WS 9032

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.

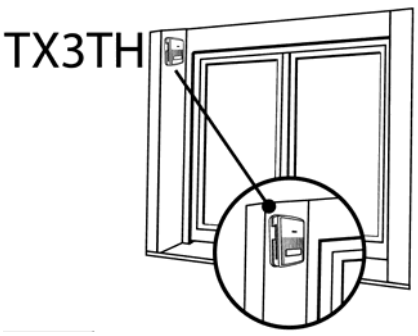
Does the remote transmitter have any trouble transmitting through specific materials?

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 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 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.

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 and OUT/+ key to get outdoor temperature and humidity values displayed.

Press the IN key and then press and hold for about 3 seconds the SET key in order to reset the mini and maxi indoor temperature and humidity values.

Press the OUT/+ key and then press and hold for about 3 seconds the SET key in order to reset the mini and maxi outdoor temperature and humidity values.

The MINI and MAXI values that appear then on the screen are the current ones.

Why the display of the temperature and 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 and humidity data every 60 seconds while the station does every 5 minutes.

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 advised 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 (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 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?

1. Press and hold the SET button for 5 seconds.
2. 'lcd' and a number from 0-7 will be flashing on the top line. To increase or decrease the contrast of the LCD display press and release the OUT/+ button. Press then and release the SET button.
3. The time zone will now be flashing. To change time zone, press and release the OUT/+ button. When correct time zone (from -12h up to +12h) is selected, press and release the SET button once.
4. *You may just NOW activate or deactivate the DCF-77 reception function (radio controlled time).* To toggle between ON and OFF, press the OUT/+ button continuously. When your choice is displayed, press and release the SET button once.
5. 12h or 24h will now appear on the second line. To toggle between 12h and 24h, press and release the OUT/+ button. Press then and release the SET button once.
6. The hour will now be flashing: press and release the OUT/+ button until correct hour is displayed. Check the display AM/PM. *NOTA: In 12h display mode, only "PM" (for the afternoon) is displayed, under the word "TIME". In the morning ("AM"), this area will stay blank.* When correct hour is displayed, press and release the SET button once.
7. The minutes will now be flashing. Press and release the OUT/+ button until the correct value is displayed. Press and release the SET button once.
8. The year will now be flashing. Press and release the OUT/+ button until you have set the correct year. Press and release the SET button.
9. The month will now be flashing. Press and release the OUT/+ button until you have the correct month. Press and release the SET button.
10. The date will now be flashing. Press and release the OUT/+ button until you have set the correct date. Press and release the SET button.
11. Degrees Celsius will now be flashing. To toggle between Celsius and Fahrenheit, press and release the OUT/+ button. When you have your choice shown on the display, press and release the SET button once.

12. The pressure measurement unit will now be flashing. To toggle between 'hPa' and 'inHg' press and release the OUT/+ button. Press and release the SET button.
13. You can now calibrate relative pressure threshold value (from 960 to 1040 hPa) using the OUT/+ button. When you have your choice shown on the display, press and release the SET button once.
14. You can now select weather icon threshold (2, 3 or 4) using the OUT/+ button. 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
- 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).

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.