VEVOR

Upgrade · The Home Creator Way

YT60309

VEVOR Support Center

Weather Station

Model:YT60309

VEVOR | Upgrade
The Home Creator Way

MODEL: YT60309



This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

	Warning-To reduce the risk of injury, user must read instructions manual carefully.
	This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:(1)This device may not cause harmful interference, and (2)this device must accept any interference received, including interference that may cause undesired operation.
	This product is subject to the provision of European Directive 2012/19/EC. The symbol showing a wheelie bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices

1.**Warning-**To reduce the risk of injury, user must read instructions manual carefully.
2.The product complies with relevant standards and regulations. Installation of this device must comply with all applicable regulations, and it should only be operated in well-ventilated areas. Please read the user manual before installing and using this equipment.
3.**WARNING:** Read all instructions prior to installation and operation. Failure to comply with safety warnings may cause electric shock, fire, explosion, serious injury or fatality. Improper operation will void the product warranty.

Electric Shock Hazard

DANGER: Solar panels produce DC voltage under sunlight. Terminals and internal parts may remain energized even when the unit is turned off.
Do not open, disassemble or touch live components. Always disconnect solar power and battery before maintenance or repair.
Installation must be completed by qualified personnel in accordance with local electrical codes.

Lithium Battery Safety

WARNING: This device contains built-in lithium-ion battery. Do not crush, puncture, disassemble or dispose of the battery in fire.
Never short-circuit battery terminals. Use only matched solar regulators and charging accessories specified by the manufacturer.
Operating temperature range: -20°C to +60°C. Keep away from intense direct sunlight and extreme high temperature.
Stop using the product immediately if the battery leaks, swells or emits smoke, and contact the supplier right away.

Outdoor & Enclosure Safety

WARNING: This monitor is designed for outdoor application. Do not use it in corrosive, flammable or explosive atmospheres.
Ensure the enclosure and cable connections are fully sealed to prevent ingress of rain, dust and moisture.
Do not step on, strike or apply heavy load to the device and solar panel.
Lightning Protection
WARNING: Install dedicated lightning protection devices for outdoor use in thunderstorm-prone areas.
Disconnect the system power during severe thunderstorms to avoid damage from lightning surge.

Maintenance & Storage

SAFETY PRECAUTIONS

WARNING! Please read and understand all safety precautions, operating instructions, and care/maintenance instructions before operating this appliance. Keep this manual for future reference.

- This product is not a toy. Keep out of the reach of children.
- This product is designed for use in the home only as indication of weather conditions.
- This product is not to be used for medical purposes or for public information.
- Do not clean the unit with abrasive or corrosive materials.
- Do not place the appliance near open flames or heal sources. Fire, electric shock, product damage, or injury might occur.
- Only use fresh new batteries in the product. Do not mix new and old batteries together.
- Do not disassemble, alter, or modify the product.
- Only use attachments or accessories with this product specified by the manufacturer.
- Do not submerge the unit in water. Dry the product with a soft cloth if liquid spills on it.
- Do not subject the unit to excessive force, shock, duct, extreme temperature, or humidity.
- Do not cover or block the ventilation holes with any objects.
- This display console of this product is intended to be used indoors only.
- This product is only suitable for mounting at height less than 2 m (6.6 ft.).
- Batteries are not included. When inserting batteries, make sure that the positive and negative polarities match with the markings in the compartment.
- Do not mix standard, alkaline, and rechargeable batteries together.
- Leaving a battery exposed to extremely high temperature in the surrounding environment can result in an explosion or leakage of flammable liquid or gas.
- Leaving a battery exposed to extremely low air pressure in the surrounding environment can result in an explosion or leakage of flammable liquid or gas.

TIPS FOR SENSOR SITE SELECTION

- Rain collector must be cleaned every few months.
- Sensor should be installed at least 1.5 m (5') away from any building or structure.
- Choose a location in open space under direct sunlight with no obstructions.
- The sensor should remain in line of sight and within 150 m (492') of the display console for consistent, steady transmission.
- Keep your sensor and display console away from household appliances that operate on the same frequency. The console and sensor should be at least 1 - 2 m (3' -7') away from such interferences.

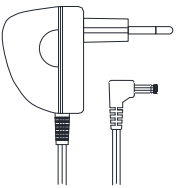
PRODUCT FEATURES

- Colorful and big digit display with super bright backlight.
- 9 functional buttons: SET, /TEMP, RAIN, WIND/+, /BARO/-, ALERT, MAX/MIN, CHANNEL, LIGHT/ SNOOZE.
- Self setting accurate atomic time function.
- Alarm with snooze function.
- Daylight Saving Time (DST) function.
- Time zone: -12~12.
- 8 languages for weekdays display.
- Moon Phase.
- Indoor & outdoor temperature (°C/°F) & humidity readings with trend.
- 4-level brightness of backlight.
- Hourly, Daily, Weekly, Monthly, Total rainfall and Rainfall rate in past hour.
- Average wind speed, gust wind speed and wind direction displays.
- Absolute and relative Barometric pressure displays with trend.
- Light intensity and UV index display.
- Weather index display : Feel likes, Wind Chill, Heat index. Dew point.
- Weather Forecasting.
- Max/Min reading.
- Weather alert settings.

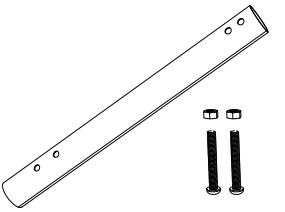
PACKAGE CONTENTS



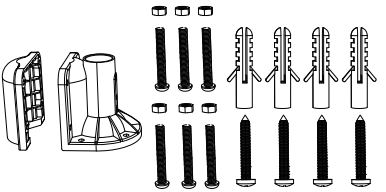
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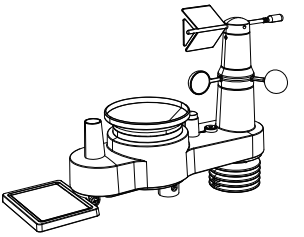
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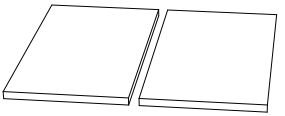
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5



6



7



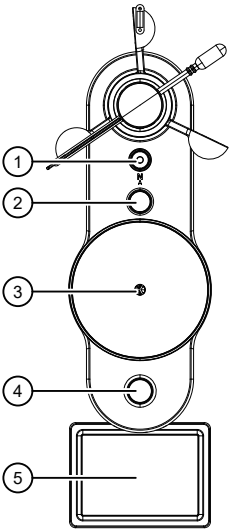
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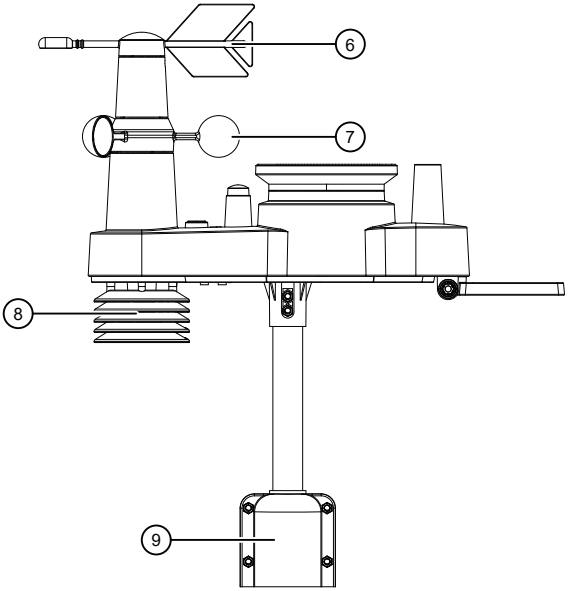
1. Display Console
2. Adapter
3. Mounting pole with 2 screws
4. Mounting brackets with 6 screws
5. Wireless 7-in-1 outdoor sensor
6. Rubber pads X 2
7. Screwdriver
8. User guide

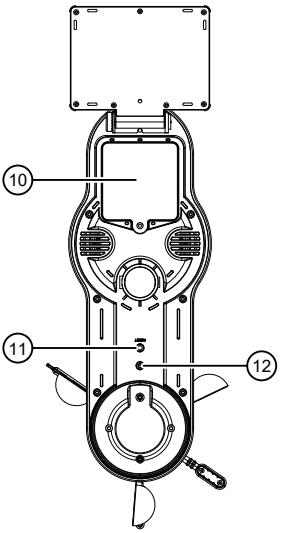
PRODUCT OVERVIEW

WIRELESS 7-IN-1 OUTDOOR SENSOR

① Bubble level gradienter
② Antenna
③ Rain collector
④ UV/light sensor
⑤ Solar panel
⑥ Wind direction vane
⑦ Wind speed cups
⑧ Hygro-thermo sensor
⑨ Mounting brackets
⑩ Battery door
⑪ RESET button
⑫ LED: Flashes when the unit transmits a reading








①
②
③
OUT
35.7 °C
71 %
WIND
N
NW
NE
Km/h
27.8
W
E
SW
SE
S
IN
27.4 °C
53 %
④
RAIN
DAILY
14.23
FORECAST
BARO
1015
hPa
⑧
⑤
⑥
LIGHT
0.27
Klux
⑦
UVI
2
LOW
10:28
28-
10-
WED
⑨
SET
/TEMP
RAIN
WIND/+
/BARO/-
ALERT
MAX/MIN
CHANNEL
⑩
⑪
⑫
⑬
⑭
⑮
⑯
⑰
⑱
Zz
⑲
5.0V AC

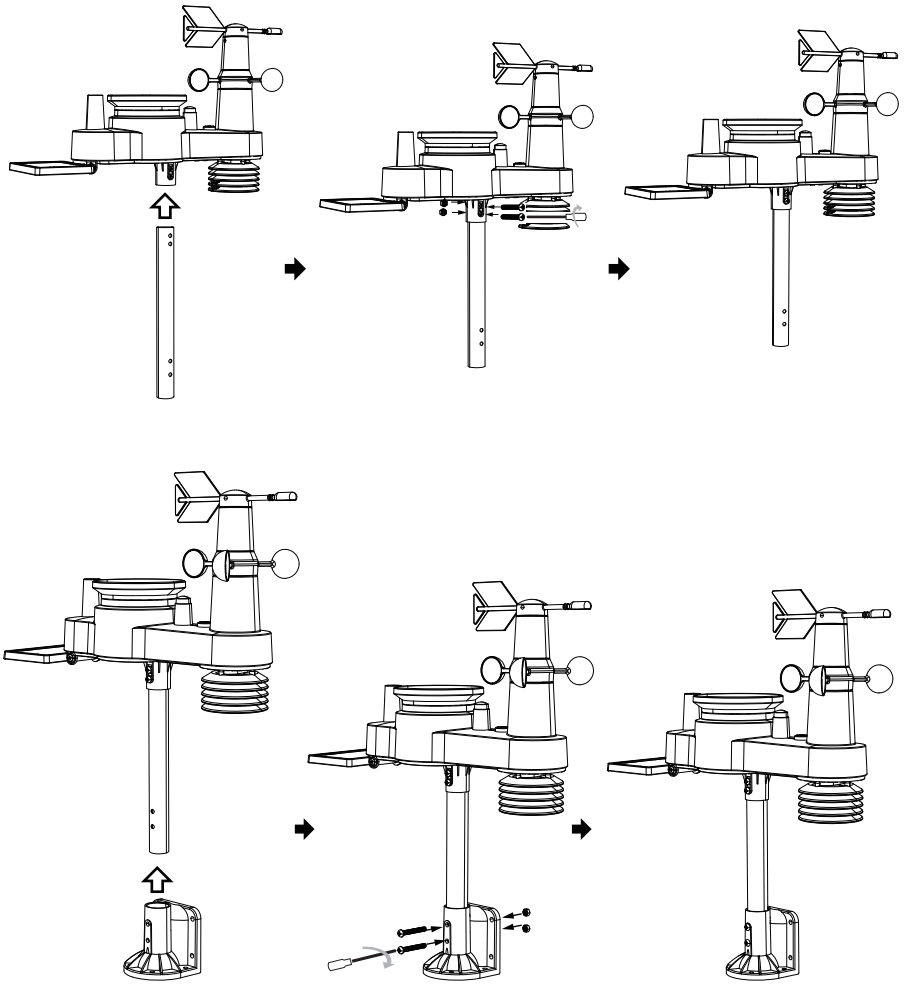
① Outdoor temperature/humidity reading, weather index
② Wind direction & speed
③ Indoor temperature/humidity reading
④ Rain
⑤ Weather forecast
⑥ Light intensity
⑦ UV index
⑧ Barometer
⑨ Time & date, moon phase, Weekday
⑩ SET button
⑪ /TEMP(ALARM) button
⑫ RAIN button
⑬ WIND/+ button
⑭ /BARO/- (RCC) button
⑮ ALERT button
⑯ MAX/MIN button
⑰ CHANNEL button
⑱ LIGHT/SNOOZE button
⑲ Battery compartment (3 x AAA batteries, not included)

SETTING UP THE WIRELESS 7-IN-1 OUTDOOR SENSOR

The wireless 7-in-1 outdoor sensor measures wind speed, wind direction, rainfall, UV, light intensity, temperature, and humidity.

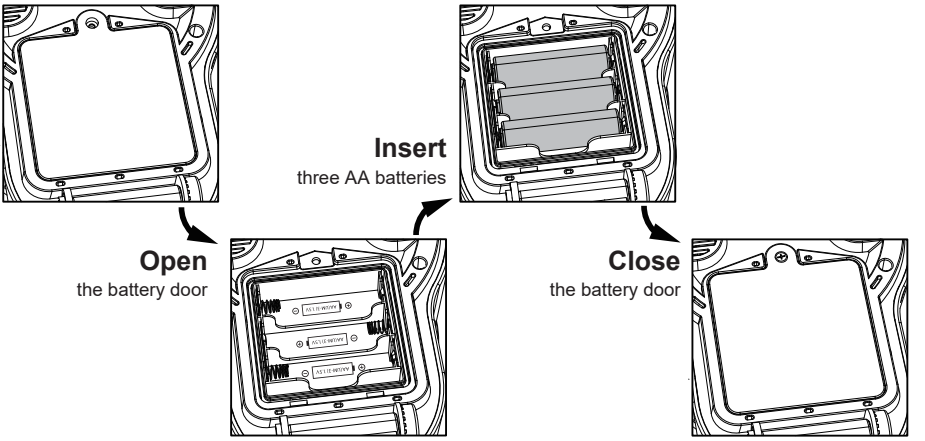
INSTALLING THE MOUNTING POLE AND BRACKET

- Secure the sensor onto a mounting pole and bracket (included) using the screws (included).



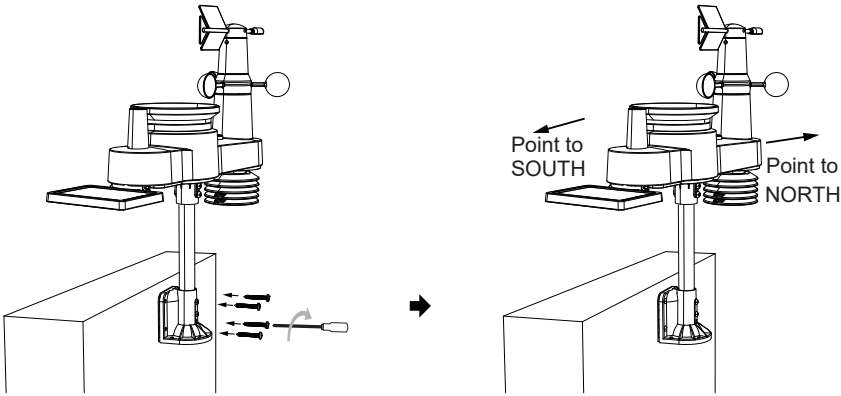
INSTALLING THE BATTERIES

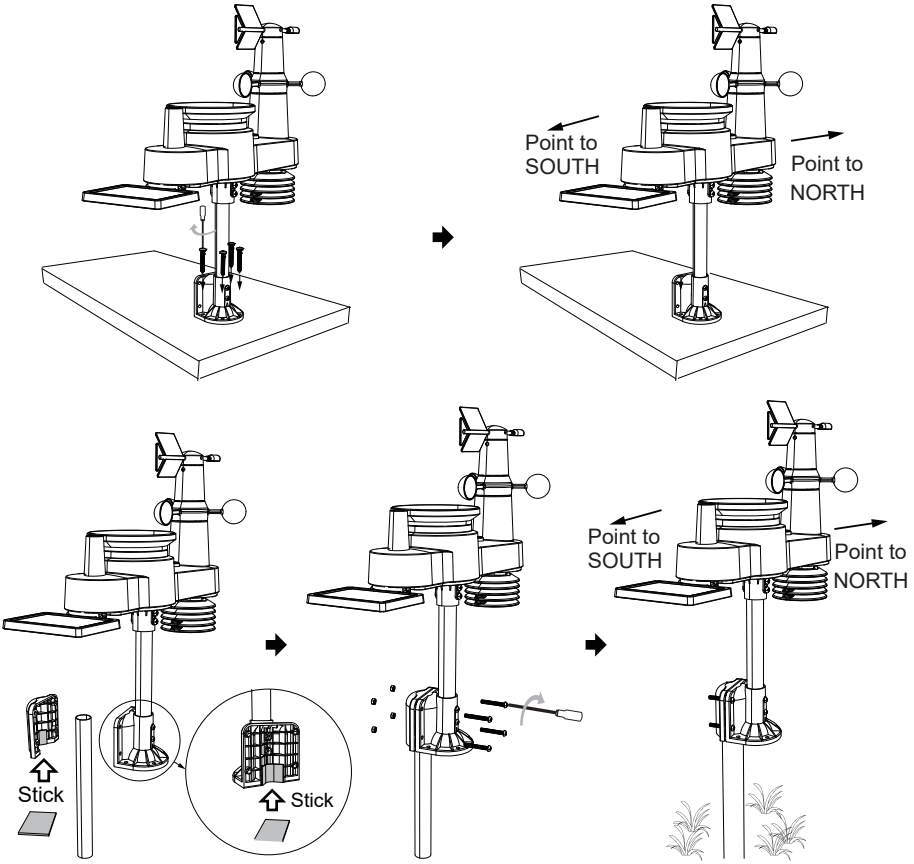
- Open the battery door.
- Insert three AA batteries (not included) according to the +/- polarity labeled in the compartment.
- Close the battery door on the compartment.



MOUNTING THE WIRELESS 7-IN-1 OUTDOOR SENSOR

- Pick a location for the 7-in-1 outdoor sensor that is open with no obstructions.
- Tighten the mounting brackets to a surface/wall using four tapping screws (included), or tighten the mounting pole to your existing mounting pole with four Φ5 Bolts and M5 Nuts assembly.
- Add rubber pads onto the mounting bracket before fastening the mounting bracket to the sensor.
- Make sure the rain collector faces north and the solar panel faces south before fastening the screws (included).
- Please ensure that the sensor is fixed particularly tightly, otherwise windy conditions cause the transmitter to shake and thus misread the rainfall data.





POINTING THE WIRELESS 7-IN-1 OUTDOOR SENSOR TO SOUTH (OPTIONAL)

The outdoor wireless weather sensor is calibrated to be pointed north for maximum accuracy. However, for your convenience, if you are a user located in the Southern Hemisphere, you can use the sensor with the rain collector pointing south.

1.) Mount and install the wireless weather sensor with the rain collector pointing South, instead of North. (Please refer to MOUNTING THE WIRELESS 7-IN-1 OUTDOOR SENSOR.)

2.) Select "STH" for south hemisphere in the clock setting mode. (Please refer to "setting the clock")

NOTE: Changing the hemisphere setting will automatically switch the direction of the moon phases on the display.

Pointing the wireless weather sensor toward the south will allow maximum sunlight on the solar panel, especially during the winter season in the Southern Hemisphere.

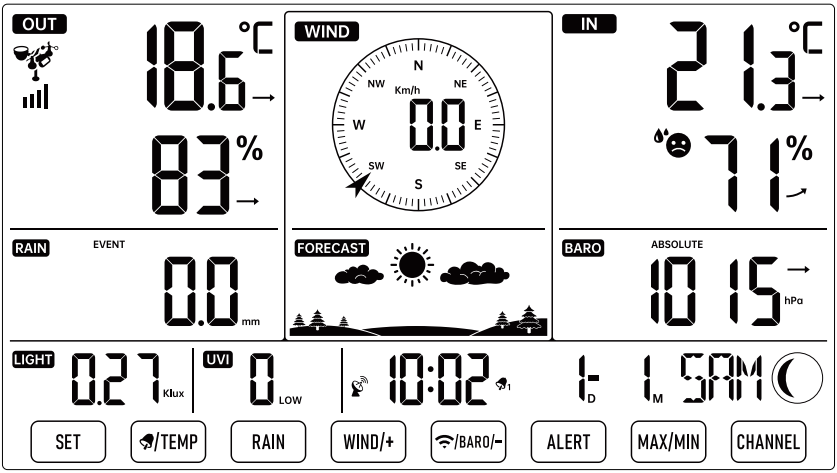
SETTING UP THE WEATHER STATION

POWERING UP THE WEATHER STATION

- Plug the power adapter into the power jack located in the back of the weather station. Insert 3 new AAA alkaline batteries (not included) for backup.
- Once the weather station is turned on, it will automatically enter pairing mode.

PAIRING THE WIRELESS 7-IN-1 SENSOR

- Once your weather station powers on, it should automatically search for and connect to the wireless sensors. If the weather station does not connect within the first 5 minutes, refer to the following section, “RE-PAIRING SENSOR”.
- You will see the icon of an antenna scrolling in the temperature and humidity (outdoor) section of the display.
- Once the pairing process completes, the antenna icon will appear solid (not flashing), and the readings for outdoor temperature and humidity, wind speed, wind direction, UV, light intensity, and rainfall will appear in their designated sections of the LCD display.



NORMAL TIME DISPLAY

RE-PAIRING SENSOR

- If the connection fails or the weather station is reset, then press and hold the ⑰【**CHANNEL**】button over 2 seconds to enter pairing mode, and the weather station will re-register all the sensors that have already been registered to it before, (i.e. the weather station will not lose the connection of the sensors that you’d paired up before.)

ATOMIC CLOCK RECEPTION

- After RF connection is established or 5 minutes pairing time, the weather station will automatically receive atomic clock signal, the RCC receiving dot icon will flash.
- When the weather station detects the atomic clock signal, the signal strength indication will be indicated. When the atomic clock signal is received successfully, the time and date will be updated.
- The weather station automatically begins to search DCF signal and update the time every day at 1:00 am, 2:00 am, 3:00 am, 4:00 am, 5:00 am.
- The Atomic Time tower icon will flash while searching and will appear solid when it has connected.
- Put the weather station away from interference, such as electronic devices. (TV, computer, microwave, radio, etc.)

MANUAL ATOMIC CLOCK RECEPTION

- You can receive the atomic clock signal manually. In Normal display, press and hold (14)【/BARO/-】button over 2 seconds to receive the atomic clock signal manually.
- During atomic clock reception, press and hold (14)【/BARO/-】button for over 2 seconds to exit atomic clock reception.

NOTE : During RCC reception, the backlight is temporarily turned off in order to get better receiving performance. After RCC reception is finished, the backlight will resume.

OPERATING INSTRUCTIONS

CLOCK

Setting the Clock

In Normal time display, press and hold (10)【SET】over 2 seconds to enter time setting mode. Press and release (13)【WIND/+】and (14)【/BARO/-】to adjust the values. Hold (13)【WIND/+】and (14)【/BARO/-】over 2 seconds to adjust the values rapidly.
Press and release (10)【SET】to confirm and move to the next item. To exit the setting mode at any time, press (18)【LIGHT/SNOOZE】button.

Setting Order

1. RCC On/Off
2. Time Zone
3. Weekday Language
4. BEEP On/Off
5. M-D/D-M Format
6. Year
7. Month
8. Date
9. 12/24 Hour Format
10. Hour
11. Minute
12. Temperature Unit
13. Pressure Unit
14. Relative Pressure Calibration
15. Light Intensity Unit
16. Rainfall Unit
17. Wind Speed Unit
18. Hemisphere
19. End of setting

1.) Press and hold ⑩【SET】button entering the settings. RCC ON flashes. Press ⑬【WIND/+】or ⑭【 /BARO/-】to change between RCC on and RCC off. Press ⑩【SET】to select Time Zone.

NOTE: If RCC OFF is selected, you will skip DST and time zone setting, and move to BEEP setting.

2.) When Time Zone flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to set time zone. Press ⑩【SET】to select language for weekday display.

3.) When weekday flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to adjust the desire language. Press ⑩【SET】to select beep sound on/off when pressing any button.

NOTE : There are total 8 languages for weekday display.
(ENG = English, GER = German, FRE = French, SPA = Spanish, ITA = Italian, DAN = Danish, DUT = Dutch, RUS = Russian)

4.) When Beep On flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to beep sound on/off. Press ⑩【SET】to select date format.

5.) When M--D flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to switch between M-D and D-M date format. Press ⑩【SET】to select year.

6.) When year flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to adjust the calendar year. Press ⑩【SET】to select month.

7.) When month flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to adjust the calendar month. Press ⑩【SET】to select date.

8.) When Day flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to adjust the calendar day. Press ⑩【SET】to select 12/24-hour format.

9.) When 12 H flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to change between 12 hour and 24 hour format. Press ⑩【SET】to select hour.

10.) When hour flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to adjust the hour. Press ⑩【SET】to select minute.

11.) When minute flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to adjust the minute. Press ⑩【SET】to select temperature unit.

12.) When °F flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to change between °F and °C. Press ⑩【SET】to select pressure unit.

13.) When pressure unit flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to change between hPa, inHg and mmHg. Press ⑩【SET】to select relative pressure calibration.

14.) When Relative Pressure flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to adjust the relative pressure. Press ⑩【SET】to select Light intensity unit.

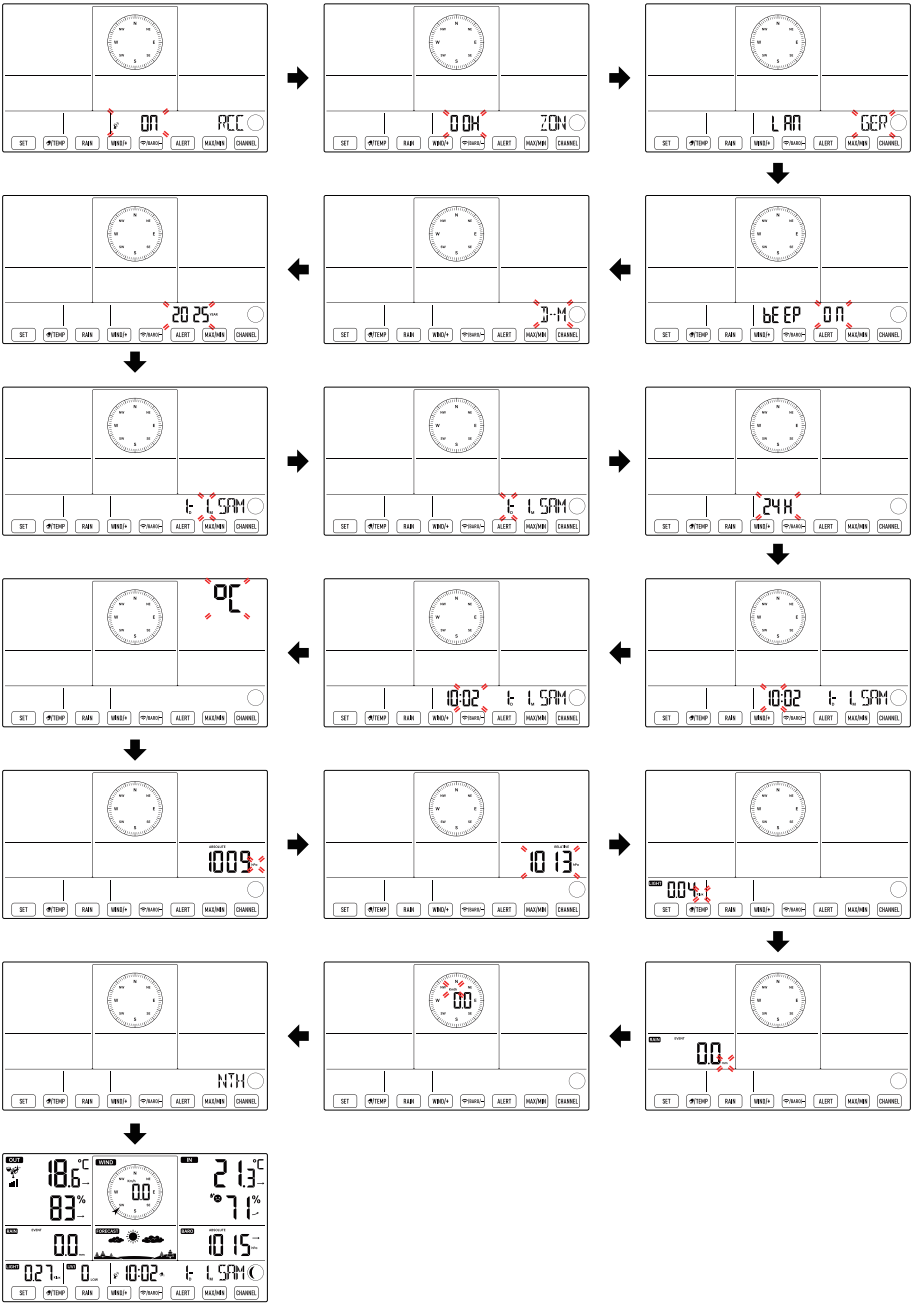
15.) When Light intensity unit flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to change unit between lux, fc and w/m2. Press ⑩【SET】to select rainfall unit.

16.) When Rain unit flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to change unit between in and mm. Press ⑩【SET】to select windspeed unit.

17.) When Wind speed unit flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to change unit between in and mm. Press ⑩【SET】to select hemisphere.

18.) When NTH flashes, press ⑬【WIND/+】or ⑭【 /BARO/-】to change hemisphere between NTH (northern) and STH (southern). Press ⑩【SET】to save and exit the setting. It will return to the normal mode display.

NOTE: If there is no valid operation within 20 seconds, it will automatically return to the normal display mode from the setting mode. While adjusting settings, you can press ⑱【LIGHT/SNOOZE】button to return to normal display mode.



Moon Phase

The display console calculates the moon phase according to your time, date, and time zone.

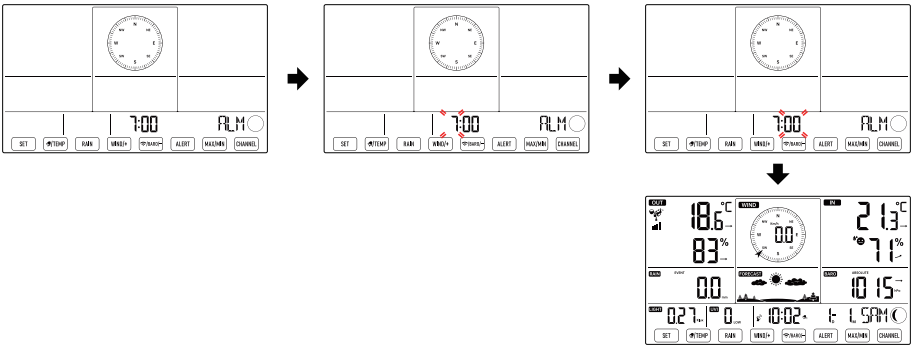
The table below explains the corresponding phases and their icons for both the Northern and Southern hemispheres.

Northern Hemisphere Icons	Moon Phase	Southern Hemisphere Icons
	New Moon	
	Waxing Crescent Moon	
	First Quarter Moon	
	Waxing Gibbous Moon	
	Full Moon	
	Waning Gibbous Moon	
	Third Quarter Moon	
	Waning Crescent Moon	

Setting the Alarm

- In normal time display, press ⑩【**SET**】button to switch display alarm time (alarm time mode).
- In alarm time display, press and hold ⑩【**SET**】button over 2 seconds to enter alarm setting mode. Hour of alarm starts to flash.
- Press ⑬【**WIND/+**】or ⑭【**/BARO/-**】button to set required alarm hours. Hold ⑬【**WIND/+**】or ⑭【**/BARO/-**】button to adjust alarm hours quickly.
- Press ⑩【**SET**】button to select minute of Alarm. Minute of alarm starts to flash.
- Press ⑬【**WIND/+**】or ⑭【**/BARO/-**】button to set required alarm minutes. Hold ⑬【**WIND/+**】or ⑭【**/BARO/-**】button to adjust alarm minutes quickly.
- Press ⑩【**SET**】button to save all settings and exit to normal display mode.

NOTE: If there is no valid operation within 20 seconds, it will automatically return to the normal display mode from the setting mode. While adjusting settings, you can press ⑱【LIGHT/SNOOZE】button to return to normal display mode.



Deactivate/Activate Alarm

- In alarm time display, press (11)【/TEMP】button to select the Alarm on or off.
- If the alarm is on, its corresponding alarm icon will be shown on the display.
- When the alarm is ringing, press any buttons except (18)**【LIGHT/SNOOZE】** button to stop the alarm signal. It is not necessary to reactivate the alarm. It will ring again this time next day.

Snooze Function

When the alarm rings, press (18)**【LIGHT/SNOOZE】** button to pause the alarm. The snooze indicator icon Z^Z keep flashing. The alarm will resume after 5 minutes.

TEMPERATURE

Temperature/Humidity Trend

Tendency arrows allow you to quickly determine of temperature and humidity are rising and falling in a one-hour update period.

Temperature Trend

Temperature has risen > 1°C/2°F in the past hour	Temperature has not changed more than 1°C/2°F in the past hour	Temperature has fallen < 1°C/2°F in the past hour
↗	→	↘

Humidity Trend

Humidity has risen > 3% in the past hour	Humidity has not changed more than 3% in the past hour	Humidity has fallen < 3% in the past hour
↗	→	↘

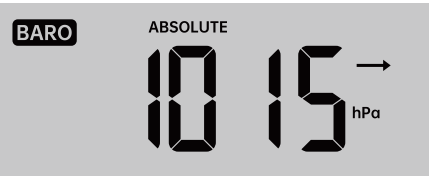
Indoor Comfort Index

The indoor comfort displays a pictural representation based on the indoor air temperature and humidity levels to determine the approximate comfort level.

Too cold	Comfortable	Too hot

PRESSURE

Barometer Pressure Display



In normal mode, press (14)【/BARO/-】button switch between absolute and relative pressure.

Absolute	The absolute atmospheric pressure of your location.
Relative	The relative atmospheric pressure based on the sea level.

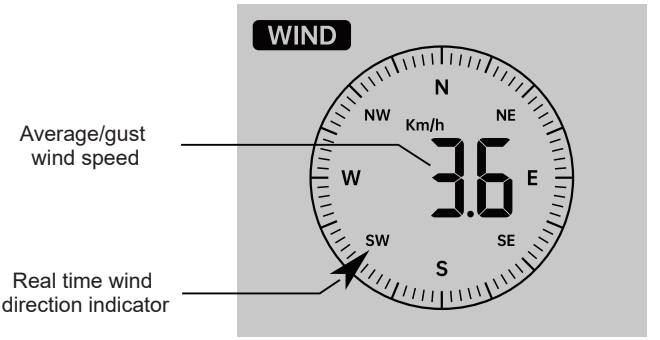
Pressure Trend

Tendency arrows allow you to quickly determine if pressure is rising or falling in a one-hour update period.

Pressure has risen > 2hpa/0.06inHg in the past hour	Pressure has not change more than 2hpa/0.06inHg in the past hour	Pressure has fallen > 2hpa/0.06inHg in the past hour
↗	→	↘

WIND

Wind Display



Selecting Wind Display Mode

In normal display mode, press ⑬【**WIND/+**】button to switch between current average wind speed, gust wind speed and wind direction.

RAIN

Rainfall Display



The Rainfall shows information regarding the rainfall and rain rate.

Select the Rainfall Display Mode

In normal display mode, press ⑫【**RAIN**】button to switch between Rain Rate, Rain Event, Rain Hourly, Rain Daily, Rain Weekly, Rain Monthly and Rain Total.

Increments of Rain Definition

Rain Rate: Current rainfall rate in the past hour.

Rain event: Continuous rain, and resets to zero if rainfall accumulation is less than 10mm (0.039 in) in a 24-hour period.

Daily Rain: Total rainfall since midnight (00:00)

Weekly Rain: Total rainfall for the current calendar week, and resets on Sunday morning at midnight (Sunday thru Saturday)

Monthly Rain: Total rainfall for the current calendar month, and reset on the first day of the Month.

Total Rain: Total rainfall since the last reset.

Reset the Total Rainfall Record

In normal display mode, press and hold ⑫【**RAIN**】button over 2 seconds to reset the rain record.

NOTE:
Resetting the weekly rain also resets the daily rain.
Resetting the monthly rain also resets the daily and weekly rain.
Resetting the total rain also resets the monthly, weekly and daily rain.

WEATHER

Weather Index

When reading the Weather Index display, you can press ⑪【**/TEMP**】button to cycle through different weather indexes in the following order:
Feels Like > Heat Index > Wind Chill

Feels Like

The Feels Like temperature index determines what temperature it actually feels like outside, taking into account factors like wind speed, pressure, temperature and humidity.

Wind Chill

Wind Chill is determined by a combination of the wireless weather sensor's temperature and wind speed data.

NOTE:
Only when the temperature is below 50°F(10°C) and the wind speed is over 4.8km/h (3mph), will display the wind chill value, otherwise it will display " --.-".

Heat Index

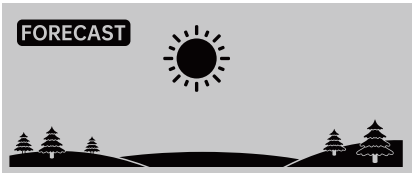
The Heat Index is determined by the wireless weather sensor's temperature and humidity readings.

Dew Point

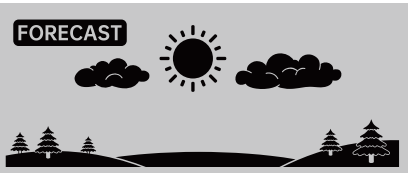
The dew point is the temperature at which a given parcel of humidity air must be cooled, at constant barometric pressure, for water vapor to condense into water. The condensed water is called dew. The dew point is a saturation temperature.
The Dew Point temperature is determined by the temperature and humidity data from the wireless weather sensor.

Weather Forecast

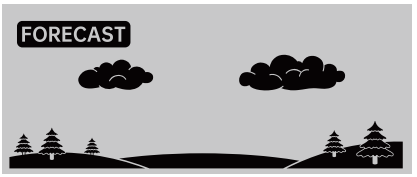
The built-in barometer can notice atmospheric pressure changes, and based on the data collected, can predict the weather conditions.
There are 6 weather icons --- Sunny, Partly Cloudy, Cloudy, Rainy, Stormy and Snowy.



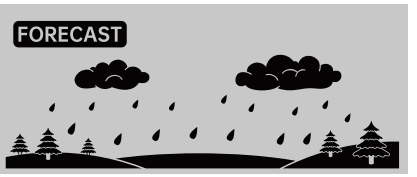
Sunny



Partly Cloudy



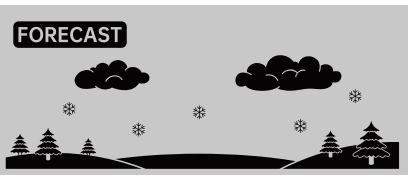
Cloudy



Rainy



Stormy



Snowy

NOTE:
The accuracy of a general pressure-based forecast is about 65-70%.
Forecasts are not guaranteed.
It may not necessarily reflect the current situation.

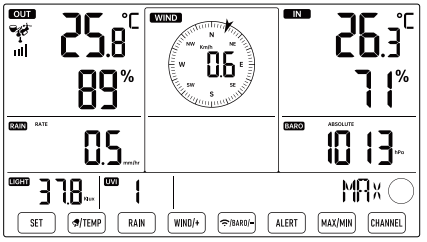
Ice Alert

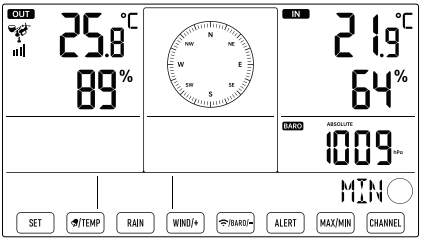
When outdoor temperature is lower than 1°C/33.8°F, the snowflake icon ❄! will appear on the LCD display.

MAX/MIN

In normal display mode, press ⑯【**MAX/MIN**】 button switching between maximum and minimum value.

NOTE: If there is no valid operation within 10 seconds, it will automatically return to the normal display mode.





To View the Accumulated MAX/MIN

● Display Feel like, Wind Chill, Heat Index, Dew Point Max/Min Values.

1.) When the max values are displayed, press (11)【/TEMP】button to interchange viewing the Outdoor temperature → Feel like → Wind Chill → Heat Index → Dew Point → Outdoor temperature.

2.) When the min values are displayed, press (11)【/TEMP】button to interchange viewing the outdoor temperature → Feel like → Wind Chill → Heat Index → Dew Point → Outdoor temperature.

● Display Wind Speed, Wind Gust Max Values.

When the max values are displayed, press (13)【WIND/+】button to interchange viewing between the AVERAGE and GUST wind speeds.

● Display Rain Rate, Daily Rain, Weekly Rain and Monthly Rain Max Values.

When the max values are displayed, press (12)【RAIN】button to interchange viewing Rain Rate → Daily Rain → Weekly Rain → Monthly Rain.

● Display Absolute and Relative pressure Max/Min Values.

1.) When the max values are displayed, press (14)【/BARO/-】button to interchange viewing between Absolute and Relative pressure.

2.) When the min values are displayed, press (14)【/BARO/-】button to interchange viewing between Absolute and Relative pressure.

● Display indoor and other channels sensor temperature & humidity Max/Min values.

1.) When the max values are displayed, press (17)【CHANNEL】button to interchange viewing indoor and paired outdoor sensor(s) temperature and

2.) humidity.
When the min values are displayed, press (17)【CHANNEL】button to

NOTE: If other channel sensors were paired, it could show the other channel's max/min temperature and humidity values. If other channel sensors were not paired, it would only show current indoor max/min temperature and humidity values.

To Clear the MAX/MIN Data Record

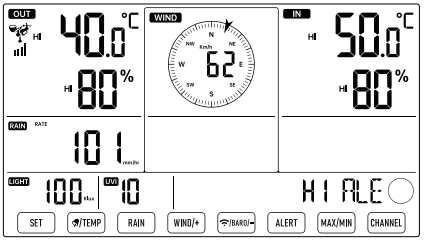
● To clear the max value, press and hold (16)【MAX/MIN】button over 2 seconds while max values are displayed.

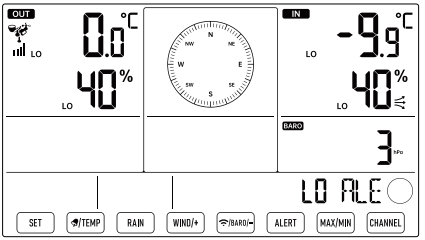
● To clear the min value, press and hold (16)【MAX/MIN】button over 2 seconds while min values are displayed.

HI/LO ALERT SETTING

To View the Alert Setting

● In normal display mode, press (15)【ALERT】button switching between Hi alert and Low alert setting value.





To Set the Alert

- In normal display mode, press and hold ⑮【**ALERT**】button over 2 seconds to enter the alert setting mode.
- Press ⑬【**WIND/+**】and ⑭【**/BARO/-**】button to adjust the value up or down, then press ⑪【**/TEMP**】button to turn on/off the alert.
- Press ⑮【**ALERT**】button to confirm and jump to next setting.
- The icon HI or LO will display when the alert is on.



High/Low Alert on



High/Low Alert off

- To exit the alert setting mode at any time, press ⑱【**LIGHT/SNOOZE**】button.The Hi/Lo alert setting order is shown below:

Alert Setting Order	Setting Range	Display Section	Default
Indoor Temperature Hi Alert	-9.9℃ – 50℃ (-14.1℉ – 122℉)	Indoor temperature & Humidity	50℃ (122℉)
Indoor Temperature Lo Alert			-9.9℃ (14.1
Indoor Humidity Hi Alert	1% – 99%		80%
Indoor Humidity Lo Alert			40%
Outdoor Temperature Hi Alert	-40℃ – 70℃ (-40℉ – 158℉)	Outdoor temperature & Humidity	40℃ (104℉)
Outdoor Temperature Lo Alert			0℃ (32℉)
Outdoor Humidity Hi Alert	1% – 99%		80%
Outdoor Humidity Lo Alert			40%

Alert Setting Order	Setting Range	Display Section	Default
High Average Wind Speed Alert	0 – 50m/s 2 – 180 km/h 1 – 111mph 1 – 97 knots 0-60 bft	Wind Speed	17m/s 62km/h 38mph 33 knots 20bft
High Wind Gust alert	0 – 50m/s 2 – 180 km/h 1 – 111mph 1 – 97 knots 0-60 bft	Wind Speed	17m/s 62km/h 38mph 33 knots 20bft
Pressure Drop Alert	1 hpa – 10hpa 0.03~0.3 inHg 0.7~7.5mmHg	Barometer drop	3hpa 0.09inHg 2.2mmHg
High Rain Rate alert	1mm/hr – 1000mm/hr (0.04 in/hr – 39 in/hr)	Rainfall Rate	101mm/hr (4 in/hr)
High Daily Rain alert	1mm – 1000mm (0.03 in – 39.37 in)	Rainfall Rate	101mm (4 in)
UV index High Alert	1 - 15	UV Index	10
Light Intensity High Alert	1 Klux – 200.0 Klux 7-1580 W/M² 0-185Kfc	Light Intensity	100 Klux 790 W/M² 92 Kfc

To Silence the Hi/Lo Alert Alarm

Press the ⑱【**LIGHT/SNOOZE**】button on top of the display console to silence the alarm, or it will automatically turn off after one minute.

NOTE: Once the alert is triggered, the alarm will sound for one minute and the associated alert icon and weather readings will flash. If the alert alarm automatically shuts off after one minute instead of being manually shut off, the associated alert icon and readings will continue flashing until the reading is out of the alert range.
The weather alert alarm will go off once the readings fall into alert range again.

BACKLIGHT

Display Backlight

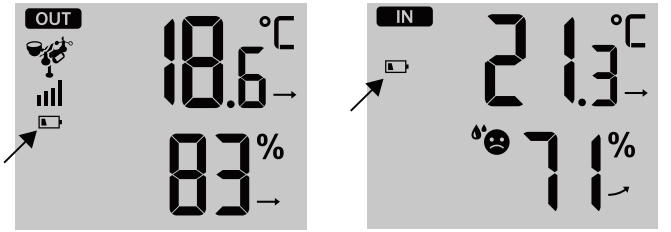
With AC Adapter

The backlight can only be continuously on when the AC adapter is permanently on. When the AC adapter is disconnected, the backlight can be temporarily turned on.

- Press ⑱【**LIGHT/SNOOZE**】button to adjust the backlight brightness, High, Low and Without AC Adapter.
- Press ⑱【**LIGHT/SNOOZE**】button temporarily turn on the backlight for 15 seconds.

LOW BATTERY INDICATOR

If the low battery indicator icon is displayed in the outdoor temperature and humidity section or the corresponding CH section of the LCD console display, this indicates that the batteries in your wireless weather sensor(s) are running low and should be replaced. Make sure to replace all batteries at the same time.



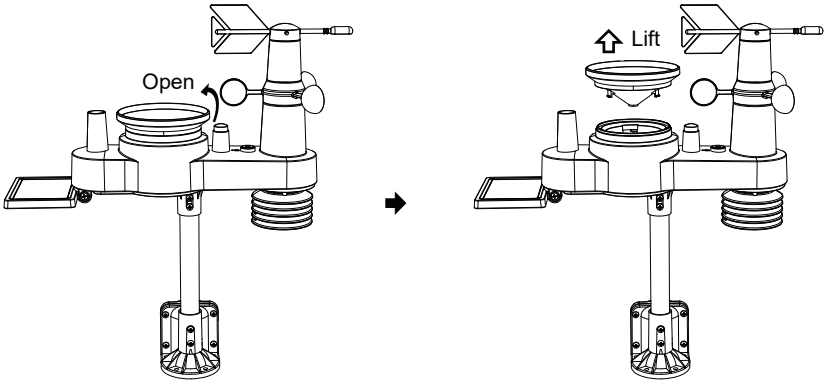
FACTORY RESTART

If there is malfunction, the Factory Restart is a great way to return your station to "out of the box" condition.

1.) Remove all power (batteries and AC adapter) from outdoor sensors and weather station.
2.) Follow the operation "**SETTING UP THE WEATHER STATION**" to start the pair the sensor.

CARE AND MAINTENANCE

1.) Clean the rain gauge every 3 months. Rotate the funnel counterclockwise and lift to expose the rain gauge mechanisms, and clean with a damp cloth. Remove any dirt, debris, and insects. If bug infestation is an issue, spray the sensor lightly with insecticide.



2.) Clean the Light Intensity/ UV sensor and solar panel every 3 months with damp cloth.
3.) When replacing the batteries, apply a corrosion preventive compound on the battery terminals.

SPECIFICATION

WEATHER STATION	
General Specifications	
Dimension	191.6 x 127 x 28.8mm (7.5 x 5 x 1.1inch)
Power source	AC-AC 5V, 0.15A adapter (included)
Battery	3 x AAA battery (not included)
Support sensors	1 x 7-in-1 sensor (included)
Time Function Specifications	
Time display	HH : MM
Hour format	12 hour or 24 hour
Date display	DD/MM or MM/DD
Time synchronization method	Synchronizes with atomic clock
Time zones	-12~12
Barometer Display & Function Specifications	
Barometer units	hPa, inHg and mmHg
Measuring range	600 – 1100 hPa (relative setting range 930 – 1050hPa)
Accuracy	700 -1100 hPa±5 hPa/600 -696 hPa±8 hPa 20.67 – 32.48 inHg±0.15 inHg/17.72 -20.55inHg ±0.24 inHg 525 -825 mmHg±3.8 mmHg/450 -522 mmHg±6 mmHg Typical at 25℃ (77℉)
Weather forecast	Sunny, Partly Cloudy, Cloudy, Rainy, Stormy and Snowy
Display mode	Current
Memory mode	Daily Max/ Min
Alert	Pressure change alert
Indoor/Outdoor Temperature Display & Function Specifications	
Temperature unit	℃ and ℉
Indoor Display range	-9.9℃ – 50℃(-14.1℉ – 122℉)
Outdoor Display range	-40℃ – 70℃(-40℉ – 158℉)
In/Out accuracy	10 – 50℃ ± 1℃ / 50 – 122℉ ± 1.8℉ -20 – 10℃ ± 1.5℃ / -4 - 50℉ ±2.7℉ others : ±2℃ / ±3.6℉
Display mode	Current
Memory mode	Daily Max/ Min
Alert	High/Low temperature alert

Indoor/Outdoor Humidity Display & Function Specifications	
Humidity unit	%
Display range	1 – 99%
In/Out accuracy	40 – 80% RH ± 5% RH @25℃(77℉) Others : ± 8% RH @25℃(77℉)
Display mode	Current
Memory mode	Daily Max/ Min
Alert	High/Low humidity alert
Wind Speed and Direction Display & Function Specifications	
Wind Speed unit	mph, m/s, km/h, knots
Display range	0 -112mph, 50m/s, 180km/h, 97 knots
Speed accuracy	<5m/s: ±0.5m/s, >5m/s : ±10% (whichever is greater)
Display mode	Gust/Average
Memory mode	Daily Gust/Average
Alert	High Wind Speed Alert (Gust/Average)
Wind direction	16 directions
Rain Display & Function Specifications	
Unit of rainfall	mm, in
Range of rainfall	0 – 12999mm (0 – 511.7 in)
Accuracy of rainfall	±7%
Display mode	Current
Memory mode	Daily Max
Rainfall display mode	Hourly/ Daily/ Weekly/ Monthly/ Total Rainfall
Alert	High Daily Rainfall alert
UV Index Display & Function Specifications	
Display range	0 - 16
Display mode	Current
Memory mode	Daily Max
Alert	High UVI alert
Light Intensity Display & Function Specifications	
Light Intensity unit	Klux, Kfc and W/m^2
Display range	0 – 200 Klux
Display mode	Current
Memory mode	Daily Max
Alert	High Light intensity alert

Weather Index Display & Function Specifications	
Weather Index mode	Feels like, wind chill, heat index and dew point
Display mode	Current
Memory mode	Daily Max/min
WIRELESS 7-IN-1 OUTDOOR SENSOR	
Dimension	361 x 5.67 x 489mm (14.21 x 13.8 x 19.25inch)
Main power	3 x AA 1.5V Battery
Backup power	Solar power
Weather data	temperature, humidity, wind speed, wind direction, rainfall, UVI and light intensity
RF frequency	868MHz
RF transmission range	150m (492ft)
Transmission interval	Every 20 seconds for UV、 light intensity、 wind speed、 temperature, humidity and rain data and wind direction data
Operation temp	-40℃ – 60℃(-40℉ – 140℉)

Manufacturer: Fujian Youtong Electronics Co.,Ltd.
Address: North part of 1st, 2nd-3rd floor, Building1#, No.18,Majiang Road, Mawei, Fuzhou Fujian, China
E-mail: support@vevor.com