

# FAQ



LA CROSSE  
TECHNOLOGY

## WS 7049



### 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?

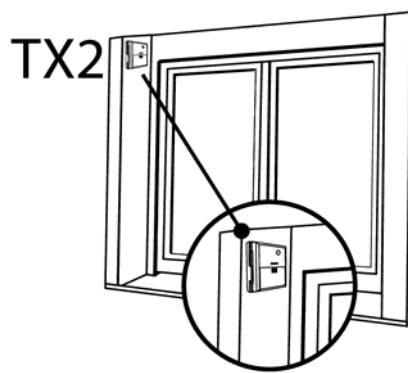
Yes and No... We have trouble maintaining a signal through metal siding, stucco walls and UV glass. You can get the remote sensor to transmit through these materials, but it will take a little bit of trial and error. Reset the weather station as mentioned above and change the angle that the remote transmits 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 to show on the display for the first time or after loss of information (i.e. power blackout)**

Bring both units of the station (station + transmitter) in interior of your house and place them 1 to 2 meters one of the other, nothing in-between them.

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

 **How do I reset the MIN/MAX temperatures?**

Press and hold the MIN/MAX/RESET key for 4 seconds (in order to reset the in- and outdoor values).

The MINI and MAXI values 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?**

1. 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 set manually my time?

To carry out the various adjustments use the function keys SET and + which are located on the back of the station, below the batteries compartment.

1. Press and hold the SET key for 5 seconds.
2. The hour will now be flashing. Press and release the + key until correct hour is shown.
3. Press and release the SET button once.
4. The minutes will now be flashing. Press and release the + key until you have your choice shown on the display. Press then and release the SET button once.

### ✓ What does the « OFL » mention mean?

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

NOTA:

- indoor temperature measurement range : from 0 °C to 60 °C (\* from -9.9 °C to 59.9)
- outdoor temperature measurement range : from -29.9 °C to 59.9 °C (\* from -29.9 °C to 69.9 °C)
- indoor humidity measurement range: from 19 to 95 % (\* from 1 to 99 %)

for stations manufactured between 1999 and 2003. (\* Between brackets are ranges for 2004 stations provided with new Swiss high definition sensor).

In the case of outdoor temperature, "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).

### ✓ Weather forecast icon

Weather forecast icon indicates improvement or degradation trend rather than immediate sun or rain as the icon shows.

*Example: if current weather is cloudy and the icon of rain is displayed, this does not imply that the station is deficient because it is not raining. It simply means that the atmospheric pressure fell and that weather will be getting poor but not necessarily raining.*

Once your station installed, it is recommended to ignore the forecast for the next 24 to 48 hours, in order to leave time to the station and to operate in constant condition and altitude.

Each noticeable and important change of atmospheric pressure will result in a change of icon. In the climates subjected to abrupt weather changes (e.g. sunny to rainy weather) the station will operate more precisely than in a

climate with small weather variations (e.g. almost always sunny). In addition, an estimated forecast precision is about 75%.

The **La Crosse Technology** weather stations are the only ones being equipped with a pressure sensor which records pressure variations every 3 hours and which calculates, on a 12 hours average, and displays weather tendency averages. Consequently, the **La Crosse Technology** weather stations are more sensitive and more precise than all other similar products.

### **Function keys**

This station has 4 function keys: 2 are apparent (MIN/MAX/RESET and CH), 2 others are located on the back of the station (SET and +).

You may access to data recorded by the station using the MIN/MAX/RESET keys whereas the SET and + keys are only used for various adjustments.