Thank you for purchasing this Weather Station, Please read the operating instructions carefully to familiarize yourself with the features and modes of operation before using the instrument.

Keep the manual for future reference and pass it on with the device, if you pass on the device to other users.
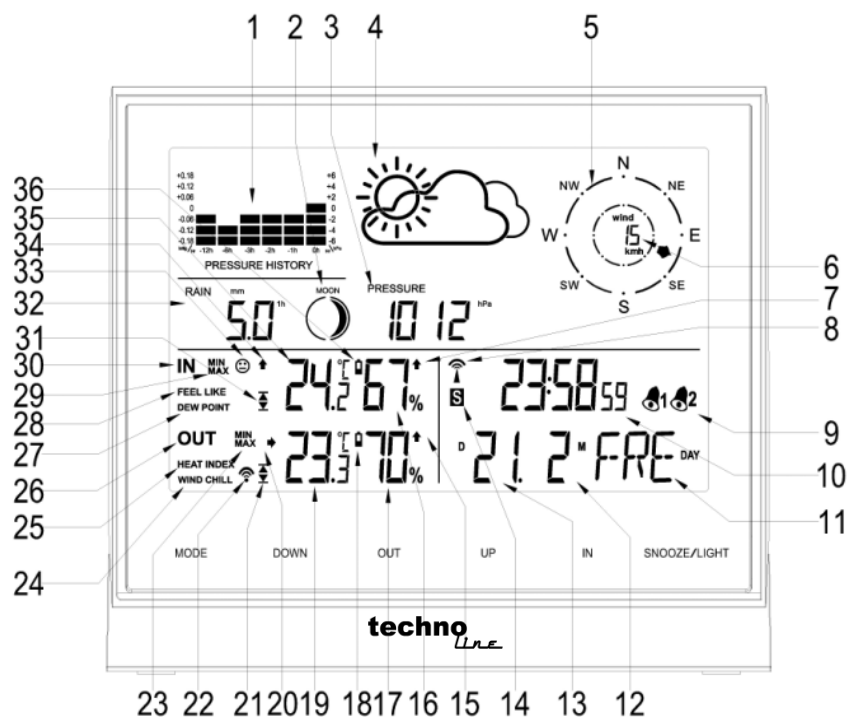
NOTE: Always remember to use high quality batteries & change them at least once per year.
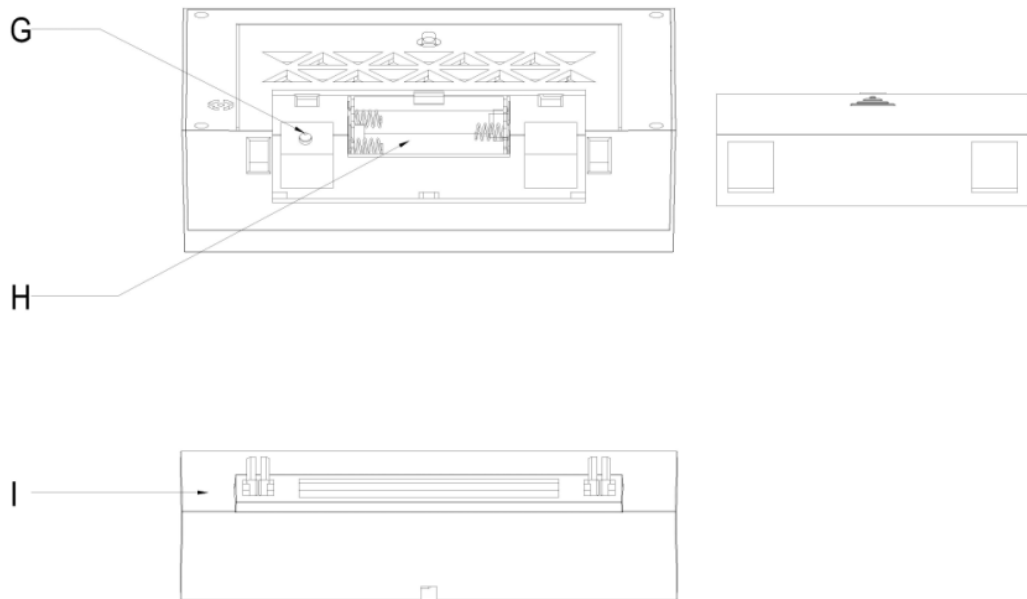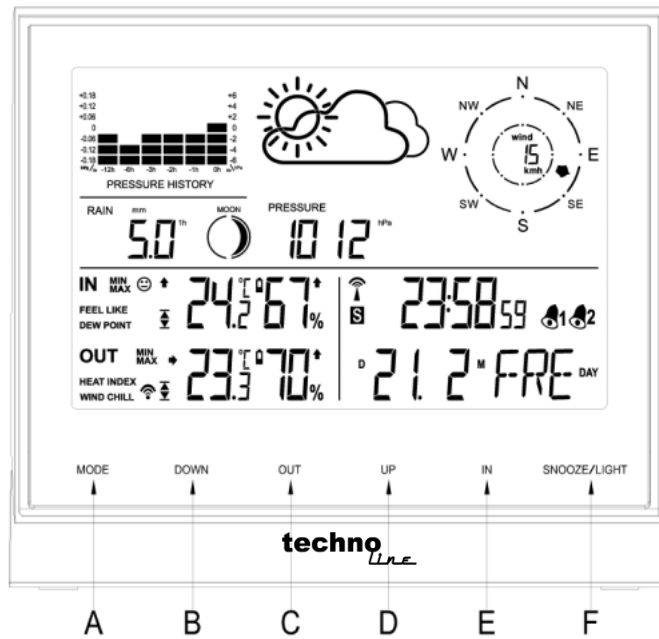
Package Contents

Carefully unpack and remove the contents:

- 1x Weather station main unit
- 1x Stainless steel mast
- 1x Thermo-hygro sensor
- 1x Rain sensor
- 1x Wind speed sensor
- 1x Wind direction sensor
- 1x Radiation shield
- Mounting screws
- Stainless steel accessory for fixing the mast.

Product overview

1 12 hour air pressure history bar	9 Alarm
2 Moon phase	10 Time
3 Air pressure	11 Day of week
4 Weather forecast	12 Month (in DM mode) / Date (in MD mode)
5 Wind direction	13 Date (in DM mode) / Month (in MD mode)
6 Wind speed	14 Daylight Saving Time
7 Indoor humidity trend	15 Outdoor humidity trend
8 Radio Controlled Clock indicator	16 Indoor humidity

17 Outdoor humidity	29 Indoor MAX / MIN
18 Outdoor low battery indicator	30 Indoor information
19 Outdoor temperature	31 Indoor temperature alert
20 Outdoor temperature trend	32 Rainfall
21 Outdoor temperature alert	33 Living space icon
22 RF outdoor sensor reception indicator	34 Indoor temperature trend
23 Outdoor MAX / MIN	35 Indoor temperature
24 Wind Chill	36 Indoor low battery indicator
25 Heat Index	
26 Outdoor sensor information	G Power adaptor socket
27 Dew point	H Battery compartment
28 Feel like	I Stand

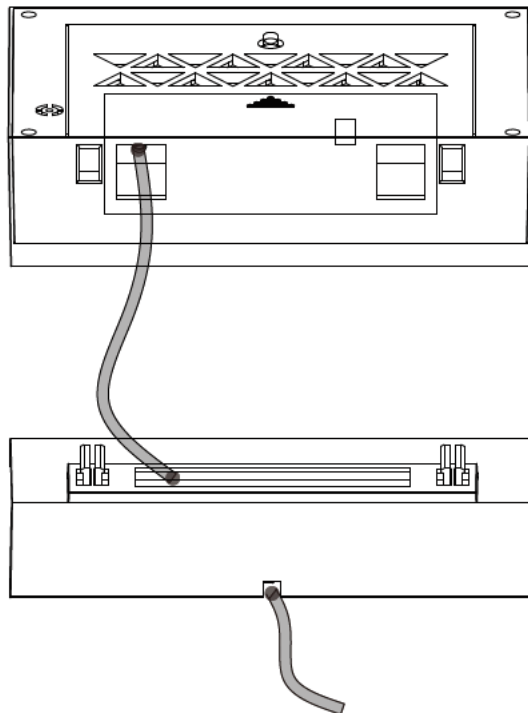|	Press button	Hold button
(A) MODE	Time / Alarm1 / Alarm2 / In temp alert / Out temp alert mode switching	Setting the time, setting the alarm time, setting the temperature alert
(B) DOWN	1. One step back in setting 2. View the rainfall 1hr / 24hr / TOTAL 3. Alarm on / off in alarm mode	Clear the rainfall reading
(C) OUT	View heat index and wind chill	Search for Radio Frequency outdoor sensor
(D) UP	1. One step forward in setting 2. View the Max / Min temperature and humidity 3. Alarm on / off in alarm mode	Clear the Max / Min temperature and humidity record
(E) IN	View feel like / dew point	Start or end RCC reception
(F) SNOOZE/ LIGHT	1. Activates alarm snooze 2. Display back light (when without power adaptor plugged in) 3. Change display brightness (when power adaptor plugged in)	Altitude and weather icon setting

Getting Started with Power Supply

Insert batteries:

1. Gently remove the stand downwards and remove battery compartment cover from the main unit.

2. Insert 2 x AA Mignon batteries, matching the polarities (+/-).

DC Power:

1. Put the power cable pass through the hole in the stand, plug the power cable to the power jack and plug the power adapter into a suitable power outlet.

NOTE

It is recommended to insert the battery as backup for regular dc power.

Outdoor sensor

1. Pull away the radiation shield off the thermo-hygro sensor to reveal the 2 sockets for the wind sensor and rain sensor.

2. Open the thermo-hygro sensor battery door, insert 2 x AA Mignon batteries, matching the polarities (+/-).
   Note: To prevent water from entering the sensor, it is important to make sure the battery lid closes tightly.

3. Place the sensor near the main unit in order to establish an effective wireless transmission. Do not place the sensor outside until the transmission has be confirmed.
4. Observe the LCD screen to see outdoor temperature and humidity displayed to confirm the transmission is completed

NOTES:

- First plug in the adaptor or insert the batteries of main unit, then insert the batteries of the outdoor sensor in 3 minutes after the main unit is powered on, to assure of the sensor data received well.

  In case of the outdoor sensor data received failure, please press "**OUT"** key for more than 3 seconds to synchronize the transmission signal.

- Every time the power adaptor gets unplugged and with no batteries inserted, the main unit will lose all the weather data.

- Every time the outdoor sensor batteries are replaced, the sensor will synchronize with the main unit again. You must press the "**OUT"** key for more than 3 seconds to synchronize the reception signal.
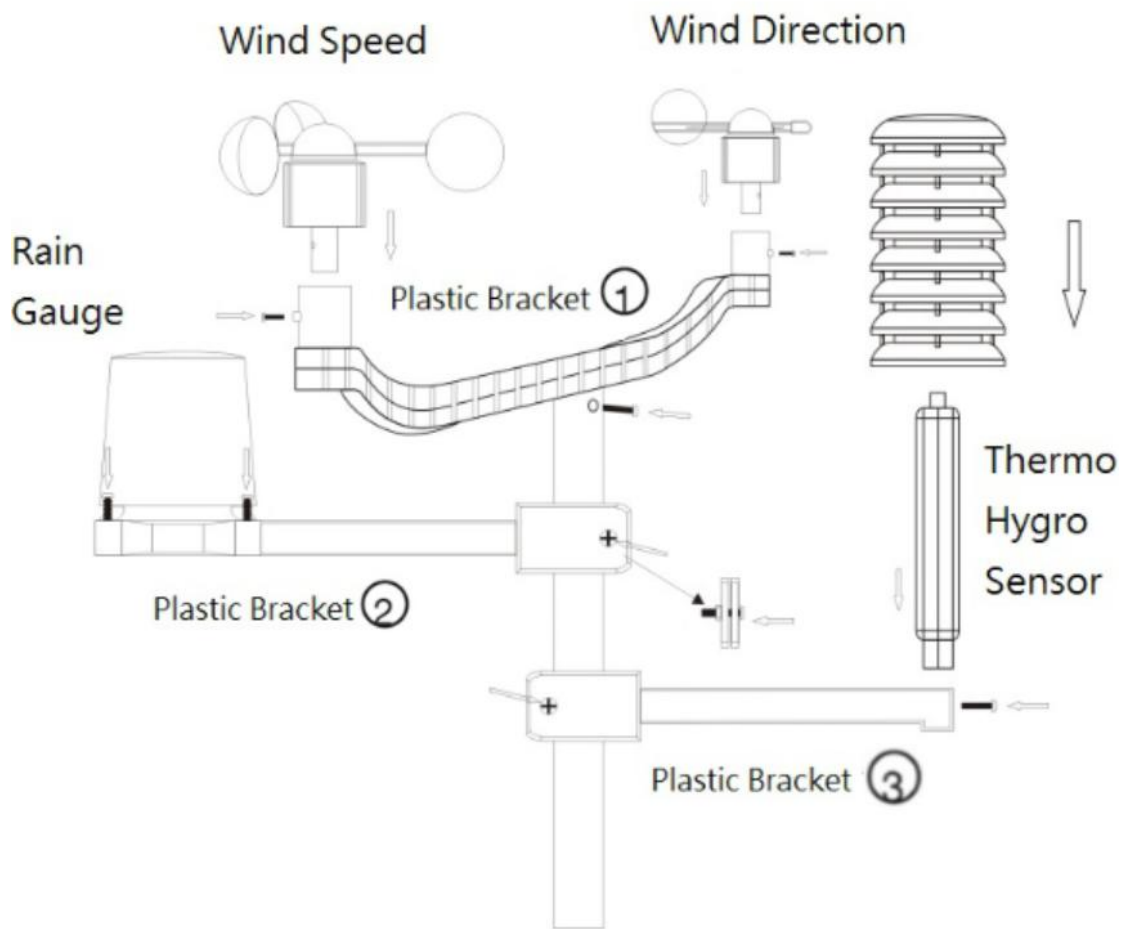
Mounting the main unit

The main unit can be placed onto any flat surface or wall mounted at the desired location by hanging hole, It is important to check that the radio signal (from the outdoor sensor and from the DCF77 time signal) can be received well before mounting.

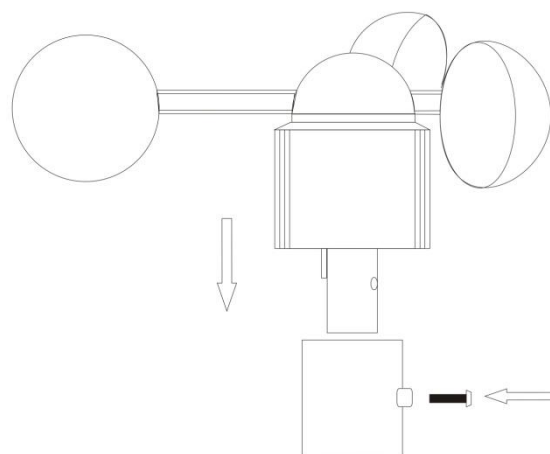**1) Mounting the outdoor sensor onto the stainless steel mast**

Attention!! Before the assembly of the outdoor sensor, the transmission between main unit and the thermo-hygro sensor must be established

For accurate results, the outdoor sensor mast should be securely mounted onto a horizontal surface and in an open area away from trees and other coverings where rainfall or wind speed may be reduced causing inaccurate reading.
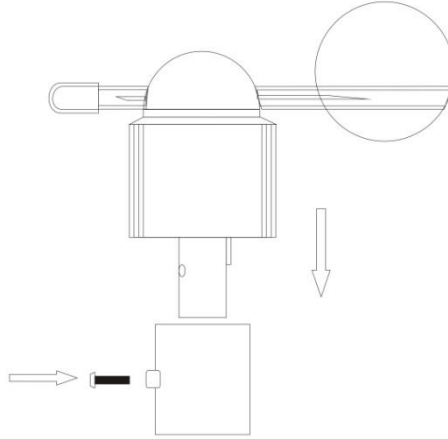
The following diagram shows how the parts go together.

Wind Speed   Wind Direction

Rain
Gauge

Plastic Bracket ①

Thermo
Hygro
Sensor

Plastic Bracket ②

Plastic Bracket ③

2) Mounting the wind speed sensor to the ① plastic bracket：first check the wind-fan can rotate freely before fixing. The wind speed sensor should now be mounted onto the bracket provided to allow the wind to travel around the sensor unhindered from all directions.Then fix it with bolt and screw. Please follow the below display:
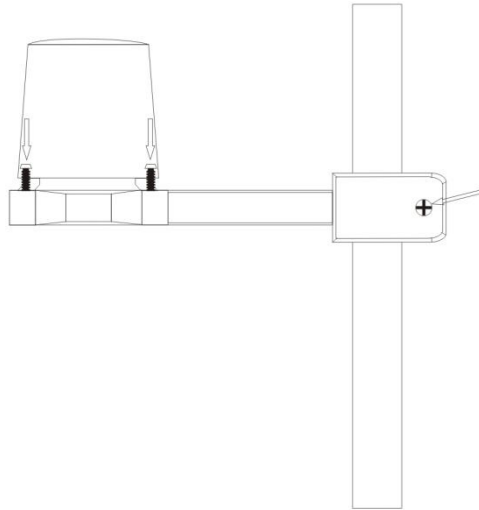
3) Mounting the wind direction sensor to the ① **bracket**: first check the wind direction sensor before fixing, the wind direction sensor should now be mounted onto the bracket provided to allow the wind to travel around the sensor unhindered from all directions. Then fix it with bolt and screw. There is one cable from wind speed sensor, please insert it into the socket under the wind direction sensor. Please follow the below display:

Attention!! Please align the "North" indicator sticker with the NORTH direction to enable it to record accurate reading
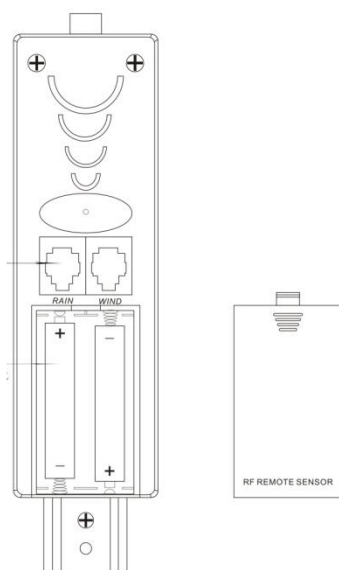
4) Mounting the rain sensor to the ② **bracket:** there are vertical engraved lines at the bottom edge of the round cover and the sensor part, you only need adjust the two line into one position, then turn clockwise, the rain sensor part will be connected well, then fix them with 4 screws and bolt onto the plastic bracket. Please follow the below display：
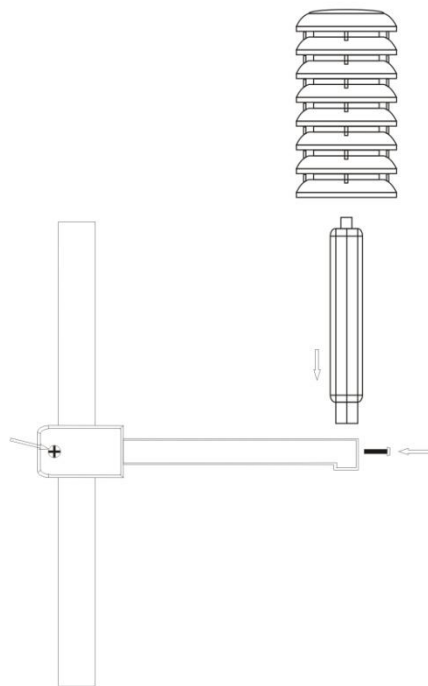
- Note: The cover of the Rain Gauge can be removed by rotating in an anti-clockwise direction. When replacing the cover it will only fit in one position. When you find the correct position it fits snugly on, and then rotate it clockwise to secure the cover in place.
- It is important that the cover is securely located.

5) Mounting the thermo-hygro sensor to the ③ bracket:

Once the wind sensors and rain sensor are fixed onto the bracket, insert the cables from the Wind Sensor & the Rain Gauge into the correct sockets. These are label on the plastic under the sockets.

So that data can be transmitted to the main unit, then put the radiation shield onto the thermo-hygro sensor, please follow the below display:

> **Note**: please don't put in or take off the plug very often,or put the plug outside in the air so long time to avoid any damage of the plug , as this can result in bad connection.

6) Mounting all the sensors onto the stainless steel mast and fix the whole parts at outdoor open area (please refer to the illustration above)

Note: please make sure all the cables are connected well into the sockets)

Initial Operation

- After inserting the batteries, the altitude flashing in meters, press **"UP "** or **"DOWN "** to set the altitude of your position, then press **"SNOOZE/LIGHT"** to confirm
- The weather icon flashing, press **"UP "** or **"DOWN "** to choose the weather, then press **"SNOOZE/LIGHT"** to confirm
- The main unit will connect with the outdoor sensor by RF signal.
  The RF signal symbol at the out area will flash.
- This process takes about 3 minutes. Then the display shows the outdoor temperature /humidity/wind speed/wind direction/rainfall, in case of failure of reception , please press "OUT**"** for more than 3 seconds to receive again.

- The automatic receiving of the DCF77 radio signal begins after 3 minutes of outdoor RF reception.
- This RCC reception process is going on,the flashing symbol "radio tower" appears in the time display area at the same time.
- Once radio signal receiving is successful, the display shows the symbol "radio tower" continuously

Reception of radio controlled signal

- DCF77 radio signal search starts automatically about 3 minutes after battery exchange. The "radio tower" signal is flashing.
- Press **"IN"** for more than 3 seconds to enter or quit the Radio controlled signal reception
- Flashing "radio tower" symbol stands for DCF77 radio signal reception started.
- Continuous "radio tower" symbol stands for DCF77 radio signal reception successful.
- If the synchronization is unsuccessful, the "radio tower" symbol disappears.
- The clock synchronizes with the DCF77 radio signal automatically and daily from 1:00AM to 3:00AM to correct potential time deviations each hour. If the reception is unsuccessful, a further synchronization attempt is made at 4:00AM and 5:00AM until success. If it is still not success at 5:00AM, the daily reception will stop.

Information

- Please observe a minimal distance of 2.5m to sources of interference such as televisions or computer screens.
- The radio signal is weaker in rooms with concrete walls (e.g. in the basement) and in office buildings. For extreme cases, please put the main unit near a window.
- There are less atmospheric disturbances at night. A radio time signal reception is usually possible at that time. One synchronization per day is sufficient to keep the time display accuracy at 1 second.

Hint
You can adjust the time manually in case the clock cannot receive the DCF radio signal (due to interference, large distance to the sender, obstructions like mountains, etc.) As soon as the radio signal can be received, the clock will be adjusted automatically.

Manual setting

- Press **"MODE"** to switch to the "Time display mode"
- Press and hold the **"MODE"** button for 3 seconds.
- The 12/24 hour flashing. Use **"UP "** and **"DOWN "** to select.
- Press **"MODE "** to confirm.
- The display for the time zone is flashing. Use **"UP "** and **"DOWN "** to select the time zone (-12 to +12).
- Press **"MODE "** to confirm.
- The DM/MD flashing, Use **"UP "** and **"DOWN "** to select.
- Press **"MODE "** to confirm.
- The display for the year is flashing. Use **"UP "** and **"DOWN "** to select the year.
- Press **"MODE "** to confirm.
- The display for the month is flashing. Use **"UP "** and **"DOWN "** to select the month.
- Press **"MODE "** to confirm.
- The display for the date is flashing. Use **"UP "** and **"DOWN "** to select the date.
- Press **"MODE "** to confirm.
- The display for the hour is flashing. Use **"UP"** and **"DOWN "** to select the hour.
- Press **"MODE "** to confirm.
- The display for the minutes is flashing. Use **"UP "** and **"DOWN "** to select the minutes.
- Press **"MODE "** to confirm.
- The language selection for the display of the weekdays is flashing. Use **"UP "** and **"DOWN "** to select the language (GER- German, ENG - English, ITA - Italian, FRE - French, DUT - Dutch, SPA - Spanish, DAN - Danish).
- Press **"MODE "** to confirm
- The °C/°F for temperature flashing, Use **"UP "**and **"DOWN "**to select the temperature unit.
- Press **"MODE "** to confirm.
- The hPa/inHg for air pressure flashing, Use **"UP "** and **"DOWN"** to select .
- Press **"MODE "** to confirm.
- The mm/inch for rainfall and kmh/mph flashing, Use **"UP "**and **"DOWN "**to select.
- Press **"MODE "** to confirm and exit setting mode.

Information:

- The station automatically exits the set-up mode if no keys are pressed for 20 seconds.
- Explanation for the time zone display:

   You can manually adjust the clock to the time zone of a country (up to 1500km distance to Frankfurt/Main) where the clock receives the DCF77 signal but where the actual time differs from the time received.

   If, e.g. the time in a given country is 1 hour ahead of the German time, set the time zone display to 01. The clock is now DCF77 controlled but the time is one hour ahead.

Daily alarm set-up

- Press **"MODE"** to switch to "Alarm1" mode, "A1" and the alarm displayed
- Press and hold the key "**MODE**" for 3 seconds ,the flashing alarm time are shown
- The hour display of the alarm time is flashing. Use "**UP** "and "**DOWN**" to select the hour. Press "**MODE**" to confirm.
- Then follow the minutes. Use "UP " and "DOWN " to select the minutes,
- Press "**MODE**" to confirm.
- Then press **"MODE"** to switch to "Alarm2" mode, "A2" and the alarm displayed
- Press and hold the key "**MODE**" for 3 seconds ,the flashing alarm time are shown
- The hour display of the alarm time is flashing. Use "**UP** "and "**DOWN**" to select the hour. Press "**MODE**" to confirm.
- Then follow the minutes. Use "UP " and "DOWN " to select the minutes,
- Press "**MODE**" to confirm.

Daily alarm on/off

- Press **"MODE**" to switch from time display to "Alarm 1" or "Alarm 2" mode
- When showing A1 or A2 alarm time, press **"UP"**or **"DOWN"** to activate the alarm with alarm symbol showing.
- Press **"UP'** or **"DOWN"** again to cancel the alarm
  Information:
- The clock automatically changes from set-up mode to time mode if no keys are pressed for 20 seconds.
- The alarm sounds for 2 minutes if no key is pressed to stop it.

Snooze function

To activate the snooze function, follow the steps below

- Press the key "**SNOOZE/LIGHT**", while the alarm sounds, to activate the snooze function.
- If the snooze function is activated, alarm symbol is flashing.
- The alarm repeat after 5 minutes.
- The snooze function can be stopped by pressing any other key than "**SNOOZE/LIGHT**"..

Temperature alert set-up

- Press **"MODE"** to switch to "Temperature alert" mode

- In the "Temperature alert" mode, the indoor / outdoor temperature alert upper limit and the ▲ icon displayed.

- Press **"MODE"** again the indoor / outdoor temperature alert lower limit and ▼ icon displayed.

- In the "Temperature alert" mode, press and hold the **"MODE"** key, until the "alert up / down" icon ▲▼ flashing.

- Press **"UP"** or **"DOWN"** to set the alert on or off. The "alert up / down" icon ▲▼ showed when it turned on.

- Press **"MODE"** to confirm

- The indoor upper limit temperature alert and the upper alert icon ▲ are flashing, press **"UP"** or **"DOWN"** to set the maximum alert temperature.

- Press **"MODE"** to confirm

- The indoor lower limit temperature alert and the lower alert icon ▼ are flashing, press **"UP"** or **"DOWN"** to set the minimum alert temperature.

- Press **"MODE"** to confirm

- The outdoor upper limit temperature alert and the upper alert icon ▲ are flashing, press **"UP"** or **"DOWN"** to set the maximum alert temperature.

- Press **"MODE"** to confirm

- The outdoor lower limit temperature alert and the lower alert icon ▼ are flashing, press **"UP"** or **"DOWN"** to set the minimum alert temperature.

- Press **"MODE"** to confirm, the weather station will return to the "Time display mode"

Information
- The clock automatically changes from temperature alert mode to time mode if no keys are pressed for 20 seconds.
- The lower alert temperature selected must at least be 1°C below the upper alert selected temperature.

Temperature alert ring:
- When the temperature reach the set alert level and when alert turned on, the alert symbol ▲▼ flash with alert sound

- Press any key to stop the alert sound, the alert symbol and corresponding temperature still flash until the temperature is out of alert range
- Or Press **"MODE"** to switch to the "Temperature alert mode", press and hold the **"MODE"** key to enter setup, then press **"UP"** or **"DOWN"** to deactivate the alert

12/24 hours mode

- The time display can be in 12（AM/PM）or 24 hours mode, please follow the "Manual set-up" section to select

°C/°F temperature display

- The temperature display can be in °C or °F, please follow the "Manual set-up" section to select.

Max. / Min. for the indoor/outdoor temperature and humidity

- Press **"MODE"** to switch to "Time display" / "Indoor temperature alert" / "Outdoor temperature alert" mode
- Press **"UP"** to display indoor and outdoor max temperature and humidity,
- Press **"UP"** again to display indoor and outdoor min temperature and humidity
- Hold **"UP"** for more than 3 seconds to clear up the max./min.

Wind speed in mph/kmh (0~256kmh)

- The wind speed can be shown in **mph** and **kmh**, please follow the "Manual set-up" section to select **mph/kmh,** the display of the speed is updated in case of the sensor updated every 1 minute.

Wind direction

- There will be 16 wind directions, the display of the direction is updated in case of the sensor updated every 1 minutes

Rainfall display (0~999.99mm)

- Rain fall can be shown in **mm** and **inch**, please follow the "Manual set-up" section to select the **mm/inch**.
- Press **"MODE"** to switch to "Time display" mode.
- Press **"DOWN"** to switch to 1Hour, press again to 24 Hour, then Total wind speed and rainfall

- Press and hold "**DOWN**" to clear up the volume accordingly, such as if showing 1 hour, clear up the data in 1 hour, others unchanged, if showing 24 hours, clear up the data in 24 hour, others unchanged.
- The max. of the rainfall is up to 999.99mm (99.99inch), the display is flashing in case of the max., you have to clear up the data by hand, otherwise, the data can not be updated any more.

Weather forecast

Sunny	Slightly Sunny	Cloudy	Rainy	Heavy Rain

Remarks：
- As the weather forecast is calculated by air pressure only, the display will have discrepancy with the actual weather.
- Currently displayed icon means the forecast for the next 12–24 hours. It may not reflect the current state of the weather.

Altitude setting and barometer

- After inserting batteries or plugged in adaptor into the weather station, or by pressing and holding the **"SNOOZE/LIHGT"** button, set your altitude for more precise pressure calculation.
- Use the **"UP"** and **"DOWN"** buttons to set a value in the range -190 m to 2000 m (10 m increment). , press **"SNOOZE/LIHGT"** to confirm.
- After setting the altitude, use **"UP"** and **"DOWN"** buttons to set the weather forecast icon, press **"SNOOZE/LIHGT"** to confirm
- For accurate barometric pressure trends, the weather station should operate at the same altitude for recordings (i.e. it should not be moved from the ground to the second floor of the house). When the unit is moved to a new location, discard readings for the next 12 hours and correct the height adjustment (see "Initial operation") if needed.
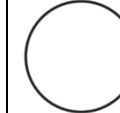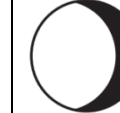
Temperature, humidity and pressure trends
- The arrow shows the trends of values of the temperature and humidity measurements on sensor or station.

Indications on the display			
Temperature and humidity trends	Rising	Constant	Falling

Moon phase display

Icons for the main phases of the moon are as follows:

New moon	Waxing crescent	First quarter	Waxing gibbous	Full moon	Waning gibbous	Last quarter	Waning crescent

Living space icon

The weather station uses saved data to determine the indoor humidity in the living space to show the respective symbols for your health and home environment.

Comfortable	☺
Dry	😐
Wet	☹

- If the indoor humidity is within 40–70 % RH and the temperature within 20–28 °C, the ☺ icon (comfortable environment) will be displayed.

- If the indoor humidity is lower than 40 % RH, the 😐 icon (dry environment) will be displayed.

- If the indoor humidity is higher than 70 % RH, the ☹ icon (wet environment) will be displayed.

- If the temperature is not within 20–28 °C and humidity is within 40–70% RH, no icon will be displayed.

Feel Like and Dew Point

Press **"IN"** to display "Feel Like", press "IN" again to display "Dew Point"

- **"Feel Like"** temperature is a measurement of how hot or cold you really feel like. It is measured by the temperature, humidity, and wind speed.
- **"Dew point"** is the temperature to which air must be cooled to become saturated with water vapor.
- When the dew point value is below 0°C, "LL.L" display
- When the dew point value is above 60°C, "HH.H" display

Heat Index and Wind Chill

Press **"Out"** to display "Heat Index", press "Out" again to display "Wind Chill"

- **"Heat Index"** combines the factors of heat and humidity. It is the apparent temperature of how hot it feels to a human being.
- Note: Heat Index is only displayed when temperature above 26.7°C
- **"Wind Chill"** is a measure of how cold felt by the body on exposed skin due to the flow of air.
- Note: Wind Chill is only displayed when temperature below 5°C and wind speed above 3kmh

Backlight

- When plugged in power adaptor, press **"Snooze/Light"** to dim the backlight brightness or turn the display off
- When powered by batteries only, the backlight will be automatically off after 10 seconds without pressing any keys, press **"Snooze/Light"** to activate it for 10 seconds.

Low battery condition display

The weather station displays the low battery condition symbol to remind the batteries of the weather station or the outdoor sensor need to be exchanged.

- Weather station low battery condition display: within indoor area of the display
- Outdoor sensor low battery condition display: in the outdoor area of the display

Troubleshooting

Display screen not working	• Check the batteries in main unit are inserted and power adaptor is plugged in correctly

No outdoor sensor reception	• Check the batteries in sensor are inserted correctly • Battery may need to be replaced • Relocate the weather station and the sensor. The maximum transimission range is 100m without obstriction • Press and hold **"OUT"** key for RF reception again • Try to reset the units, take the sensor near the weather station, reinstall the batteries and replug power adaptor, place the sensor outdoor until reception success • Check the distance of the weather station and the sensor from the sources of interference (computer monitors or television sets). It should be at least 1.5 to 2 m during the reception of the signal.
Rainfall display error	• Remove rain gauge cover to see if any obstruction inside • Make sure the rain gauge is mounted securely • Make sure the outdoor sensor cable connect properly
Inaccurate weather forecast	• Currently displayed icon means the forecast for the next 12–24 hours. It may not reflect the current state of the weather. • Set the correct altitdue • For accurate barometric pressure trends, the weather station should operate at the same altitude for recordings (i.e. it should not be moved from the ground to the second floor of the house). When the unit is moved to a new location, discard readings for the next 12 hours and correct the height adjustment if needed
No RCC signal	• Move the weather station to another location and try to detect the DCF signal again. • Check the distance of the weather station from the sources of interference (computer monitors or television sets). It should be at least 1.5 to 2 m during the reception of the signal. • When receiving DCF77 signal, do not put the weather station to the proximity of metal doors, window frames and other metal structures or objects (washing machines, dryers, refrigerators etc.). • In reinforced concrete structures (cellars, high-rise buildings etc.), the DCF signal reception is weaker, depending on the conditions. In extreme cases, place the weather station close to a window
Wrong temperature	• Press **"MODE"** to check if it is in alert mode. In the alert mode, the unit will display the alert upper or lower limit.

Care and maintenance

- Read carefully the manual before using this product.
- Do not expose the main unit to direct sunlight, extreme cold and moisture, and sudden changes in temperature. This would reduce the accuracy of detection.
- Do not place the product in locations prone to vibration and shocks – these may cause damage.
- Do not expose the product to excessive force, impacts, dust, high temperatures or humidity - these may cause malfunction, shorter battery life, damage to batteries and deformation of plastic parts.
- Do not expose the main unit to rain or moisture, if it is not intended for outdoor use.
- Do not place any open flame sources on the product, e.g. a lit candle, etc.
- Do not place the product to places with inadequate air flow.
- Do not insert any objects in the product vents.
- Do not tamper with the internal electric circuits of the product – you may damage it, which will automatically terminate the guarantee. The product should only be repaired by a qualified professional.
- To clean the product, use a slightly moistened soft cloth. Do not use solvents or cleaning agents - they could scratch plastic parts and damage electric circuits.
- Do not immerse the product in water or other liquids.
- The main unit may not be exposed to dripping or splashing water.
- In the event of damage or defect of the product, do not perform any repairs by yourself.
- The transmitter of the wireless indoor/outdoor thermometer works down to -20°C, but at low temperatures, especially for a long period of time, the batteries may freeze, which may prevent the transmitter from transmitting the signal to the receiver and at the same time the transmission range is reduced at very low temperatures.
- This device is not intended for use by persons (including children) whose physical, sensory or mental disability or lack of experience and expertise prevents safe use, unless they are supervised or instructed regarding use of the appliance by a person responsible for their safety. It is necessary to supervise children to ensure they do not play with the device.

Note
- Manufacturer reserves the right to change specifications of the product.
- Manufacturer and supplier are not responsible for malfunction where interference occurs.
- This product is not intended for medical or commercial purposes.

Environmental reception effects

The station obtains the accurate time with wireless technology. Same as all wireless devices, the reception is maybe affected by the following circumstances:

- long transmitting distance
- nearby mountains and valleys
- near freeway, railway, airports, high voltage cable etc.
- near construction site
- among tall buildings
- inside concrete buildings
- near electrical appliances (computers, TV's, etc) and metallic structures
- inside moving vehicles

Place the station at a location with optimal signal, i.e. close to a window and away from metal surfaces or electrical appliances.

Precautions

- This main unit is intended to be used only indoors. Only the transmitter should be used outdoors.
- Do not subject the unit to excessive force or shock.
- Do not expose the unit to extreme temperatures, direct sunlight, dust or humidity.
- Do not immerse in water.
- Avoid contact with any corrosive materials.
- Do not dispose this unit in a fire as it may explode.
- Do not open the inner back case or tamper with any components of this unit.

Batteries safety warnings

- Use only alkaline batteries, not rechargeable batteries.
- Install batteries correctly by matching the polarities (+/-).
- Always replace a complete set of batteries.
- Never mix used and new batteries.
- Remove exhausted batteries immediately.
- Remove batteries when not in use.
- Do not recharge and do not dispose of batteries in fire as the batteries may explode.
- Ensure batteries are stored away from metal objects as contact may cause a short circuit.
- Avoid exposing batteries to extreme temperature or humidity or direct sunlight.
- Keep all batteries out of reach from children. They are a choking hazard.

Use the product only for its intended purpose!

Consideration of duty according to the battery law

Old batteries do not belong to domestic waste because they could cause damages of health and environment. You can return used batteries free of charge to your dealer and collection points. As end-user you are committed by law to bring back needed batteries to distributors and other collecting points!

Consideration of duty according to the law of electrical devices

Technical data

a) Main Unit

- Barometer unit: hPa / inHg
- Barometer pressure measuring range: 850hPa to 1050hPa
- Weather display: Sunny, Slightly Sunny, Cloudy, Rainy, Storm
- Temperature unit: °C / °F
- Temperature measurement range: -9.9 °C to +50 °C
- Indoor temperature / humidity trend and max / min function
- Moon phase
- Humidity measurement range: 20 to 95%
- Living space humidity display
- Time display: 12/24 hour format
- Calendar: DD/MM or MM/DD
- Weekday in 7 languages: German, English, French, Italian, Dutch, Spanish, Danish
- Dual alarm with snooze function (5 minutes alarm interruption)
- Back light
- Power supply : 3 X AAA, UM-4, LR03 1.5V batteries, DC 5.0V power adapter

b) Outdoor sensor

- Transmission frequency: 433 MHz
- Transmission range: up to 100 m in open area with no obstruction
- Temperature measurement range: -20 °C to +70 °C
- Humidity measurement range: 20 to 95%
- Outdoor temperature / humidity trend and max / min function
- Rainfall measurement range: 0 to 999.99mm
- Wind speed measurement range: 0 to 256kmh
- Wind direction in 16 directions
- Power supply: 2 X AA, UM-3, LR6 1.5V batteries