

TEMPERATURE STATION

Instructions manual

INTRODUCTION:

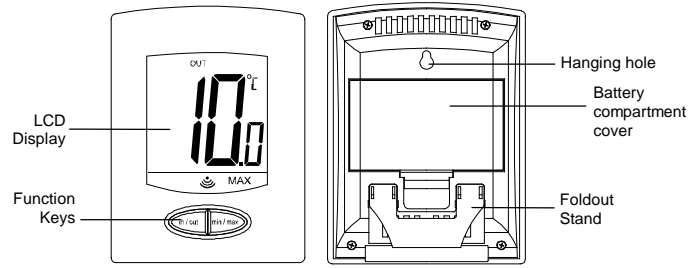
Congratulations on purchasing this innovative 868MHz temperature station which displays indoor and outdoor temperature. To enjoy the full benefits of this innovative product, please read this operating manual.



« Instant Transmission+ » is the up and coming state-of-the-art new wireless transmission technology, exclusively designed and developed by LA CROSSE TECHNOLOGY.
“IT +” offers you an immediate update of all your outdoor data measured from the transmitters: follow your climatic variations in real-time!

FEATURES:

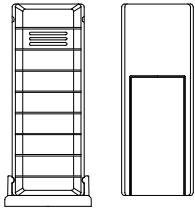
The Temperature Station



- Temperature display in degrees Celsius (°C)
- Indoor and Outdoor temperature display with MIN/MAX recording
- All indoor and outdoor MIN/MAX recordings can be reset separately
- Low battery indicator
- Wireless transmission at 868 MHz

- Outdoor signal reception intervals at 27.5-second
- Table standing or wall mounting

The Outdoor Temperature Transmitter



- Remote transmission of outdoor temperature to Temperature Station by 868 MHz
- Shower proof casing
- Wall mounting case
- Mounting at a sheltered place. Avoid direct rain and sunshine

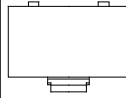
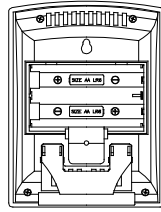
SETTING UP:

NOTE: The temperature station will receive **one** outdoor transmitter only.

1. First, insert the batteries into the Temperature transmitter. (see "**Install and replace batteries in the Temperature transmitter**").
2. Immediately after and within **1 minute**, insert the batteries into Temperature station (see "**Install and replace batteries in the Temperature station**"). Once the batteries are in place, all segments of

- the LCD will light up briefly. Then the indoor temperature will be display. If these are not displayed after 60 seconds, remove the batteries and wait for at least 10 seconds before reinserting them.
3. After inserting the batteries into the transmitter, the Temperature station will start receiving data from the transmitter. The outdoor temperature and the signal reception icon should then be displayed on the Temperature station. If this does not happen after 1 minute, the batteries will need to be removed from both units and reset from step 1.
 4. In order to ensure sufficient 868 MHz transmission however, this should under good conditions be a distance no more than 80 meters between the final position of the Temperature Station and the transmitter (see notes on "Mounting" and "868 MHz Reception").

INSTALL AND REPLACE BATTERIES IN THE TEMPERATURE STATION

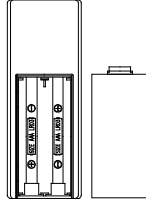


The Temperature station uses 2 x AA, IEC LR6, 1.5V batteries. To install and replace the batteries, please follow the steps below:

1. Remove the cover at the back of the weather station.
2. Insert batteries observing the correct polarity (see marking).
3. Replace compartment cover.

INSTALL AND REPLACE BATTERIES IN THE TEMPERATURE TRANSMITTER

The Temperature Transmitter uses 2 x AAA, IEC LR3, 1.5V battery. To install and replace the batteries, please follow the steps below:



1. Pull out the battery holder at the bottom of the transmitter.
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 setting up procedures. This is because a random 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 3 minutes of power being supplied to it.

BATTERY CHANGE:

It is recommended to replace the batteries in all units on an annual basis to ensure optimum accuracy of these units.



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

FUNCTION KEYS:

Weather station:

The weather station has 2 easy to use function keys.



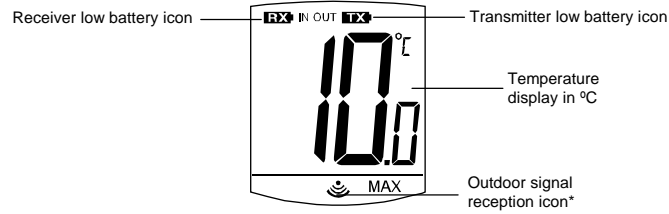
IN/OUT key

- To toggle between the indoor and outdoor temperature display

MIN/ MAX key

- To toggle between the MIN/MAX indoor and outdoor temperature display
- Press and hold to reset at the MIN/MAX indoor temperature records (if the indoor temperature is displayed)
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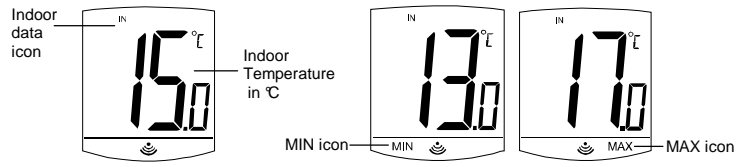
LCD SCREEN AND SETTINGS:



* When the outdoor signal is successfully received by the Temperature Station, this icon will be switched on. (If not successful, the icon will not be shown in LCD) So user can easily see whether the last reception was successful (icon on) or not (icon off).

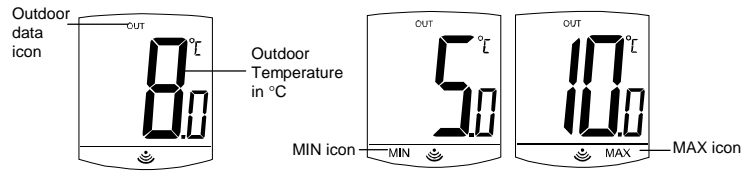
DISPLAY OF INDOOR TEMPERATURE READING AND INDOOR MIN/MAX RECORDS:

1. Press the IN/OUT key to view the current indoor temperature
2. Press the MIN/MAX key to view the MIN record
3. Press again the MIN/MAX key to view the MAX record.
4. Press the MIN/MAX once more to return to current indoor temperature.



DISPLAY OF OUTDOOR TEMPERATURE READING AND OUTDOOR MIN/MAX RECORDS:

1. Press the IN/OUT key to view the current outdoor temperature
2. Press the MIN/MAX key to view the MIN record
3. Press again the MIN/MAX key to view the MAX record.
4. Press the MIN/MAX once more to return to current outdoor temperature.



RESETTING THE MIN/MAX RECORDS

When the indoor temperature is displayed, press and hold the MIN/MAX key for about 2 seconds to reset the indoor MIN/MAX temperature records to the current indoor temperature.

When the outdoor temperature is displayed, press and hold the MIN/MAX key for about 2 seconds to reset the outdoor MIN/MAX temperature records to the current indoor temperature.

Note: the indoor and outdoor temperature need to be reset separately.

868 MHz RECEPTION

The Temperature station should receive the temperature data within 1 minute after set-up. If the temperature data is not received 1 minute after setting up (not successfully continuously, the outdoor display shows "- - -"), please check the following points:

1. The distance of the temperature station or transmitter should be at least 5-6 feet 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 (868MHz) may prevent correct signal transmission and reception.
4. Neighbours using electrical devices operating on the 868MHz signal frequency can also cause interference.

Note:

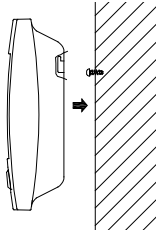
When the 868MHz signal is received correctly, do not re-open the battery cover of either the transmitter or Temperature station, as the batteries may spring free from the contacts and force a false reset. Should this

happen accidentally then reset all units (see **Setting up** above) otherwise transmission problems may occur.

The maximum transmission range is **80 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**).

POSITIONING THE TEMPERATURE STATION:

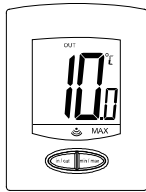
The Temperature Station has been designed to be hung onto wall or free standing.



To wall mount

Choose a sheltered place. Avoid direct rain and sunshine. Before wall mounting, please check that the outdoor temperature values can be received from the desired locations.

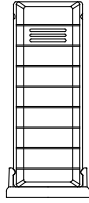
1. Fix a screw (not supplied) into the desired wall, leaving the head extended out the by about 5mm.
2. Remove the stand from the Temperature Station by pulling it away from the base and hang the station onto the screw. Remember to ensure that it locks into place before releasing.



Free standing

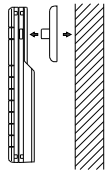
With the detachable stand, the temperature station can be placed onto any flat surface.

POSITIONING THE TEMPERATURE TRANSMITTER:



The Transmitter is supplied with a holder that may be attached to a wall with the two screws supplied. The Transmitter can also be position on a flat surface by securing the stand to the bottom to the Transmitter.

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:

Before permanently fixing the transmitter wall base, place all units in the desired locations to check that the outdoor temperature reading is receivable. In event that the signal is not received, relocate the transmitters or move them slightly as this may help the signal reception.

CARE AND MAINTENANCE:

- Extreme temperatures, vibration and shock should be avoided as these may cause damage to the unit and give inaccurate forecasts and readings.
- Precautions shall be taken when handling the batteries. Injuries, burns, or property damage may be resulted if the batteries are in contact with conducting materials, heat, corrosive materials or explosives. The batteries shall be taken out from the unit before the product is to be stored for a long period of time.
- Immediately remove all low powered batteries to avoid leakage and damage. Replace only with new batteries of the recommended type.
- 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 unit in water.

- Special care shall be taken when handling a damaged LCD display. The liquid crystals can be harmful to user's health.
- 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.
- Never touch the exposed electronic circuit of the device as there is a danger of electric shock should it become exposed.
- 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 : -9.9°C to +59.9°C with 0.1°C resolution ("OF.L" displayed if outside this range)
 Outdoor : -39.9°C to +59.9°C with 0.1°C resolution ("OF.L" displayed if outside this range)

Indoor temperature checking interval : every 27.5 seconds

Outdoor data reception : every 27.5 seconds

Transmission range : 80 meters

Power consumption:

Temperature station : 2 x AA, IEC LR6, 1.5V

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

Battery life cycle (Alkaline batteries recommended):

Temperature station : Approximately 24 months

Temperature transmitter : Approximately 12 months

Dimensions (H x L x W)

Temperature station : 74 x 29 x 98mm

Temperature transmitter : 32 x 14 x 86mm

LIABILITY DISCLAIMER

- The electrical and electronic wastes contain hazardous substances. Disposal of electronic waste in wild country and/or in unauthorized grounds strongly damages the environment
- Please contact your local or/and regional authorities to retrieve the addresses of legal dumping grounds with selective collection
- All electronic instruments must from now on be recycled. User shall take an active part in the reuse, recycling and recovery of the electrical and electronic waste.
- The unrestricted disposal of electronic waste may do harm on public health and the quality of environment.
- This product must however not be thrown in general rubbish collection points.
- As stated on the gift box and labeled on the product, reading the "User manual" is highly recommended for the benefit of the user.
- The manufacturer and supplier cannot accept any responsibility for any incorrect readings and any consequences that occur should an inaccurate reading take place.
- This product is not to be used for medical purposes or for public information.
- The specifications of this product may change without prior notice.
- This product is not a toy. Keep out of the reach of children.
- No part of this manual may be reproduced without written consent of the manufacturer.



R&TTE Directive 1999/5/EC

Summary of the Declaration of Conformity : We hereby declare that this wireless transmission device does comply with the essential requirements of R&TTE Directive 1999/5/EC.