

WS 8418 IT+

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

The maximum open-air distance is 100 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?

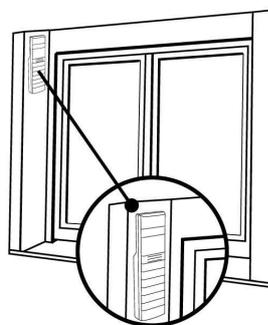
Yes and No. We have trouble maintaining a signal through metal siding, stucco walls and UV glass. You can get the remote sensor to transmit through these materials, but it will take a little bit of trial and error. Reset the weather station as mentioned above and change the angle that the remote transmits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

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✓ **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 remote sensor.
4. Taking care NOT to press any keys, reinstall the batteries into the base station.

Be careful, batteries must be inserted as mentioned hereabove (transmitter first, then in the base station) to ensure a good functioning.

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.

✓ **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. The clock of this station receives a signal from Frankfurt (DCF-77) to set the clock to atomic time and the calendar. Sometimes, due to adverse weather or atmospheric conditions 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 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 setting goes from -12 hours up to +12 hours.

✓ **How can I set manually my time and other features of this station?**

1. Press and hold the SET button for 5 seconds.
2. The Time Zone will now be flashing. To change the time zone press and release the + key. After you have selected your time zone, press and release the SET key once.

3. You can choose the language (among 4 different ones) of week day display: French (symbolised by a 'F'), German (symbolised by a 'd'), English (symbolised by an 'US') or Spanish (symbolised by an 'E'). After you have made your choice, press and release the SET key.
4. The hour will now be flashing. Press and release the + key until the correct time displayed. When the correct time is displayed, press and release the SET key once.
5. The minutes are now flashing. Press and release the + button until the correct value displayed. Press and release the SET key once.
6. The year will now be flashing. Press the + key until the correct year is displayed (only the 2 last numbers of the year will be displayed). Then press and release the SET button.
7. The month will now be flashing. Press and release the + button to select the month. Press and release the SET button.
8. And now the day of the week is flashing. Press and release the + key to select the day. Press and release the SET button.
9. The day of the week in 3-characters-abbreviation is now flashing. Press and release the + button until the correct day is displayed. Press and release the SET key.
10. The display mode is now flashing. Press and release the + button to toggle between 12 or 24 hours mode. After choosing appropriate mode, press and release the SET key.
11. The degrees Celsius will now be flashing. To toggle between Celsius and Fahrenheit, press and release the + button. Once your choice has been made, press and release the SET key.



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

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

NOTA:

- indoor temperature measurement range : from 0 °C to 50 °C
- outdoor temperature measurement range : from -29.9 °C to 69.9 °C

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).



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.