

WS-7032U
Wireless 433 MHz
Miniature Weather Station

Instruction Manual

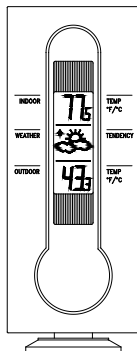


TABLE OF CONTENTS

Topic	Page
Inventory of Contents/Additional Equipment	3
Quick set-up guide	3
Battery installation	4
Features:	6
Indoor temperature	6
Weather Forecast icons & tendency arrows	6
Outdoor temperature	8
Mounting	9
Troubleshooting	11
Maintenance and Care instructions	11
Specifications	12
Warranty	13

INVENTORY OF CONTENTS

1. WS-7032U—Weather Station.
2. TX6U—Remote Temperature Transmitter.
3. Three each, ½" Philips screws.
4. Instruction manual & Warranty card.

ADDITIONAL EQUIPMENT

1. Two fresh AAA 1.5V batteries (for weather station).
2. Two fresh AA 1.5V batteries (for remote transmitter)
3. One Philips screwdriver.

QUICK SET-UP GUIDE

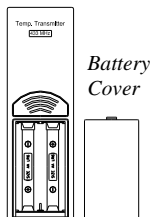
1. Insert two AA batteries into sensor.
2. Insert two AAA batteries into station.
3. Wait 10 minutes to ensure transmission reception.
4. Mount units in desired locations.
Do Not Mix Old and New Batteries
Do Not Mix Alkaline, Standard, or Rechargeable Batteries

DETAILED SET-UP GUIDE

I. BATTERY INSTALLATION

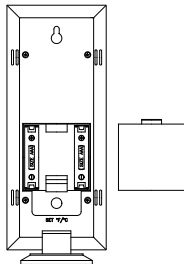
A. REMOTE TEMPERATURE TRANSMITTER

1. Remove the battery cover. Place your thumb over the two air-vent slots on the face of the Remote Temperature Transmitter, push down gently, slide battery cover down and off.
2. Observing the correct polarity, install 2 AA batteries. The batteries will fit tightly (to avoid start-up problems make sure that they do not spring free during installation).
3. Replace the battery cover.



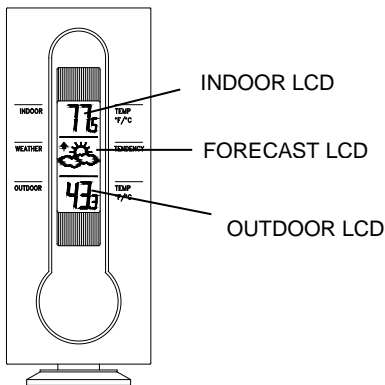
B. WEATHER TEMPERATURE STATION

1. Remove the battery cover. Pull up and out from the slot located in the central position of the battery cover.
2. Observing the correct polarity, install 2 AAA batteries.
3. The batteries will fit tightly (to avoid start-up problems make sure that they do not spring free during installation).
4. Replace the battery cover.
5. To switch between °F and °C, press the °F/°C button on the back of the unit.



Note: After the batteries have been installed into the Weather Temperature Station the LCD segments should light up. Within 3 minutes, the Outdoor Temperature should be displayed in the OUTDOOR LCD. If any of this does not occur, remove all batteries and install them again—carefully observing the polarity.

FEATURES



I. INDOOR TEMPERATURE

The Weather Temperature Station monitors the temperature within its immediate proximity, and displays this temperature (°F or °C) in the INDOOR LCD. The temperature is monitored as soon as the batteries are installed.

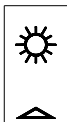
II. WEATHER FORECAST

The weather forecasting feature is estimated to be 75% accurate. The weather forecast is based solely upon the change of air pressure over time. The WS-7032U averages past air-pressure readings to provide an

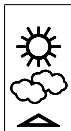
accurate forecast—causing a necessity to disregard all weather forecasting for 48-60 hours after the unit has been set-up, reset, or moved from one altitude to another (i.e. from one floor of a building to another). In areas where the weather is not affected by the change of air pressure, this feature will be less accurate.

A. WEATHER ICONS

There are 3 possible weather icons that will be displayed in the FORECAST LCD:



Sunny—indicates that the weather is expected to improve (not that the weather will be sunny).



Sun with Clouds—indicates that the weather is expected to be fair (not that the weather will be sunny with clouds).



Clouds with Rain—indicates that the weather is expected to get worse (not that the weather will be rainy).

The weather icons change when the unit detects a change in air pressure. The icons change in order from: “sunny” to “sun with clouds” to “clouds with

rain,” or the reverse. It will not change from “sunny” directly to “rainy,” although it is possible for the change to occur quickly. If the symbols do not change then the weather has not changed, or the change has been too slow and gradual to register.

B. WEATHER TENDENCY ARROWS

Other possible displays in the FORECAST LCD are 2 weather tendency arrows, one that points up (under the forecast icons) and one that points down (above the forecast icons). These arrows reflect current changes in the air pressure. An arrow pointing up indicates that the air pressure is increasing and the weather is expected to improve or remain good, an arrow pointing down indicates that the air pressure is decreasing and the weather is expected to become worse or remain poor. No arrow means the pressure is stable.

II. OUTDOOR TEMPERATURE

The Weather Temperature Station receives the outdoor temperature (°F or °C) from the Remote Temperature Transmitter, and the temperature appears in the OUTDOOR LCD. The Remote Temperature Transmitter makes a temperature update every 1 minute, and transmits a new temperature to the Weather Temperature Station 3 times every 10 minutes.

MOUNTING

Note: *Extreme and sudden changes in temperature will decrease the accuracy of the Weather Temperature Station, and changes in elevation will result with inaccurate weather forecasting for the next 48 hours. These changes will require a 48 hour wait before obtaining reliable data. To achieve a true temperature reading, avoid mounting where direct sunlight can reach the Remote Temperature Transmitter. We recommend that you mount the Remote Temperature Transmitter on a North-facing wall. The sending range is 80ft (25m)—obstacles such as walls, concrete, and large metal objects can reduce the range. Place both units in their desired location, and wait approximately 10 minutes before permanently mounting to ensure that there is proper reception. The Weather Temperature Station should display a temperature in the OUTDOOR LCD within 3 minutes of setting-up.*

I. THE REMOTE TEMPERATURE TRANSMITTER

A. MOUNTING WITH SCREWS

1. Remove the mounting bracket from the Remote Temperature Transmitter. The bracket should snap off easily.
2. Place the mounting bracket over the desired location. Through the three screw holes of the bracket, mark the mounting surface with a pencil.

3. Where marked, start the screw holes into the mounting surface.
4. Screw mounting bracket onto the mounting surface. Ensure that the screws are flush with the bracket.
5. Snap the Remote Temperature Transmitter onto the mounted bracket.

II. THE WEATHER STATION

The Weather Station can be mounted on the wall with the use of a wall hanging screw (not included).

A. WALL MOUNTING

1. Place a screw (not included) into an appropriate wall, leaving approximately 3/16 of an inch (5mm) extended from the wall.
2. Place the Weather Station onto the screw using the hanging hole on the backside. Gently pull the Station down to lock the screw into place.

BATTERY CHANGE



Replace the batteries in all units regularly to ensure optimum accuracy of these units (Battery life See **Specifications** below).

- Do Not Mix Old and New Batteries
- Do Not Mix Alkaline, Standard, or Rechargeable Batteries

TROUBLESHOOTING

Problem: No outdoor temperature is displayed.

Solution: 1) Remove all batteries—wait 15 minutes—then reinsert into transmitter first, then into the station.
2) Place transmitter closer to station.
3) Be sure there are no obstructing objects.
4) Be sure all batteries are fresh.

Problem: The LCD screens are faint/dim.

Solution: Replace batteries.

Problem: °C is displayed instead of °F (or reverse)

Solution: Press the °F/°C button on back of station.

Note: *For problems not solved, please contact La Crosse Technology.*

MAINTENANCE AND CARE INSTRUCTIONS

- Extreme and sudden temperature changes, 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

Temperature measuring range	
Indoor:	32°F to 104°F with 0.2°F resolution: (0°C to 40°C with 0.1°C resolution). "OFL" displayed if outside this range.
Outdoor:	-21.9°F to 157.9°F with 0.2°F resolution: (-29.9°C to 69.9°C with 0.1°C resolution). "OFL" displayed if outside this range.
Temperature checking intervals	
Indoor:	Every 10 seconds.
Outdoor:	3 times every 10 minutes.
Transmitting frequency:	433.92 MHz
Temperature transmitting range:	Maximum 80ft (25m): in open space and free from interference.
Power Source	
Weather Station:	2 x AAA, 1.5V (IEC LR3)
Transmitter:	2 x AA, 1.5V (IEC LR6)
Dimensions (L x W x H)	
Weather Station:	2.95" x 0.83" x 7.28" (75 x 21 x 185 mm)
Transmitter:	1.57" x 0.9" x 5.04" (40 x 23 x 128 mm)

III. 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.

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

2817 Losey Blvd. S.

La Crosse, WI 54601

Customer support :

www.lacrossetechnology.com/support

www.lacrossetechnology.com/7032

Contact Support: 1-608-782-1610

Product Registration:

www.lacrossetechnology.com/support/register.php

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FCC DISCLAIMER

RF Exposure mobile:

The internal / external antennas used for this mobile transmitter must provide a separation distance of at least 20 cm (8 inches) from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

Statement according to FCC part 15.19:

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

Statement according to FCC part 15.21:

Modifications not expressly approved by this company could void the user's authority to operate the equipment.

Statement according to FCC part 15.105:

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.