data transmitted via the service. Users are solely responsible for damages to persons or property by service use.

INITIAL SETUP
1. Insert the H2O sensor cord into your existing TX70U-IT water detector (not included).
2. The LCD will toggle between temperature/humidity on channel 1 and H2O/Dry on channel 2.
3. Place H2O sensor on the floor (circuit board down). THAT'S IT!

- The TX70U-IT sends the temperature/humidity measurements and the wet (H2O) or dry (DRY) measurements from the H2O sensor to your existing La Crosse Alerts™ Gateway (not included).
- Once set up, you can login to your La Crosse Alerts™ account and view your temperature, humidity and H2O sensor with an Internet-connected mobile device, tablet or computer with a web browser.*
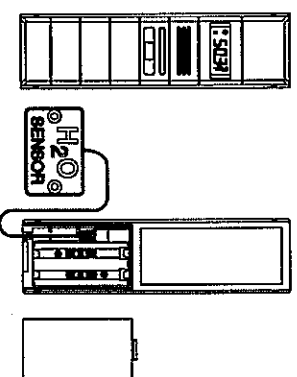
Water damage can originate in almost any room: frozen pipes, broken pipes, broken dishwasher hose or leakage, washing machine overflow, clogged toilet, leaking roof, basement leaks, foundation cracks, plumbing leaks, pool and spa overflow, sump pump

overflow and leaks from bad weather such as snow, rain or floods.*

The good news is that water damage is a costly problem that you can prevent: Simply add the replacement H2O sensor on 6 ft. cable to your existing TX70U-IT water detector, gateway and router system to enable remote monitoring with text and e-mail alerts from anywhere with Internet access.*

Place the H2O sensor on the floor to activate the wireless alert system when it becomes wet.* Alerts are sent when water is detected and when the batteries are low or the connection is lost, saving you from having to stop and check.*

MEASUREMENT LOG DOWNLOAD

Once the sensor is activated and building a measurement log, you can download the data as a comma separated values (CSV) file. You must use an application such as Microsoft Excel® or Google Docs® that supports comma separated values (CSV) formatted files to view the table data.

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MOUNT THE TX70U-IT WATER DETECTOR
Select a location...

- In an area protected from water. The water detector is water resistant not water proof.
- Within range of the wireless gateway (see "IMPORTANT SETUP & OPERATION NOTES").
- IMPORTANT! TEST the water detector in the selected mounting location for 1 hour before permanently mounting.
- Check signal reception to the wireless gateway.

Note:
- The water detector can be used without the detachable H2O sensor for ambient temperature/humidity readings.
- The water detector and H2O sensor can be used as a stand-alone product (No La Crosse Alerts™ activation required). Simply place H2O sensor on the floor or wall where you choose to monitor water and secure the water detector in an area that is protected from water. It is water resistant but not waterproof.

- Then view the temperature/humidity and H2O/Dry readings on the LCD.
  Note: If you use as a standalone sensor, you will not receive alerts.

PLACEMENT OF THE H2O SENSOR

The H2O sensor should be placed on the dry floor or against the wall near your foundation, water heater, sump, plumbing, washer aquarium, or dish washer etc. to monitor for leaks.

- FLOOR: Place the H2O sensor (circuit board down) on the dry floor within range of the water detector with temperature/humidity that is mounted on the wall or standing on a table.
 Note: The water detector will sit 1/8 inch from the floor in this position.
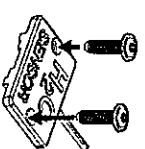
- WALL: Place the H2O sensor against the wall with the edge touching the floor within range of the water detector with temperature/humidity that is mounted on the wall or standing on a table.

- The H2O sensor can be secured to the floor or wall with the included screws and anchors or with two-sided tape.

- Secure the six foot H2O sensor cord to avoid tripping hazards.

- Extra sensor cord should be tightly coiled and secured with a twist tie.

- Routine cleaning of the H2O sensor may be required.

CLEANING THE WATER SENSOR
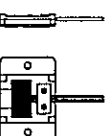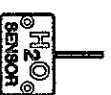
Use clean water and a soft cloth to clean dirt and debris from the circuit board of the H2O sensor.

Note: When using two-sided tape, replace the tape after cleaning the H2O sensor to maintain adhesiveness.

MOUNTING WATER DETECTOR

1. Remove the mounting bracket from the water detector.
2. Place the mounting bracket over the desired location.
3. Mark mounting surface with a pencil through the 2 holes of the bracket.
4. Screw mounting bracket onto surface and tighten screws to bracket.
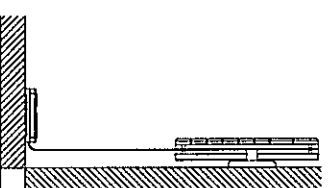5. Insert the water detector into the bracket.

TABLE STAND AND OTHER MOUNTING OPTIONS

With the mounting bracket installed at the bottom or on the top of the water detector, place it on any flat surface.

Note: Before permanently fixing the water detector mounting bracket, place all units in the desired locations to check that the temperature & humidity readings are receivable to the wireless gateway. In event that the signal is not received, relocate the water detector or move it slightly as this may help the signal reception.

IMPORTANT SETUP & OPERATION NOTES

- The water detector case 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 water detector but direct rain must be avoided.
- **Note:** Exposing the water detector case to extreme humidity may temporarily disrupt data. The water detector case reads humidity, but should not be submerged in water. **Attach a 6 ft. H2O sensor to measure water on a floor.
- The H2O sensor is not for use in a pool or hot tub where chemicals may cause malfunction.
- The water detector 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, etc.) will effectively cut signal range in half.

Metal, 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 reduced due to their tendency to absorb or reflect a much larger portion of the water detector's signal.

- The water detector measures and updates the temperature and humidity on the LCD every 6 seconds. **Note:** The new measurement is reported to your account at intervals that you select using your online account.

BATTERY REPLACEMENT

1. Remove the battery cover by sliding the cover down.
2. Observing the correct polarity install 2 AAA batteries. The batteries will fit tightly (to avoid start-up problems make sure they do not spring free).
3. Do not mix old and new batteries.
4. Do not mix alkaline, lithium, standard or rechargeable batteries.
5. Replace the battery cover by sliding upwards and check it is secure.

LOW BATTERY INDICATOR

- When batteries are low, the low battery indicator shows up on the LCD.
- You will receive an e-mail or mobile text message alert when the battery power of the sensor is low. Change the batteries immediately.

Note: The LED light turns ON briefly after changing batteries. The LED light turns OFF when not needed to save battery power. The previously stored information in the sensor will not be affected or cancelled while you change the batteries.

MAINTENANCE AND CARE

- Avoid extreme temperatures, vibration, and shock to prevent damage.
- Clean water detector and H2O sensor with a soft, damp cloth. Do not use solvents or scouring agents.
- Do not submerge the water detector case in water.
- Avoid kinking the H2O sensor cable.
- Secure the six foot cord to avoid tripping hazards.
- 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

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

**Optional water sensor:	
Channel 2	6 ft. detachable water sensor cable that detects wet (H2O) and dry (DRY) conditions Displays last reading if probe is not connected.

Power Supply:	
Temperature transmitter :	2 x AAA, IEC LR03, 1.5V
Battery life cycle:	Approximately 24 months
Recommended battery type:	Alkaline
Dimensions (H x W x D):	5.23" x 0.76" x 1.44"

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

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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, please contact:

La Crosse Technology, Ltd
2817 Losey Blvd. S.
La Crosse, WI 54601

Account creation and product activation, add an additional sensor at:

www.lacrossealerts.com

Contact support if you lost the Activation Key Card:
www.lacrossetechnology.com/support/alerts
Phone: (608) 785-7920

For online product information:
www.lacrossetechnology.com/alerts

Protected under U.S. Patents:
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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.

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