

FAQ



LA CROSSE
TECHNOLOGY

WS 7138



What is the maximum distance I can have the remote sensor from the display?

The maximum open-air distance is 25 meters in a straight line although you should take into account the environment, distance and interferences. Subtract 6 to 10 meters for an exterior wall or any other similar obstruction, in width or composition. Subtract 3 to 10 meters per interior wall or any obstruction that is similar in width or composition. (An obstruction would include anything that is between the line of sight like a roof, walls, floors, ceilings, trees, etc.) Also keep your units away from electronic appliances like TV's, microwaves, computers, refrigerators and speakers.



Does the remote transmitter have any trouble transmitting through specific materials?

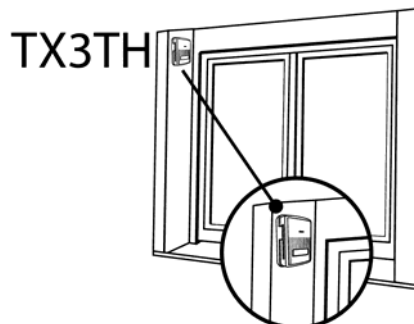
Yes and No... We have trouble maintaining a signal through metal siding, stucco walls and UV glass. You can get the remote sensor to transmit through these materials, but it will take a little bit of trial and error. Reset the weather station as mentioned above and change the angle that the remote transmits through the siding or glass until an outdoor temperature remains on the display for an extended period of time. Keep in mind that the signal from the remote must travel through some space (10 cm of air minimum) before reaching a wall or glass window.



Where can I mount the remote sensor?

In order to get an accurate reading and to prolong the life of your sensor we recommend that you have it in a sheltered area out of the sun and direct rain. Fog and Mist will not affect the sensor, but a soaking in water may.

You can mount it outside under an eave of your house or any other suitable place that will keep it out of the sun and rain. Do not wrap the sensor in plastic or seal it in a plastic bag.



✓ **How can I get outdoor temperature or humidity to show on the display for the first time or after loss of information (i.e. power blackout)**

Bring both units (station + transmitter) inside your house and have the units 1 to 2 meters apart with nothing in-between them.

1. Remove the batteries from both units, display and remote sensor.
2. Wait until the display is blank to clear all memory (we recommend one minute).
3. Put the batteries back into the display.
4. Taking care NOT to press any keys, reinstall the batteries into the remote sensor.
5. Do not press any keys for at least 10 minutes after installing the batteries. (Let them establish a good connection. Pressing a button during this stage would be enough to stop the search for the sensor which is being now carried out by the station).
6. An outdoor temperature and humidity should be showing on your display. You can now put your outdoor sensor back outside.

NOTA:

In- and outdoor data are not displayed simultaneously but alternatively by pressing the IN/OUT/SET/CH key.

✓ **Why the display of the temperature and/or humidity is different between the outdoor sensor and the station?**

You may observe that the station and the remote sensor may show two different temperature and/or humidity values. This is perfectly normal for the sensor collects outdoor temperature/humidity data every 60 seconds while the station does every 5 minutes.

✓ **How can I read and reset the MIN/MAX temperatures and humidity?**

In order to read recorded MIN/MAX values you must - using the IN/OUT/SET/CH key - first select the in- or outdoor data for which you want to have MIN/MAX values displayed.

NOTA: *By pressing the IN/OUT/SET/CH key you can toggle between displaying the in- and outdoor temperature/humidity*

E.g. MIN/MAX indoor temperature displaying:

1. Indoor temperature and humidity values will appear on the screen. Press the MIN/MAX/+ key.
2. The time will now be displayed. Press the MIN/MAX/+ key.
3. The date will now be displayed. Press the MIN/MAX/+ key again.
4. The indoor MAX temperature will be flashing and the time of recording will be shown on the screen. Press the MIN/MAX/+ key.

5. The indoor MAX temperature will be flashing and the date of recording will be shown on the screen. Press the MIN/MAX/+ key again.
6. The indoor MIN temperature will be flashing and the time of recording will be shown on the screen. Press the MIN/MAX/+ key again.
7. The indoor MIN temperature will be flashing and the date of recording will be shown on the screen. Press the MIN/MAX/+ key again.

.... and so on for the other data.

To reset the temperature or humidity MIN/MAX values, press the IN/OUT/SET/CH key while you have corresponding temperature or humidity data displayed.

The minimum and maximum values for temperature and humidity that appear then on the screen are the current ones.



What do I do if my display is blank?

Check the polarity on your batteries to make sure they are installed according to the diagram in the battery compartment. Also make sure that you are using a quality alkaline battery. We advise against reloading batteries.



Why is my time incorrect or not displaying at all?

This clock receives a DCF-77 signal from Frankfurt to set the clock to atomic time. Sometimes, due to poor atmospheric conditions or local interferences you will not be able to receive a signal immediately. The best way to get a signal is to put your clock in a window facing Frankfurt until you see the tower icon appear. If definitely you are not receiving the signal, wait one night, during the night time there are less atmospheric disturbances.



How do I manually set my time and other features of this station?

1. Press and hold the IN/OUT/SET/CH key for 5 seconds.
2. The Degrees Celsius will now be flashing. To toggle between Celsius and Fahrenheit, press and release the MIN/MAX/+ key. Press then and release the IN/OUT/SET/CH key once.
3. 12h or 24h display mode will now be flashing. To toggle between these 2 modes, press the MIN/MAX/+ key. Press then and release the IN/OUT/SET/CH key once.
4. The hour will now be flashing: press and release the MIN/MAX/+ key until the correct hour is displayed. Press then and release the IN/OUT/SET/CH key once.
5. The minutes will now be flashing: press and release the MIN/MAX/+ key until the correct value is displayed. Press then and release the IN/OUT/SET/CH key once.
6. The year will now be flashing: press and release the MIN/MAX/+ key until the correct year is displayed. Press then and release the IN/OUT/SET/CH key once.
7. The month will now be flashing: press and release the MIN/MAX/+ key until the correct month is displayed. Press then and release the IN/OUT/SET/CH key once.

8. The day of the week will now be flashing: press and release the MIN/MAX/+ key until you have your choice shown on the screen. Press then and release the IN/OUT/SET/CH key once.



What means when "OFL" instead of data is displayed?

"OFL" is displayed when in- or outdoor temperature or humidity data are "out of range".

NOTA:

- indoor temperature measurement range : from -9.9 °C to 59.9
- outdoor temperature measurement range : from -29.9 °C to 69.9 °C
- in- and outdoor humidity measurement range: from 1 to 99 % (stations provided with new Swiss high definition sensor).

In the case of outdoor temperature and humidity "OFL" can also be displayed when any interference occurs.

Correct data transmission is usually restored during the next data collection. If that is not the case, you should restart your station (see above).