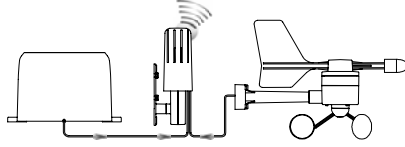


**WIRELESS WEATHER CENTRE  
WS1600IT**



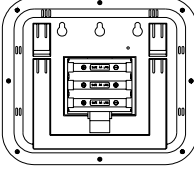
**Quick Set up Manual**

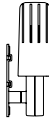
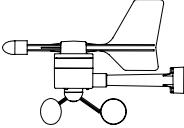



**Quick Set Up Manual – Wireless Weather Centre**

Using 915MHz wireless transmission of weather data, this unique weather centre can be powered using batteries for all your weather needs in the home or office.

**Carefully open and check that the following contents are complete:**

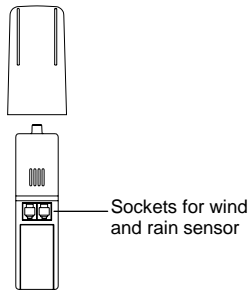
Item:	Consisting of:	Fittings:	Illustration:
<b>Base Station</b>	1) Main unit		

<b>Thermo-Hygro Transmitter</b>	<ol style="list-style-type: none"> <li>1) Main unit</li> <li>2) Rain protection cover</li> </ol>	<ol style="list-style-type: none"> <li>1) Wall mounting screws</li> <li>2) Plastic anchors for screws</li> <li>3) 2 x cable ties</li> </ol>	
<b>Wind Sensor</b>	<ol style="list-style-type: none"> <li>1) Main unit with wind vane</li> <li>2) 9.7m cable (already attached to the main unit)</li> <li>3) Mast holder</li> </ol>	<ol style="list-style-type: none"> <li>1) 1 x U-bolt for mast holder</li> <li>2) 2 x Washers</li> <li>3) 2 x Nuts</li> <li>4) 2 x cable ties</li> </ol>	
<b>Rain Sensor</b>	<ol style="list-style-type: none"> <li>1) Base and funnel</li> <li>2) 9.7m cable (already attached to the main unit)</li> </ol>	<ol style="list-style-type: none"> <li>1) 2 x Screws and Plastic anchors</li> </ol>	

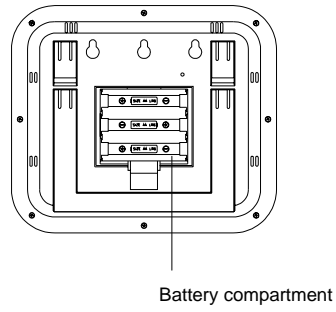
### Setting Up:

**Important:** Operating power is supplied to both the wind and rain sensors by the thermo-hygro transmitter

#### Thermo-Hygro Transmitter



#### Weather Centre/Base Station



#### Setting up using batteries:

- 1) **Sensors:** Pull and remove the protective rain cover of the **Thermo-Hygro Transmitter** to reveal 2 socket ports and the battery cover. Insert the cables of the wind and rain sensors in the correctly marked sockets. Slide open the

battery compartment and checking the correct polarity insert 2 x AA IEC, LR6 1.5V batteries and replace the cover and rain cover

- 2) **Base Station:** Now open the battery cover at the back of the unit and checking the correct polarity insert 3 x AA IEC, LR6 1.5V batteries and replace the battery cover

**Performing a function test and Setting time manually:**

1. After powering up the units, the base station has to synchronize to the transmitter/sensors before the weather data can be received.
2. Afterwards, the Weather Centre will start receiving data from the transmitter. The outdoor temperature, humidity, wind chill and wind speed should then be displayed on the Weather Centre. If this does not happen after 30 seconds, the batteries will need to be removed from both units. You will have to start again from the beginning.
3. You may then check all cables for correct connection and all components for correct function by manually turning the wind-gauge, moving the weather-vane, tilting the rain sensor to hear the impact of the internally moving seesaw, etc.
4. Time and date shall be manually set.
5. After the weather centre has been checked and is functioning correctly, the initial set up of the weather centre system is finished and the mounting of the system components can take place. It must be ensured however that all components work properly together at their chosen mounting or standing locations. If e.g. there appear to be problems with the 915 MHz radio transmission, they can mostly be overcome by slightly changing the mounting locations.

**Note:**

Should any outdoor data not be received from the transmitter/sensors (when “- - -” is displayed), check all cables are correctly installed. Then user shall remove the batteries from all units and redo the set-up procedures after about 5 minutes. Wind speeds that read zero does not mean reception failure, it simply means that there was no wind at the time of reading the data.

**Mounting the units:**

**Important:** Ensure all signals can be received and/or all cable distances meet with your requirements at the point of fixing particularly before you start drilling any mounting holes.

**Wind sensor**

Secure the main unit to the shaft of the mast holder using the single screw provided with the front of the sensor (marked E) facing in the East-West direction otherwise wind direction will not be accurate. Now fix the entire unit to a suitable mast using the U-bolt, washers and nuts found in this set.

**Note:** For best results mount the wind sensor onto a mast to allow the wind to freely travel from all directions to enable an accurate reading (ideal mast size should be from 16mm to 32mm). Ensure that the cable of the wind sensor meets your distance requirements

**Rain sensor**

The rain sensor should be mounted horizontally about 600mm to 900mm off the ground in an open area away from trees or other coverings to allow rain to fall naturally for an accurate reading.

**Note:** For best results ensure the base is horizontal to allow maximum drainage of any collected rain

**Thermo-hygro Transmitter**

To wall mount the thermo-hygro transmitter, fix the wall holder onto the desired wall (2 screws are supplied), plug the transmitter firmly into the wall holder and then carefully replace the rain cover back over the thermo-hygro transmitter.

**Note:** After mounting the units, should the weather data not be received, user may need to remove the batteries from all units and redo the set-up procedures after about 5 minutes.

**Distributed by:**

Sontax Australia  
Phone: 1800 653 238  
Email: [sales@sontax.com.au](mailto:sales@sontax.com.au)  
Website: [www.sontax.com.au](http://www.sontax.com.au)