

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.

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.

Specification:

Recommended operating temperature	: 0°C to +60°C
Indoor temperature measuring range	: 0°C to +60°C with 1°C resolution (" - " displayed if outside this range)
Relative humidity measuring range	: 20% to 85% (" - " displayed when either indoor temperature shows " - " or the measured humidity is out of the measuring range)
Data checking interval	
Indoor Temperature	: every 8 seconds
Indoor Relative Humidity	: every 16 seconds
Power source	
Receiver	: 2 x AAA, IEC, LR3, 1.5V batteries
Battery life cycle	: approximately 12 months (Alkaline batteries recommended)
Dimensions (L x W x H)	
Weather Station (without stand)	: 80 x 23 x 120 mm

pointing downwards. However it doesn't necessarily mean that it will rain, it means that the weather is expected to get worse.

The weather tendency indicator remains on the LCD regardless of the current weather. If it is raining, and the arrow is pointing downwards, it means that the weather will remain poor, but if the weather is sunny and the arrow is pointing upwards, it means that the weather is expected to improve.

Relative Humidity reading:

The relative humidity display is located on the third section of the LCD. 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.

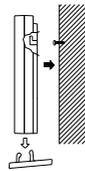
Using the Weather Station:

"MIN/MAX" key With each press, the LCD screen will alternate between the current, minimum or maximum indoor temperature readings.

When this key is pressed and held down for 2 seconds, both the minimum and maximum recordings will be erased and reset to the current indoor 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.



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.

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 Weather Station.
2. Wait at least 30 seconds and then repeat the procedures specified in **Setting up** (above).

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.

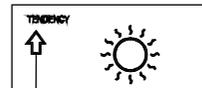
Common to weather forecasting, absolute accuracy cannot be guaranteed. The weather forecasting feature is estimated to have an accuracy level of about 75% due to the varying areas the Weather Station has been designed for use in. In areas that experience sudden changes in weather (for example from sunny 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 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.

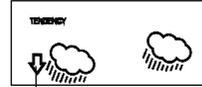
The weather tendency indicator

The weather tendency indicator is located on the left-hand side of the weather icons and shows the change in weather which assist in the forecast of the expected weather.

The tendency indicator can be displayed as follows:



Tendency indicator pointing upwards

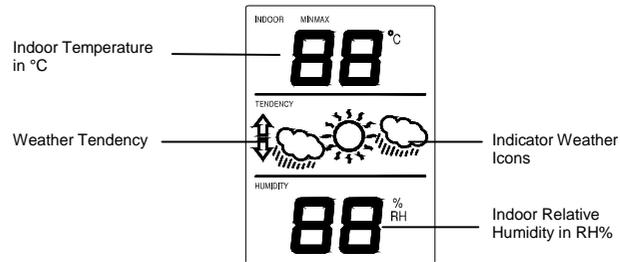


Tendency indicator pointing downwards

- **Tendency indicator pointing upwards:**
This means that the air-pressure is increasing and so the weather is expected to improve.
- **Tendency indicator pointing downwards:**
This means that the air-pressure is decreasing and so the weather is expected to become worse.

Taking this into account, the weather Station can also show how the weather has changed and is expected to change. For example, if the arrow pointing downwards is displayed together with cloud and sun icons, then the last noticeable change in the weather was when it was sunny (the sun icon only was shown). This means that the next change in the weather will be rainy icons since the tendency arrow is

LCD Screen

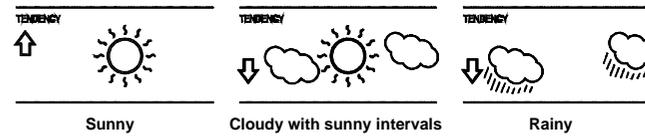


Indoor Temperature Reading:

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

The Weather Forecasting Icons

There are 3 weather icons on the second section 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.

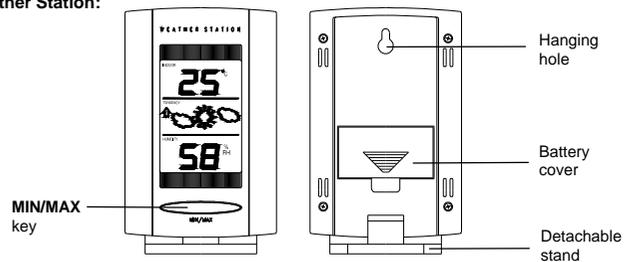
The icon displayed forecasts the weather in terms of getting better or worse and not necessarily sunny or rainy as each icon indicates. E.g. if the current weather is cloudy and the rainy icon is displayed, it does not mean that the product is faulty because it is not raining, it simply means that the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

Thermo-hygro Weather Station Instruction Manual

Introduction:

Congratulations on purchasing this Thermo-hygro 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 Celsius (°C) with minimum and maximum recording.
- Indoor relative humidity reading
- Weather forecasting with 3 weather icons.
- Weather tendency indicator.
- Wall mountable or table standing.

Setting up:

1. To set up, firstly open the battery cover at the back of the Weather Station.
2. Checking the correct polarization, insert 2 x AAA, IEC LR3, 1.5V batteries into the battery compartment of the Weather Station and replace the cover.
3. After inserting the batteries, all the segments in LCD screen will light briefly, before displaying the indoor temperature and humidity readings, and weather forecast icon.
4. Now check that the Weather Station has received the indoor temperature and humidity readings on the LCD.

