

WS 8015

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

The maximum open-air distance is 20 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?

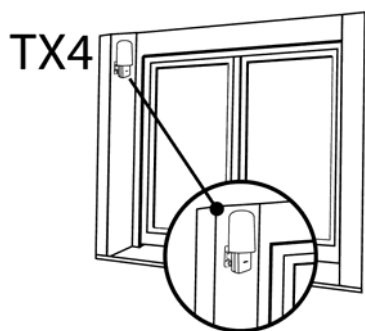
Yes and No. We have trouble maintaining a signal through metal siding, stucco walls, and UV glass. You can get the remote sensor to transmit through these materials, but it will take a little bit of trial and error. Reset the weather station as mentioned above and change the angle that the remote transmits 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 :

- to pay attention to the cover, it must protect the sensor,
- 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 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 and humidity should be showing on your display. You can now put your outdoor sensor back outside.

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

Press the IN key in order to get recordings of the mini, maxi and current indoor temperature and humidity. Outdoor mini and maxi values are permanently displayed.

Press and hold for about 3 seconds the IN key to reset the mini and maxi indoor values and OUT key to reset outdoor values.

The MINI and MAXI in- and outdoor 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 new good 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.



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 +11 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 reception function, then proceed as follows:

1. Press and hold the SET button for 5 seconds.
2. The hour will now be flashing on the top line. Press the + or the - key to set the hour. When you have your choice shown on the display, press and release the SET button once.
3. The minutes will now be flashing. Press again the + or the - key to set the correct value. When you have your choice shown on the display, press and release the SET button once.
4. '24h' will now be flashing. To toggle between '12h' or '24h' mode, press and release the + or the - key. When you have your choice shown on the display, press and release the SET button once.
5. The year will now be flashing. Press and release the + or the - key until the correct year is shown. Press then and release the SET button once.
6. The month will now be flashing. Press and release the + or the - key until the correct month is displayed. Press and release the SET button once.
7. The date will now be flashing: Press and release the + or the - key until the correct date is displayed. Press and release the SET button once.
8. The day of the week in short form will now be flashing: Press and release the + or the - key until the correct day is displayed. Press and release the SET button once.
9. You can now choose country (among 24 European countries - see below "Country and city lists"). Press and release the + or the - key until your choice is shown on the screen press then and release the SET button once.
10. One among 150 cities can now be chosen (see below "Country and city lists") by pressing the + or the - key. Press then and release the SET button once.

***NOTA:** In order to get the most accurate sunset/sunrise and moonset/moonrise values, you should select the city nearest to your weather station location.*

11. The time zone will now be flashing. To change time zone, press and release the + or the - key. When the correct time zone is selected (setting from +11h up to - 12h possible) press and release the SET button once.
12. The degrees Celsius will now be flashing. To toggle between Celsius and Fahrenheit, press and release the + or the - key. Press then and release the SET key.
13. You can now calibrate relative pressure threshold value (from 960 to 1040 hPa) using the + key or the - key. When you have your choice shown on the display, press and release the SET button once.

14. You can now select weather icon threshold (setting 2, 3 or 4 possible) using the + key or the - key. Press then and release the SET button once.
15. The hPa sensitivity will start flashing in the air pressure part of the LCD (Default setting 5). Using the + or - key select the desired sensitivity level (3, 4, 5, 6, 7, 8 or 9 hPa) leading to the activation of storm warning feature. Press then and release the SET key.
16. Switch on (ALON will be displayed) or off (ALOFF will be shown) the storm warning alarm using the + or the - key. Press then and release the SET button once.
17. LCD and a number from 0-16 will be flashing. To increase or decrease the contrast of the LCD display press and release the + key or the - key. Press then and release the SET button 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 °C
- outdoor temperature measurement range : from -29.9 °C to 59.9 °C (* from -29.9 °C to 69.9 °C)
- in- and outdoor humidity measurement range: from 20 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 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).

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.

✓ **Relative pressure histogram (bar-graph)**

This is an animated histogram moving to the left and not a fixed image.

✓ **Moon phases**

Moon phases can be correctly shown *ONLY* when the time and the date are displayed on the station, either automatically thanks to DCF-77 signal (radio controlled time) or thanks to manual setting.

Moon phases symbols displayed on the station are not in accordance with pictures we are accustomed to meeting on the majority of calendars, but are in accordance with the internal encoding the station performs.

✓ **SUN/MOON key**

Press the 'SUN/MOON' key to toggle between the sunrise, sunset and sun duration time displays. When sun duration is displayed sunset value is not available and 'HOURS' is displayed beside the label 'SUN'.

✓ **How can I mount the station in vertical position on a table?**

In order to mount the station upright on its legs you must completely deploy 2 legs (supports) which are folded in the back of the station until they are blocked in the slot designed for this purpose.

Proceed in the same way but smoothly, without forcing, when folding these legs back.