WS 7079

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.

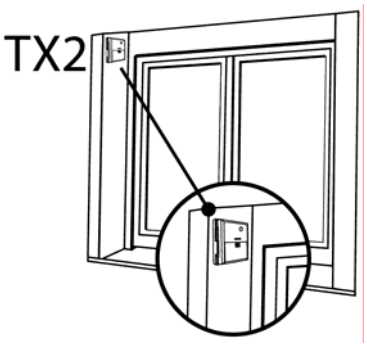
Does the remote transmitter have any trouble transmitting through specific materials?

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 centimetres of air minimum) before reaching wall, metal 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 eve 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 (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 in order to clear all memory (we recommend one minute).
3. Insert 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 should be showing on your display. You can now put your outdoor sensor back outside.

How do I reset the MIN/MAX temperatures and humidity?

Press and hold the either the IN (In is for resetting the indoor temperature and humidity) or the OUT (Out is for resetting the outdoor temperature) key for about 4 seconds.

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 new good quality alkaline battery. We advise against reloading batteries.

How do I change the way the date is displayed?

This particular weather station has only one mode of displaying the date (date/month).

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.

2. If your time is off by an increment of exactly 1 hour, 2 hours, or more change your TIME ZONE on zero not to have time zone on the atomic time (which is CET meaning Central European Time i.e. Brussels, Paris, Rome, Berlin, Madrid...). Change time zone on "-1" for Great Britain and Portugal. Match any time zone when receiving DCF-77 signal.

3. For this weather station, the time zone setting goes from -12 hours up to +12 hours.

How do I manually set my time if I do not wish to use the DCF-77 function? How do I manually set other features of this station?

**** The most recent models of this station have the DCF-77 deactivation function ****
If your station is provided with this function, deactivate in the first time the DCF-77 signal reception, then proceed as follows:

1. Press and hold the SET button for 5 seconds.
2. A number from 0 to 7 will now be flashing. To increase or decrease the contrast of the LCD display press and release the IN button. Press and release the SET button once.
3. The time zone will now be flashing. To change time zone, press and release the IN button. When the correct time zone is selected (setting from - 12h to + 12h possible) press and release the SET button once.
4. 12h or 24h display mode will now be flashing. To toggle between these 2 modes, press the IN button. When you have your choice shown on the display, press and release the SET button once.
5. The hour will now be flashing. Press again the IN key to set the hour and the OUT key to set the minutes. When you have your choice shown on the display, press and release the SET button once.
6. The year will now be flashing: Press and release the IN button until the correct year is shown. Press and release the SET button once.
7. The date will now be flashing. Press and release the IN button in order to set the day and the OUT button to set the month. Press then release the SET button once.
8. The degrees Celsius will now be flashing. To toggle between Celsius and Fahrenheit, press and release the IN button. When your choice is made, press and release the SET button once.
9. Weather icon threshold threshold is now flashing. Press and release the IN button to set the appropriate value (from 1 to 3, default value = 2).

Press and release the SET button again and you are done.

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

"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.