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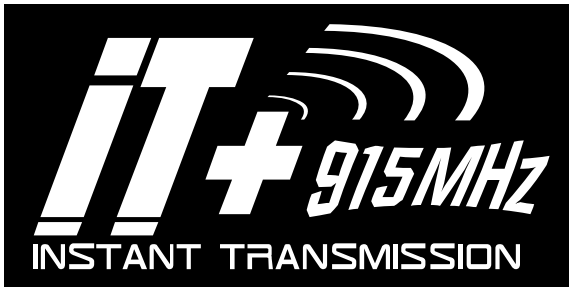
WIRELESS 915 MHz TEMPERATURE STATION
Instruction Manual

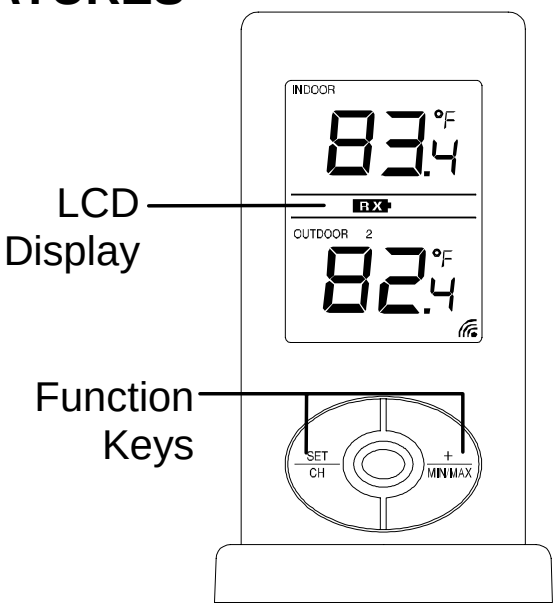
INTRODUCTION
Congratulations on purchasing this compact 915MHz Temperature Station which displays indoor and outdoor temperature readings. With two easy to use keys, this product is ideal for use in the home or office.

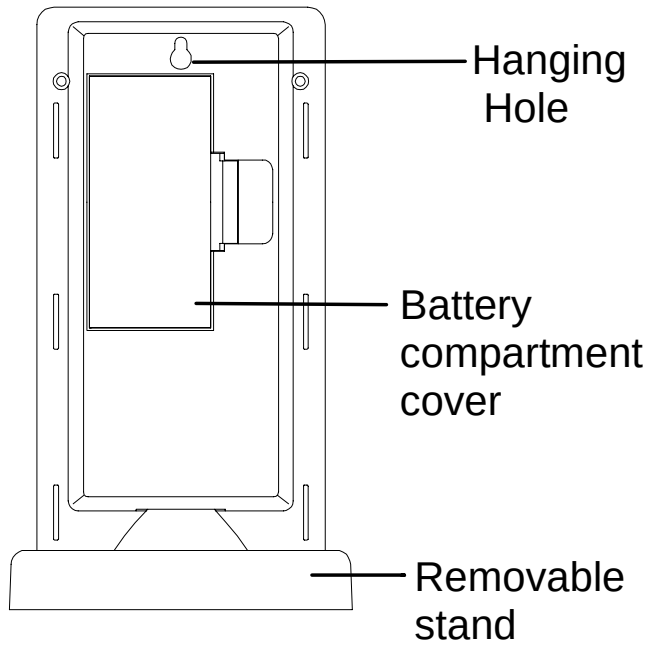
This product offers:



INSTANT TRANSMISSION **is the state-of-the-art new wireless transmission technology, exclusively designed and developed by LA CROSSE TECHNOLOGY.** ***INSTANT TRANSMISSION*** **offers you an immediate update (every 16 seconds!) of all your outdoor data measured from the transmitters: follow your climatic variations in real-time!**

FEATURES

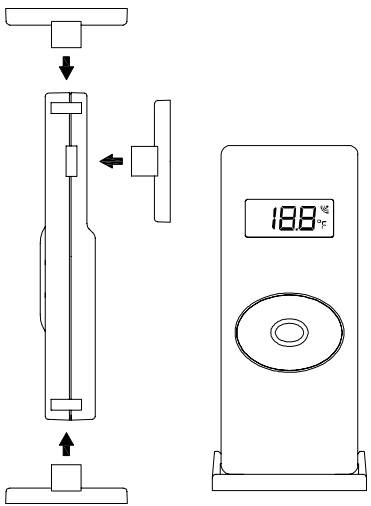

LCD
Display
Function
Keys
INDOOR
83.4 °F
RX
OUTDOOR 2
82.4 °F
SET
CH
+
MIN/MAX


Hanging
Hole
Battery
compartment
cover
Removable
stand

The Temperature Station

- Indoor and outdoor temperature reading in Fahrenheit (°F) or Celsius (°C)
- Can receive up to three outdoor sensors
- Wireless transmission at 915 MHz
- Signal reception intervals at 16 seconds
- Minimum and Maximum records of indoor and outdoor temperature
- Low battery indicator
- Wall hanging or free standing (removable table stand included)

The Outdoor Temperature Sensor



- Remote transmission of outdoor temperature to Temperature Station by 915 MHz transmission
- Water resistant casing
- Wall hanging or free standing

SETTING UP:

When one sensor is used

1. First, insert the batteries to the sensor (see “**How to install and replace batteries in the temperature sensor**” below).
2. Within 30 seconds of powering up the sensor, insert the batteries to the Temperature Station (see “**How to install and replace batteries in the Temperature Station**” below). Once the batteries are in place, all segments of the LCD will light up briefly. Following the indoor temperature will be displayed. If this is not shown in LCD after 60 seconds, remove the batteries and wait for at least 60 seconds before reinserting them. Once the indoor data

is displayed user may proceed to the next step.

3. After the batteries are inserted, the Temperature Station will start receiving data signal from the sensor. The outdoor temperature should then be displayed on the Temperature Station. If this does not happen after 2 minutes, the batteries will need to be removed from both units and reset from step 1.
4. In order to ensure sufficient 915 MHz transmission however, there should be a distance of no more than 330 feet between the final position of the Temperature Station and the sensor (see notes on "**Positioning**" and "**915 MHz Reception**").

Using Multiple Sensors with One Temperature Station

1. User shall remove all the batteries from the Temperature Station and sensors and wait 60 seconds if setting has been done with one sensor before.
2. Insert the batteries to the first sensor.
3. Within 30 seconds of powering up the first sensor, insert the batteries to the Temperature Station. Once the batteries are in place, all segments of the LCD will light up briefly. Following the indoor temperature will be displayed. If this is not shown in LCD after 60 seconds, remove the batteries and wait for at least 60 seconds before reinserting them.

4. The outdoor temperature from the first sensor (channel 1) should then be displayed on the Temperature Station. Also, the signal reception icon will be displayed. If this does not happen after 2 minutes, the batteries will need to be removed from both units and reset from step 1.
5. Insert the batteries to the second sensor immediate after (**within 10 seconds**) inserting battery to the temperature station.
6. The outdoor temperature from the second sensor and the "channel 2" icon should then be displayed on the Temperature Station. If this does not happen after 2 minutes, the batteries will need to be removed from all the units and reset from step 1.

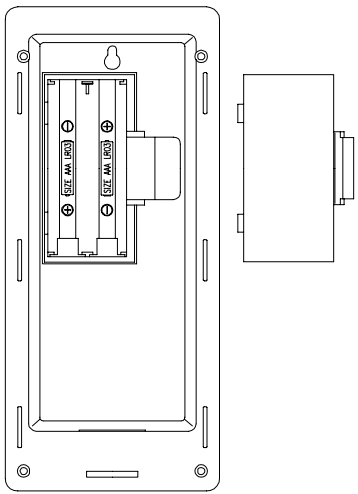
7. Insert the batteries to the third sensor immediate after (**in 10 seconds after**) inserting battery to the second sensor.
8. Then within 2 minutes, the channel 3 outdoor data from the third sensor will be displayed and the channel icon will shift back to "1" once the third sensor is successfully received. If this is not happen, user shall restart the setting up from step 1.
9. In order to ensure sufficient 915 MHz transmission there should be no more than 330 feet (100 meters) between the final position of the Temperature Station and the sensor (see notes on "**Positioning**" and "**915 MHz Reception**").

Note:

After the three sensors have been set up, user may need to check the readings displayed on the temperature station against those being shown on the sensor displays, in order to recognize on which channel each sensor is being presented.

IMPORTANT:
Transmission problems will arise if the setting for additional sensors is not followed as described above. Should transmission problems occur, it is necessary to remove the batteries from all units and start again the set-up from step 1.

HOW TO INSTALL AND REPLACE BATTERIES IN THE TEMPERATURE STATION

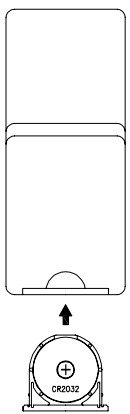


The Temperature Station uses 2 x AAA, Alkaline batteries. When batteries will need to be replaced, the low battery icon will appear on the LCD. To install and replace the batteries, please follow the steps below:

1. Lift up the battery compartment cover.
2. Insert batteries observing the correct polarity (see marking).
3. Replace compartment cover.

HOW TO INSTALL AND REPLACE BATTERIES IN THE TEMPERATURE SENSOR

The temperature sensor uses 1 x CR2032, 3.0V battery. When battery needs to be replaced, the low battery icon will appear on the LCD of the Temperature Station-or replace battery every 12 months. To install and replace the batteries, please follow the steps below:



1. Pull out the battery holder at the bottom of the sensor.
2. Insert the batteries, observing the correct polarity (see marking).
3. Replace the battery holder on the unit.

Note:
In the event of changing batteries in any of the units, **all** units need to be reset by following the setup procedures. This is because a random security code is assigned by the sensor at start-up and this code must be received and stored by the Temperature Station in the first few minutes of power supplying.

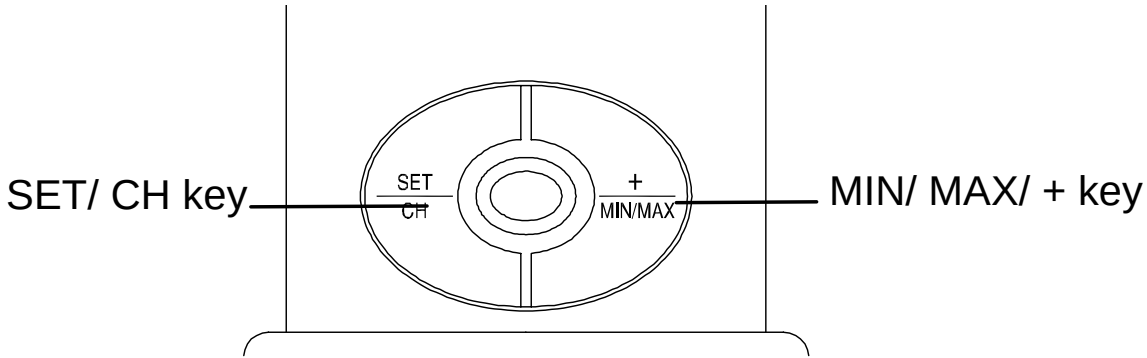
BATTERY CHANGE:

It is recommended to replace the batteries in all units regularly to ensure optimum accuracy of these units. (Battery life - see **Specifications**)

Please participate in the preservation of the environment. Return used batteries to an authorized depot.

FUNCTION KEYS

Temperature Station:
The Temperature Station has two easy to use function keys.



SET/CH key (Setting/Channel)

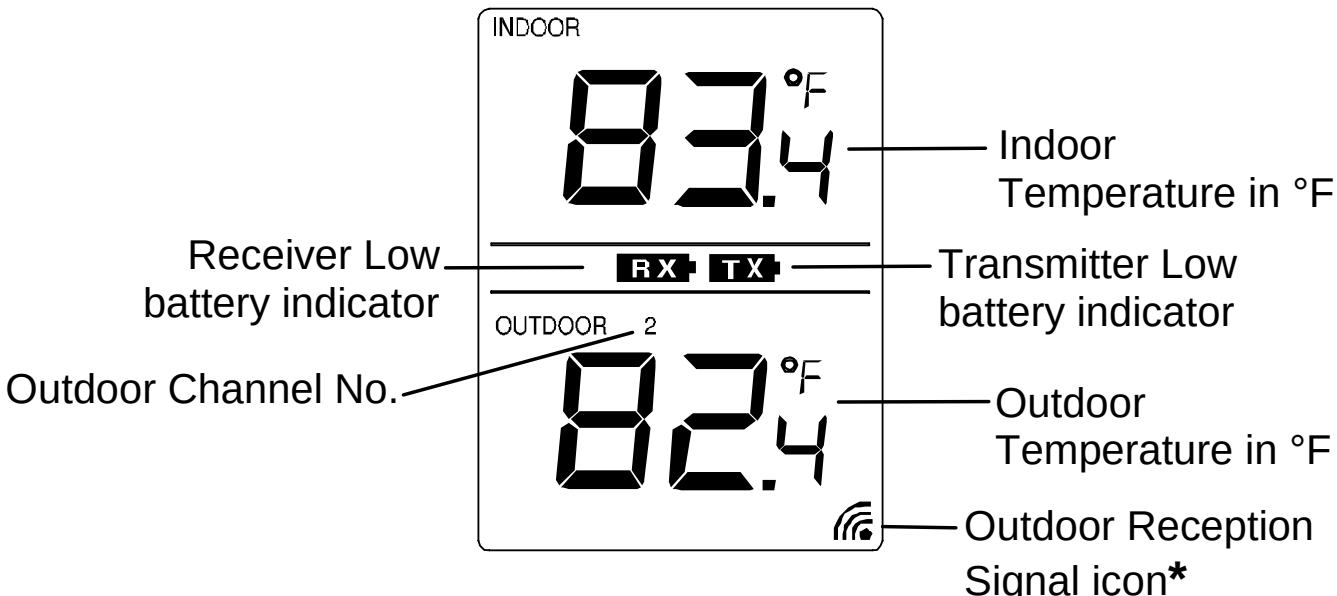
- Press and hold for about 3 seconds to toggle between the temperature units (˚F) or (˚C).

- Press shortly to toggle between different channel readings.

MIN/MAX/+ key (Min/ Max temperature)

- Use to toggle between the minimum and maximum recorded readings of indoor & outdoor temperature.
- Press and hold to reset minimum and maximum record (when min or max record is shown).

LCD SCREEN AND SETTINGS:



***** When the signal from the sensor is successfully received by the Temperature Station, this icon will be switched on. (If not successful, the icon will not be shown on the LCD). User can therefore easily see whether the last reception was successful (“ON” icon) or not (“OFF” icon). On the other hand, the short blinking of the icon shows that a reception is being done at that time.

For a better display clarity, the LCD screen is split into 2 sections, showing the indoor and outdoor temperatures.

Section 1 - INDOOR TEMPERATURE

- Display of indoor temperature.

Section 2 - OUTDOOR TEMPERATURE

- Display of outdoor temperature.

MANUAL SETTING:

TEMPERATURE UNIT (˚F) OR (˚C)

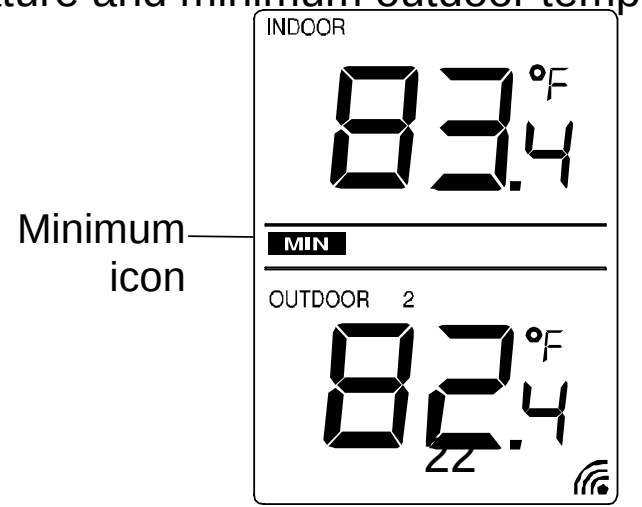
- User may choose to display the temperature readings in the unit of degree Fahrenheit (°F) or Celsius (°C).

By pressing and holding the SET/CH key for about 3 seconds, the temperature unit of the displayed readings will shift between (˚F) and (˚C).

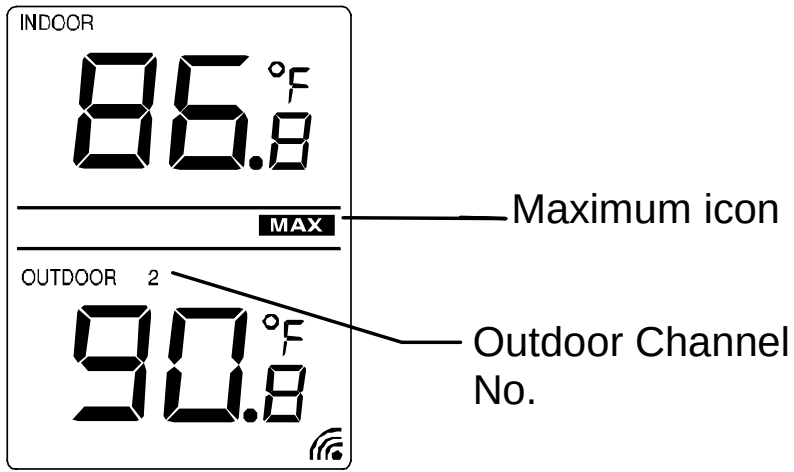
VIEWING THE MINIMUM AND MAXIMUM READINGS:

User may consult the minimum and maximum recordings for indoor temperature, and outdoor temperature by following these steps:

1. Press the “MIN/MAX/+” key once to view the minimum indoor temperature and minimum outdoor temperature.



2. Press the “MIN/MAX/+” key once more to view the maximum indoor temperature and maximum outdoor temperature.



RESETTING THE MINIMUM AND MAXIMUM READINGS:

User may reset the minimum and maximum temperature data to the current value by the following steps:

1. Press the “MIN/MAX/+” key once to display the minimum data.
2. Press and hold the “MIN/MAX/+” key for about 3 seconds to reset all the minimum / maximum data to the current values in a single action.
3. Data of all outdoor and indoor sensors will be reset at the same time.

TEMPERATURE SENSOR:
The outdoor temperature is measured and transmitted to the Temperature Station approximately every 16 seconds.
The range of the temperature sensor may be affected by the temperature. Cold temperatures may decrease the transmitting distance. Please bear this in mind when placing the sensor.

915 MHz RECEPTION CHECK

The Temperature Station should receive the outdoor temperature data within a few minutes after setup. If the temperature data are not received about 3 minutes after setup (the signal reception icon does not appear), or in normal display "---" is shown, please check the following points:

1. The distance of the Temperature Station or sensor should be at least 5 to 6.5 feet (1.5 to 2 meters) away from any interfering sources such as computer monitors or TV sets.
2. Avoid positioning the Temperature Station onto or in the immediate proximity of metal window frames.
3. Using other electrical products such as headphones or speakers operating on the same signal frequency (915MHz) may prevent correct signal transmission and reception.
4. Neighbors using electrical devices operating on the 915MHz signal frequency can also cause interference.

Note:

If the signal reception is not successful on the first frequency (915MHz)

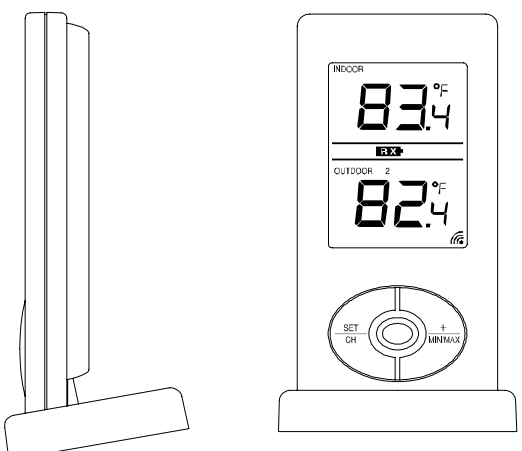
for 45 seconds, the frequency is changed to 920MHz and the learning is tried another 45 seconds. If still not successful the reception is tried for 45 seconds on 910MHz. This will also be done for re-synchronization.

When the 915MHz signal is received correctly, do not re-open the battery cover of either the sensor or the Temperature Station, as the batteries may spring free from the contacts and force a false reset. If this happens accidentally, all units must be reset (see **Setting up** above) otherwise transmission problems may occur.
The transmission range is about 330 ft. (100 m) from the sensor to the Temperature Station (in open space). However, this depends on the surrounding environment and interference levels. If no reception is

possible despite the observation of these factors, all system units have to be reset (see **Setting up above**).

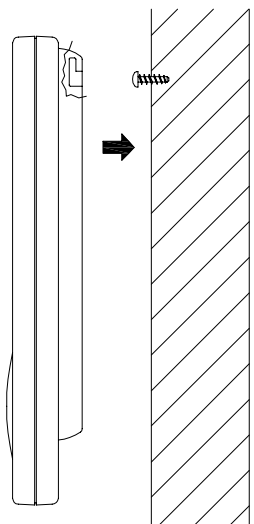
POSITIONING

POSITIONING THE TEMPERATURE STATION:



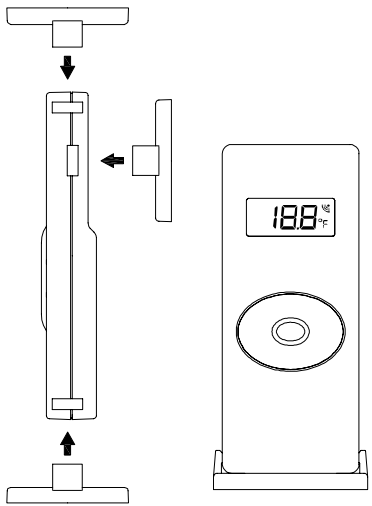
The Temperature Station comes attached with a table stand, which provides the option of table standing the unit in addition to wall mounting. Before wall mounting, please check that the outdoor temperature values can be received from the desired locations.

To wall mount:



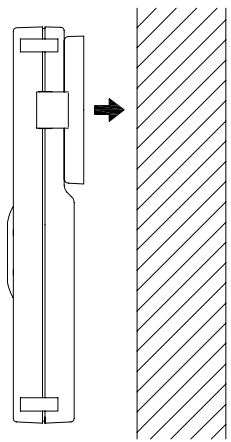
1. Fix a screw (not supplied) into the desired wall, leaving the head extended out by about 5mm.
2. Hang the Temperature Station onto the screw. Remember to ensure that it locks into place before releasing.

POSITIONING THE REMOTE TEMPERATURE SENSOR



The remote temperature sensor can be placed onto any flat surface or wall mounted using the bracket which doubles as a stand or wall mount base.

To wall mount:



1. Secure the bracket onto a desired wall using the screws and plastic anchors.
2. Clip the remote temperature sensor onto the bracket.

Note:
The mounting surface can affect the transmission range. If, for instance, the unit is attached to a piece of metal, it may then either reduce or increase the transmitting range. For this reason, we recommend not to place the unit on any metal surfaces or in any position where a large metal or highly polished surface is in the immediate vicinity (garage doors, double glazing, etc.). Before securing in place, please ensure that the Temperature Station can receive the 915MHz signal from the temperature sensor at the positions that you wish to place them.

CARE AND MAINTENANCE

- Extreme temperatures, vibrations and shocks should be avoided as these may cause damage to the unit and give inaccurate forecasts and readings.
- When cleaning the display and casings, use a soft damp cloth only. Do not use solvents or scouring agents as they may mark the LCD and casings.
- Do not submerge the units in water. Furthermore, fix all parts in place where the units are adequately protected against moisture and rain.

- Immediately remove all low powered batteries to avoid leakage and damage. Replace only with new batteries of the recommended type.
- Do not make any repair attempts to the unit. Return them to their original point of purchase for repair by a qualified engineer. Opening and tampering with the unit may invalidate their guarantee.
- Do not expose the units to extreme and sudden temperature changes, this may lead to rapid changes in forecasts and readings and thereby reduce their accuracy.

SPECIFICATIONS

Temperature measuring range

Indoor : 14.1ºF to +139.8ºF with 0.2ºF resolution
(-9.9 to +59.9°C with 0.1°C resolution)
("OF.L" displayed if outside this range)

Outdoor : -39.8˚F to 139.8˚F with 0.2ºF resolution
(-39.9˚C to +59.9˚C with 0.1˚C resolution)
("OF.L" displayed if outside this range)

Indoor Temperature checking interval : every 15 seconds

Outdoor data checking interval : every 16 seconds

Power Supply
Temperature Station : 2 x AAA, IEC LR3, 1.5V
Temperature Sensor : 1 x CR2032, 3.0V
Battery life cycle (Alkaline batteries recommended)
Temperature Station : approximately 24 months
Temperature Sensor : approximately 12 months
Dimensions (L x W x H)
Temperature Station : 2.29” x 0.69” x 4.66”
(58.2 x 17.6 x 118.4 mm)
Temperature Sensor : 1.44” x 0.53” x 3.46”
(36.6 x 13.5 x 87.9 mm)

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, Ltd
2809 Losey Blvd. S.
La Crosse, WI 54601
Phone: 608.782.1610

Fax: 608.796.1020

e-mail:
support@lacrossetechnology.com
(warranty work)

sales@lacrossetechnology.com
(information on other products)

web:
www.lacrossetechnology.com

Question? Instructions? Please visit:
www.lacrossetechnology.com/9125