

# Weather Reporter

Press anemometer firmly onto the mast, making sure it turns freely



**Thank you for choosing the Weather Reporter automatic data logging weather station.**

**Follow this guide to set up and install the Weather Reporter and it will give you many years excellent service.**

## **What's in the box?**

You will find the mast, pc serial cable, power supply, classroom box and anemometer, together with guidance sheets and a CD.

The CD contains the Weather Reporter software, user manual and curriculum materials.

## **First steps**

1. Assemble the anemometer as indicated in the diagram.
2. Run the CD and print out the WR Mark III Manual.
3. Follow the guidance overleaf.

## **Warning**

**Do not rest the mast on the ground as it may damage the pressure and humidity sensor at the base of the pole.**

# Testing the Weather Reporter

*Please refer to the pages in the Weather Reporter Manual for extra details.*

Have the assembled Weather Reporter ready for testing before putting it on the roof.

Look overleaf or on Step 1 Page 7 of the Manual (which should be ready at hand while you test the system)

Install the Weather Reporter Reader and Viewer programs on your computer

Use the CD installer for single users to test the Weather Reporter on one machine

Connect the cables for the Classroom Box and Power Supply

Refer to Step 2 Page 7 of the Manual where there is a diagram showing how to wire them up

Leave the Weather Reporter connected up and plugged into the power socket for at least an hour

This is to collect some weather data

Run the Reader program to begin testing and connect the serial or serial/ USB lead

The **Reader** program collects the data from the Weather Reporter. Step 3 Page 8 of the Manual.

Configure the correct port to link with the Weather Reporter

Click on **Configure** (See Page 11 of the Manual for guidance)

Run the Viewer program and check the sensors are providing expected data

When asked for the **WRreader Address**, just click **OK**, then check the **Weather Now** screen. Refer to Step 4 Page 8 in the Manual.

Run the Viewer program and check that the sensors are providing expected data

You can now calibrate the pressure sensor. Click on the **Configure** command in the **Reader** program.

## Everything working?

Congratulations – you can now set up the Weather Reporter on the roof. See Page 10 of the Manual for a step-by step guide.

## Something wrong?

Try the Weather Reporter FAQ on Page 27 of the Manual or on the web site. [www.advisory-unit.org.uk](http://www.advisory-unit.org.uk)