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WIRELESS 915 MHz TEMPERATURE STATION
Instruction Manual

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This product offers:



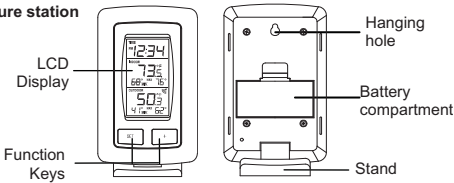
INSTANT TRANSMISSION is the state-of-the-art new wireless transmission technology, exclusively designed and developed by LA CROSSE TECHNOLOGY. *INSTANT TRANSMISSION* offers you an immediate update (every 4 seconds!) of all your outdoor data measured from the transmitters: follow your climatic variations in real-time!

INVENTORY OF CONTENTS

- Wireless Temperature Station
- Wireless Temperature Sensor (TX40U-IT) and mounting bracket.
- Instruction Manual

FEATURES:

Temperature station

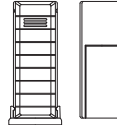


The Temperature Station

- Manual time setting (hour and minute display)
- Time display 12 -hour time format
- Indoor and outdoor temperature reading in degree Fahrenheit (°F)
- Display MIN/MAX indoor and outdoor temperature display
- Low battery indicator
- Wireless transmission at 915 MHz
- Signal reception intervals at 4 seconds
- Wall mounting or table standing

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The Outdoor Temperature Transmitter



- Remote transmission of outdoor temperature to Temperature Station by 915 MHz signals
- Rain proof casing
- Wall mounting and table-standing
- Mounting at a sheltered place. Avoid direct rain and sunshine

SETTING UP:

Note: this temperature station can only receive one transmitter only.

1. First, insert the batteries to the transmitter (see **"How to install and replace batteries in the Temperature transmitter"** below).
2. Within 30 seconds of powering up the transmitter, insert the

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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, the time as 12:00 will be displayed. If they are 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.

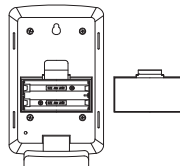
3. After the batteries are inserted, the Temperature Station will start receiving data signal from the transmitter. The outdoor temperature should then be displayed on the Temperature station. If this does not happen after 2 minutes, the batteries will need to be removed from both units and reset from step 1.
4. In order to ensure sufficient 915 MHz transmission however, this should under good conditions be a distance no more than 200 feet

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(60 meters) between the final position of the Temperature Station and the transmitter (see notes on **"Positioning"** and **"915 MHz Reception"**).

HOW TO INSTALL AND REPLACE BATTERIES IN THE TEMPERATURE STATION

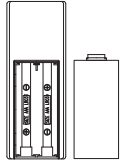
The Temperature Station uses 2 x AAA, IEC LR3, 1.5V batteries. When batteries will need to be replaced, the low battery icon will appear on the LCD. To install and replace the batteries, please follow the steps below:



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

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HOW TO INSTALL AND REPLACE BATTERIES IN THE TEMPERATURE TRANSMITTER



The Temperature transmitter uses 2 x AAA, IEC LR3, 1.5V batteries. When batteries will need to be replaced, the low battery icon will appear on the LCD of the Temperature Station. To install and replace the batteries, please follow the steps below:

1. Remove the battery compartment cover.
2. Insert the batteries, observing the correct polarity (see marking).
3. Replace the battery holder to 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

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security code is assigned by the transmitter 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:

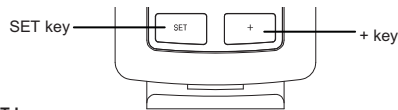
It is recommended to replace the batteries in all units regularly to ensure optimum accuracy of these units. (Battery life –see **Specifications**)



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

FUNCTION KEYS:

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



SET key

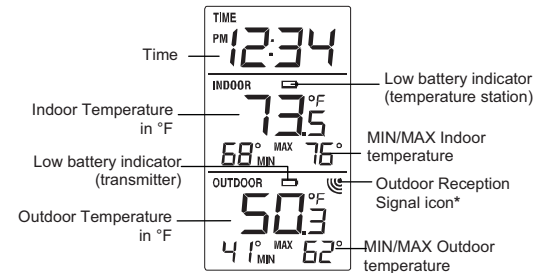
- Press and hold for about 3 seconds to enter the Manual setting mode.

+ key

- Press to make adjustment in the setting mode.
- Press and hold to reset all MIN/MAX records

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LCD SCREEN AND SETTINGS:



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* When the signal from the transmitter 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 3 sections.

Section 1 - TIME

- Display of time (manually set).

Section 2 - CURRENT INDOOR TEMPERATURE AND MIN/MAX TEMPERATURE

- Display of indoor temperature.
- Display the indoor MIN/MAX temperature.

Section 3 - CURRENT OUTDOOR TEMPERATURE MIN/MAX TEMPERATURE

- Display the current temperature.
- Display the outdoor MIN/MAX temperature.

MANUAL TIME SETTING:

To manually set the time of the Temperature Station:



1. Press and hold the **SET** key for 3 seconds to enter the manual setting mode.
2. The hour digit of the time display will be flashing.

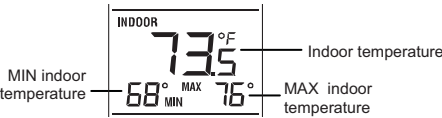
3. Press the **+** key to adjust the hour (press and hold to allow fast advance). Press **SET** key to confirm and go to the minute setting.
4. The minute digit will be flashing. Press the **+** key to adjust the minute (press and hold to allow fast advance). Press **SET** key once more to return to normal display.

Note:

If no buttons are pressed within approximately 8 seconds while in any setting option, the unit will return to normal operating mode.

VIEWING THE INDOOR TEMPERATURE AND MIN/MAX

The indoor temperature is displayed in the second section of the LCD along with the indoor MIN/MAX records:

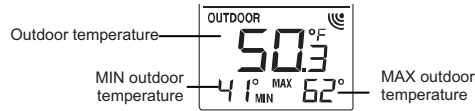


Note:

- The maximum temperature record for the MIN indoor temperature can only be up to 99°F, and the MIN/MAX temperature resolution is 1°F.
- The resolution of the indoor temperature is 0.5°F

VIEWING THE OUTDOOR TEMPERATURE AND THE MIN/ MAX TEMPERATURE

The outdoor temperature is displayed in the last section of the LCD along with the outdoor MIN/MAX records:



Note:

- The minimum/maximum temperature resolution is 1°F.
- The resolution of the outdoor temperature is 0.1°F

TO RESET THE MIN/MAX DATA:

The MIN/MAX temperature can be reset manually by pressing and holding the + key for about 3 seconds. This will reset all indoor and outdoor MIN/MAX temperature to current indoor and outdoor temperatures.

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 2 minutes after setup (the signal reception icon does not appear), please check the following points:

1. The distance of the Temperature Station or transmitter 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:

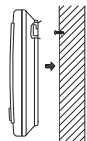
When the 915MHz signal is received correctly, do not re-open the battery cover of either the transmitter or the Temperature Station, as the batteries may spring free from the contacts and force a false reset. If this happens accidentally, all units must be reset (see **Setting up** above) otherwise transmission problems may occur.

The transmission range is about 200 feet / 60 m from the transmitter 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 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.





To wall mount:

Before wall mounting, please check that the outdoor temperature values can be received from the desired locations:

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.

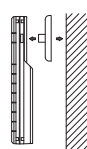
POSITIONING THE REMOTE TEMPERATURE TRANSMITTER:



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

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To wall mount:



1. Secure the bracket onto a desired wall using the screws and plastic anchors.
2. Clip the remote temperature transmitter 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 transmitter at the positions that you wish to place them.

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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 : -3.8°F to +139.8°F with 0.5°F resolution

("OF.L" displayed if outside this range)

Outdoor : -39.8°F to +139.8°F with 0.1°F resolution

("OF.L" displayed if outside this range)

Indoor Temperature checking interval : every 20 seconds

Outdoor data checking interval : every 4 seconds

Power consumption

Temperature Station : 2 x AAA, IEC LR3, 1.5V

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Outdoor Temperature Transmitter: 2 x AAA, IEC LR3, 1.5V
Battery life cycle (Alkaline batteries recommended):
Temperature Station : approximately 12 months
Outdoor Temperature Transmitter: approximately 12 months
Dimensions (L x W x H)
Temperature Station : 2.69" x 0.94" x 4.29" /
68.4 x 24.1 x 109 mm
Outdoor Temperature Transmitter : 1.27" x 0.55" x 3.40" /
32.4mm x 14.1 x 86.5mm

WARRANTY

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
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)

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web:

www.lacrossetechnology.com

Question? Instructions? Please visit:
www.lacrossetechnology.com/9240

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FCC ID: OMO-TX40U (transmitter)

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.

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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

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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.