

Short-form instructions for commissioning the Wireless Weather Station WS 2510

A functional test of the complete weather station should be carried out before the individual sensors are fitted in their final location. For this purpose, it is practical to set up all the sensors near to the base station, although, in doing so, a minimum distance of 6 feet must be maintained.



Step 1

Commissioning the wireless temperature/humidity sensor by inserting a round bar magnet into the opening in the housing.



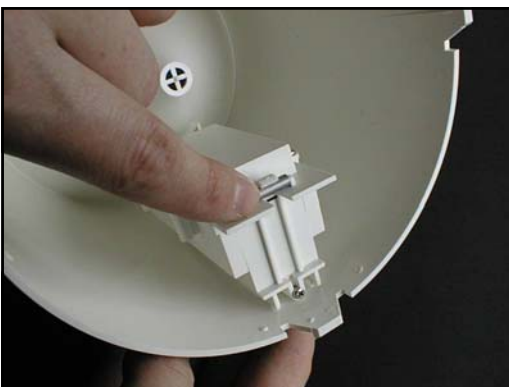
Step 2

Activating the wireless wind sensor by inserting the associated round bar magnet.



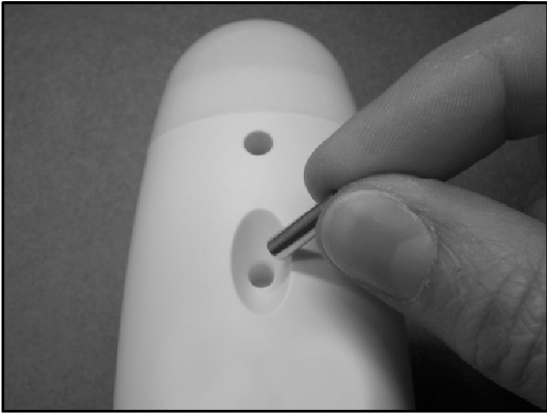
Step 3

To commission the wireless rain sensor, the housing must first be opened. The housing is placed on a flat surface with the funnel opening downwards. Turning the base plate in a clockwise direction will unlock it and enable it to be removed.



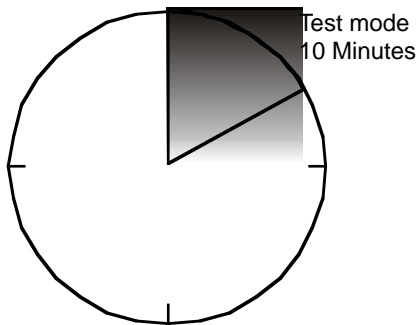
Step 4

The round bar magnet for commissioning the wireless rain sensor must be pushed into the latching holder on the electronic box (located in the top half of the now separated rain sensor). The correct polarity is marked in red on the latching holder. The housing is closed by aligning the top and bottom half so that the magnet on the rocker is facing the electronic box. Locking is achieved by turning the base plate in a counter-clockwise direction until it clicks into place.



Step 5

Activating the wireless brightness sensor by inserting the associated round bar magnet.



Step 6

Immediately after being put into operation, all sensors work for up to 10 minutes in a test mode where data is transmitted every 4 seconds instead of on a 3 minute cycle.



Step 7

Commissioning the base unit is carried out by fitting the 4 C cell batteries in the battery compartment on the back of the unit. A short initialization phase takes place during which all segments of the display come on. No controls may be activated (touch panel) before this.

After the segment test, the WS 2510 switches automatically to a search mode, in which every piece of data received is indicated on the display and is acknowledged by a signal tone. As the display cycles through each wireless sensor, only the last sensor received is displayed each time, while the data from all the sensors that have been received previously are removed from the screen. In this way, it can be checked quickly and easily that data is being received correctly from the sensors. After approx. 35 minutes, the search mode for the base station is automatically terminated and it switches over to normal receiving mode. Test mode can also be terminated earlier by pressing any part of the touch panel.

In order to ensure that the sensor data is assigned correctly, the search mode of the base station should only be terminated when no more sensors are in test mode.

Correct weather forecasting by displaying the weather symbols will only occur after a few days when the air pressure characteristic has been monitored for a sufficient period of time.

Installing the sensors

The installation of the sensors is described in detail in the operating instructions. However, before finally installing the sensors in the desired location, it should be checked by means of a temporary installation that good reception of the radio transmission from the sensors is possible in your selected location for the base unit. The base unit must be reset by removing all 4 batteries. To re-initialize the base unit, the batteries must be replaced after 30 seconds at the earliest. It can now be checked whether the radio transmission works correctly at the desired point of installation. Interference can often be rectified by changing the position of individual sensors slightly. Possible causes can also be found in the Operating Instructions.