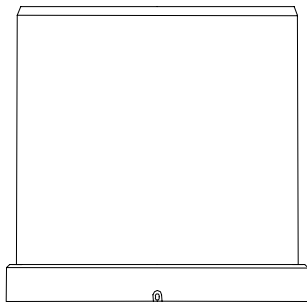


TX10U Rain Sensor

The TX10U rain sensor is used in conjunction with the TX15U wind sensor and TX8U temperature/ humidity sensor to gather and transmit information to the wireless weather station. The TX15U wind sensor measures the wind speed and direction and sends the information to the TX8U temperature/ humidity sensor. This sensor then transmits all outdoor weather information from the three outdoor sensors to the display indoors.

INVENTORY OF CONTENTS

1. TX10U rain sensor
2. Mounting hardware
3. Instruction manual and warranty card



SETTING UP

BATTERY INSTALLATION

The first step to powering up the weather station is to insert the connector (RJ11) at the end of the wire attached to the wind speed sensor to the remote temperature/humidity sensor. Please ensure when doing this that the connector is inserted with the proper orientation. When seated properly you will hear the connector 'click' in place.

A. REMOTE TEMPERATURE/HUMIDITY

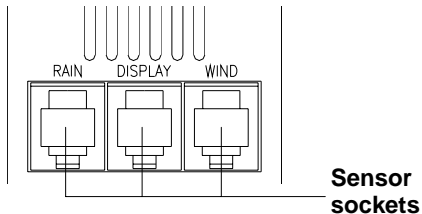
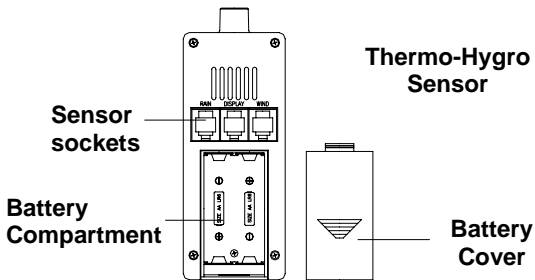
1. Remove the mounting bracket and humidity hood.
2. Remove the battery cover by sliding the cover down.
3. Observing the correct polarity install 2 AA batteries.
The batteries will fit tightly (to avoid start-up problems make sure they do not spring free).
4. Replace the battery cover by sliding upwards. Be sure battery cover is on securely.
5. Replace the humidity hood.

B. INDOOR WEATHER STATION

1. Remove the battery cover. To do this, insert a solid object in the space provided at the lower-central position of the battery cover, then push up and pull out on the battery cover.
2. Observe the correct polarity, and install 3 AA batteries.
3. Replace the battery cover.

C. RAINFALL SENSOR (optional)

The optional Rain Sensor does not need batteries to operate. Simply insert the telephone plug (RJ-11) of the rain sensor into the receptacle on the remote temperature/humidity sensor.



Important: To avoid operating problems, please take note of battery polarity if inserting any batteries. Also do not

press any buttons after start up until all sensor information has been displayed and the radio controlled time has set. Doing so may interrupt communication between the sensors and display or interrupt the WWVB time reception.

- 1) Pull away the rain cover of the thermo-hygro sensor to reveal the three sockets (for the wind sensor, rain sensor and the base station)
- 2) Connect the attached cables of wind and rain sensors to the corresponding sockets of the thermo-hygro sensor by clicking them into place
- 3) Open the battery cover of the thermo-hygro sensor located below the three sockets and insert 2 x AA, IEC LR6, 1.5V batteries and close the cover
- 4) Open the base station's battery cover located at the back of the unit and insert 3 x AA, IEC LR6, 1.5V batteries into the battery compartment and close the battery cover

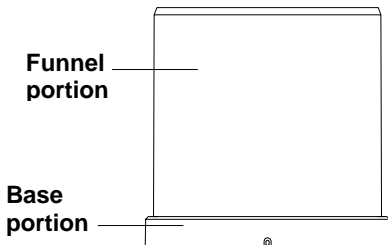
Every time the thermo-hygro sensor is powered up (for example after a change of batteries), a random security code is transmitted and this code must be synchronized with the base station to receive weather data.

NOTE FOR WWVB RADIO CONTROLLED TIME:

The time and date display is based on the signal provided by the highly accurate government operated atomic clock in Ft. Collins, Colorado. This radio-controlled clock does not only provide for the weather station's time and date display but also functions as the time and date

source for all of this weather station's memory values using time and date information.

MOUNTING THE RAIN SENSOR



For accurate results, the rain sensor should be securely mounted onto a horizontal surface about 2-3ft above the ground and in an open area away from trees or other coverings where rainfall may be reduced causing inaccurate readings.

When securing into place, check that rain excess will not collect and store at the base of the unit but can flow out between the base and the mounting surface (test by pouring clean water).

After mounting the rain sensor, connect the cable to the thermo-hygro sensor at the corresponding socket so power supply can be received and data be transmitted to the base station

The rain sensor is now operable. For testing purposes, very slowly pour a small amount of clean water into the rain sensor funnel. The water will act as rainfall and will be received and displayed at the base

station after about 2 minutes delay i.e. when the reading interval is reached.

MAINTENANCE AND CARE

1. Extreme temperatures, vibrations, and shock should be avoided to prevent damage to the units
2. Clean displays and units with a soft, damp cloth. Do not use solvents or scouring agents, they may mark the displays and casings
3. Do not submerge in water.
4. Do not subject the units to unnecessary heat or cold by placing them in the oven or freezer.
5. Opening the casings invalidates the warranty. Do not try to repair the unit. Contact La Crosse Technology for repairs.

SPECIFICATIONS

Resolution	.01 in
Cable Length	32 feet
Power source	Supplied from temperature/humidity sensor
Dimensions	5.51" x 2.75" x 5.39"

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 of 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 reasonable return shipping charges to the owner of the product.

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
190 Main Street
La Crescent, MN 55947
Phone: 507.895.7095
Fax: 507.895.2820

e-mail:

support@lacrossetechnology.com (warranty work)

sales@lacrossetechnology.com (information on other products)

web:

www.lacrossetechnology.com

All rights reserved. This handbook must not be reproduced in any form, even in excerpts, or duplicated or processed using electronic, mechanical or chemical procedures without written permission of the publisher.

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. All trademarks and patents are acknowledged.