

LIABILITY DISCLAIMER

- The manufacturer and supplier cannot accept any responsibility for any incorrect readings and any consequences that occur should an inaccurate reading take place.
- This product is not to be used for medical purposes or for public information.
- This product is only designed to be used in the home as indication of the future weather and is not 100% accurate. Weather forecasts given by this product should be taken only as an indication and not as being totally accurate.
- The specifications of this product may change without prior notice.
- This product is not a toy. Keep out of the reach of children.
- No part of this manual may be reproduced without written consent of the manufacturer.

R&TTE Directive 1999/5/EC

Summary of the Declaration of Conformity : We hereby declare that this wireless transmission device does comply with the essential requirements of R&TTE Directive 1999/5/EC.

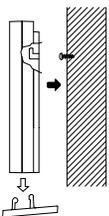
“OUTDOOR & MIN/MAX” key

When this key is pressed and held down, both the minimum and maximum recordings will be erased and reset to the current indoor temperature level.

With each press, the outdoor temperature will alternate between the current, minimum or maximum temperature readings.

When this key is pressed and held down, both the minimum and maximum recordings will be erased and reset to the current outdoor temperature level.

POSITIONING THE WEATHER STATION:

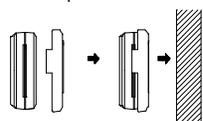


The Weather Station comes attached with a removable table stand, which provides the option of table standing or wall mounting the unit. Before wall mounting, please ensure that the signals of the outdoor temperature can be received from the desired location. To wall mount:

1. Fix a screw (not supplied) into the desired wall, leaving the head extended out the by about 5mm.
2. Remove the stand by pulling it away from the base of the Weather Station and hang the station onto the screw. Ensure that it locks safely into place before releasing.

POSITIONING THE OUTDOOR TRANSMITTER

The Temperature Transmitter is supplied with a holder that may be attached to a wall with the three screws or double-sided tape (supplied). To attach to the wall, please follow the steps below:



1. Mark the wall using a pen through the holes in the holder to obtain the exact drilling position.
2. Drill holes in the wall at the points marked.
3. Screw holder onto wall.

There is also double sided tape included with the wall mount. This can be used instead of drilling. Please mount this on a smooth surface instead of a brick one. The surface can, however, affect the transmission range, for example: if the unit is attached to a piece of metal, it may then either reduce or increase the transmitting range. For this reason, we recommend not placing the unit on any metal surfaces or in any position where a large metal surface is in the immediate proximity (garage doors, double glazing etc.). **Choose a sheltered place. Avoid direct rain and sunshine.** Before securing in place, please ensure that the Weather Station can receive the signal from the Temperature Transmitter at the position that you wish to situate them. The Temperature Transmitter clicks in or out of the holder easily. When inserting or removing the Temperature Transmitter from the wall holder please hold both units securely.

RESETTING:

From time to time, resetting of the Weather Station is necessary. E.g. if used batteries need to be changed or when the unit is moved to a new location. To reset:

1. Open the battery cover and remove batteries from the both the Temperature transmitter and the Weather Station.
2. Wait at least 30 seconds and then repeat the procedures specified in **Setting up** (above).

REPLACING BATTERIES:

For best performance, replace batteries once a year to maintain optimum running accuracy.



Please help in the preservation of the environment and return used batteries to an authorized depot.

CARE AND MAINTENANCE:

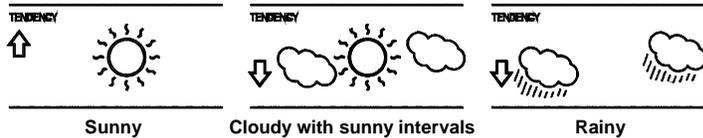
- Extreme temperatures, vibration and shock should be avoided as these may cause damage to the unit and give inaccurate forecasts and readings.
- When cleaning the display and casing, use a soft damp cloth only. Do not use solvents or scouring agents as they may mark the LCD and casing.
- Do not submerge the unit in water.
- Immediately remove all low powered batteries to avoid leakage and damage. Replace only with new batteries of the recommended size.
- Do not make any attempts to repair the unit. Return it to its original point of purchase for repair by a qualified engineer. Opening and tampering with the unit may invalidate its guarantee.
- Do not expose the unit to extreme and sudden temperature changes, this may lead to rapid changes in forecasts and readings and thereby reduce its accuracy.

SPECIFICATIONS:

Recommended operating temperature	:	0°C to +50°C
Temperature measuring range	:	
Indoor	:	-9°C to +69°C with 1°C resolution
Outdoor	:	-29.9°C to +69.7°C with 0.1°C resolution
Relative humidity measuring range	:	(“OFL” displayed if outside this range) 21% to 95%
Indoor Temperature checking interval	:	(“- - -” displayed if outside this range) every 8 seconds
Outdoor Temperature reception	:	every 5 minutes
Power source	:	
Receiver	:	2 x AA, IEC, LR6, 1.5V
Transmitter	:	2 x AAA, IEC, LR3, 1.5V
Battery life cycle	:	approximately 12 months (Alkaline batteries recommended)
Dimensions (L x W x H)	:	
Weather Station (without stand)	:	99 x 30 x 100 mm
Outdoor Transmitter	:	59 x 22 x 65 mm

THE WEATHER FORECASTING ICONS

There are 3 weather icons on the second line of LCD which can be displayed in any of the following combinations:



For every sudden or significant change in the air pressure, the weather icons will update accordingly to represent the change in weather. If the icons do not change, then it means either the air pressure has not changed or the change has been too slow for the Weather Station to register. However, if the icon displayed is a sun or raining cloud, there will be no change of icon if the weather gets any better (with sunny icon) or worse (with rainy icon) since the icons are already at their extremes.

The icon displayed forecasts the weather in terms of getting better or worse and not necessarily sunny or rainy as each icon indicates. E.g. if the current weather is cloudy and the rainy icon is displayed, it does not mean that the product is faulty because it is not raining, it simply means that the air pressure has dropped and the weather is expected to get worse but not necessarily rainy.

Note:

After setting up, readings for weather forecasts should be discarded for the next 12-24 hours. This will allow sufficient time for the Weather Station to operate at a constant altitude and therefore result in a more accurate forecast.

Common to weather forecasting, absolute accuracy cannot be guaranteed. The weather forecasting feature is estimated to have an accuracy level of about 75% due to the varying areas the Weather Station has been designed for use in. In areas that experience sudden changes in weather (for example from sunny to rain), the Weather Station will be more accurate compared to use in areas where the weather is stagnant most of the time (for example mostly sunny).

If the Weather Station is moved to another location significantly higher or lower than its initial standing point (for example from the ground floor to the first floor of a house), reset both unit (see **Resetting**). By doing this, the Weather Station will not mistake the new location as being a possible change in air-pressure when really it is due to the slight change of altitude. Again, discard weather forecasts for the next 12 to 24 hours as this will allow time for operation at a constant altitude.

THE WEATHER TENDENCY INDICATOR

Working together with the weather icons are the weather tendency indicators (located on the left hand side of the weather icons). When the indicator points upwards, it means that the air-pressure is increasing and the weather is expected to improve. When the indicator points downwards, the air-pressure is dropping and the weather is expected to become worse.

Taking this into account, we can see how the weather has changed and is expected to change. For example, if the indicator is pointing downwards together with cloud and sun icons, then the last noticeable change in the weather was when it was sunny (the sun icon only). Therefore, the next change in the weather will be cloud with rain icons since the indicator is pointing downwards.

Note:

Once the weather tendency indicator has registered any change of weather, it will remain permanently visualized on the LCD.

OUTDOOR TEMPERATURE READING:

The outdoor temperature reading is located on the bottom row of the LCD and will automatically be displayed from when the batteries were inserted. If the outdoor temperature does not show on the LCD within 10 minutes a reset (see **Reset** below) becomes necessary. See also item "**433 MHz Reception Check**" on this.

433MHZ RECEPTION CHECK

If the temperature data is not being received 10 minutes after setting up (the display shows "-- --") please check the following points:

1. The distance of the Weather Station or Temperature transmitter should be at least 1.5 to 2 meters away from any interfering sources such as computer monitors or TV sets.
2. Avoid placing the Weather Station onto or in the immediate proximity of metal window frames.
3. Using other electrical products such as headphones or speakers operating on the same signal frequency (433MHz) may prevent correct signal transmission and reception.
4. Neighbours using electrical devices operating on the 433MHz signal frequency can also cause interference.

Note:

When the 433MHz signal is received correctly, do not re-open the battery cover of either the transmitter or Weather Station, as the batteries may spring free from the contacts and force a false reset. Should this happen accidentally then reset all units (see **Reset** below) otherwise transmission problems may occur.

The maximum transmission range is around 25 m from the transmitter to the Weather Station (in open space). However, this depends on the surrounding environment and interference levels. If no reception is possible despite the observation of these factors, all system units have to be reset (see **Reset** below).

USING THE WEATHER STATION:

"INDOOR & MIN/MAX" key

With each press, the LCD screen will alternate between the current, minimum or maximum indoor temperature readings.

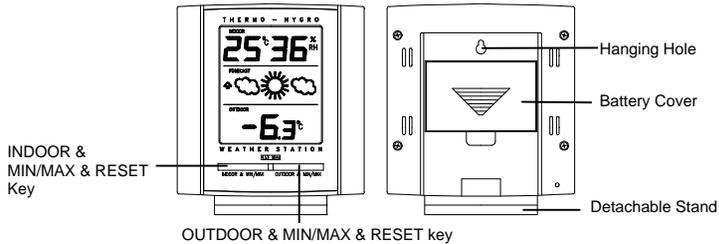
WIRELESS 433 MHz WEATHER STATION

Instruction Manual

INTRODUCTION:

Congratulations on purchasing this Wireless Weather Station as an example of superior design and engineering. The operation of this product is simple and straightforward and by reading this instruction manual, users will gain the optimum benefits of all its features.

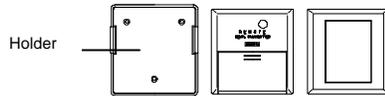
The Weather Station:



FEATURES:

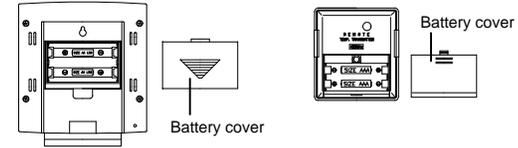
- Indoor temperature reading in °C with minimum and maximum recording.
- Outdoor temperature reading in °C with minimum and maximum recording.
- Indoor relative humidity reading
- Weather forecasting with 3 weather icons
- Weather tendency indicator
- Wall mountable or table standing

The Outdoor Transmitter:



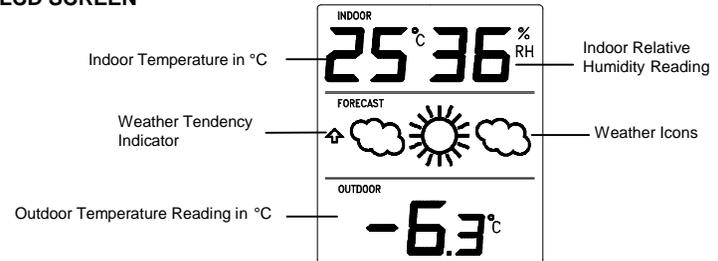
SETTING UP:

1. To set up, firstly open the battery cover at the back of the transmitter and the Weather Station.
2. Checking the correct polarization, insert 2 x AA, IEC LR6, 1.5V batteries into the battery compartment of the Weather Station and replace the cover.
3. Checking the correct polarization, insert 2 x AAA, IEC LR3, 1.5V batteries into the battery compartment of the outdoor transmitter and replace the cover.



4. Position the outdoor transmitter in an appropriate location at such a distance to the Weather Station (typically up to 25m) that sufficient communication via 433MHz signal is guaranteed (see **Positioning**).
5. The transmitter needs to be started within 3 minutes of starting the Weather Station, otherwise reception problems may occur. If there is no reception after 10 minutes i.e. the display shows "--", then both units need to be reset (see '**433MHz Reception Check**' and '**Reset**').
6. Now check that the Weather Station has received the indoor temperature and humidity readings on the LCD. The outdoor temperature will be transmitted by 433 MHz signals.

LCD SCREEN



Immediately after inserting the batteries into the receiver, all the segments on the LCD screen will light up briefly, before displaying the indoor and outdoor temperatures and humidity readings as well as the sun with cloud icons.

INDOOR TEMPERATURE READING:

On the top line left hand side of the LCD is the indoor temperature reading. The Weather Station will automatically start measuring the indoor temperature once the batteries are inserted.

RELATIVE HUMIDITY READING:

The relative humidity display is next to the indoor temperature reading. With this feature, users can determine how comfortable the relative humidity is within their current indoor surroundings. Again, readings will automatically be taken once the batteries are inserted.