

VEVOR[®]

TOUGH TOOLS, HALF PRICE

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METEOROLOGICAL STATION

MODEL:YT6077

We continue to be committed to provide you tools with competitive price.

"Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

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NEED HELP? CONTACT US!

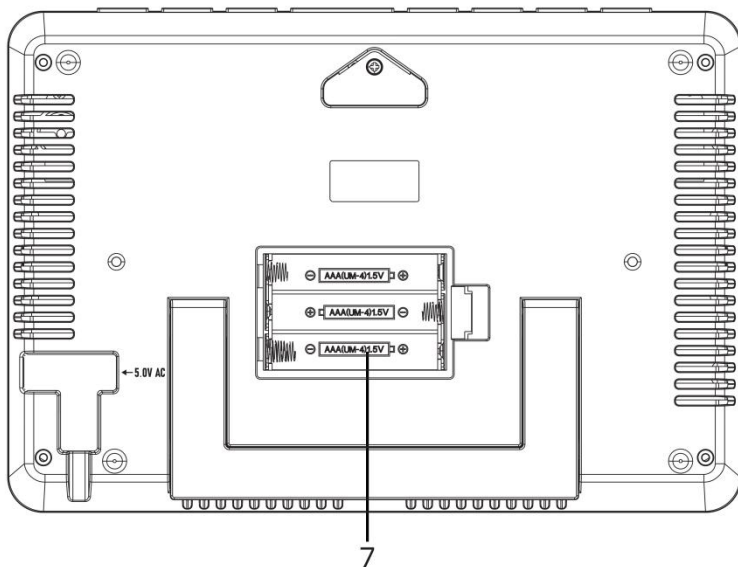
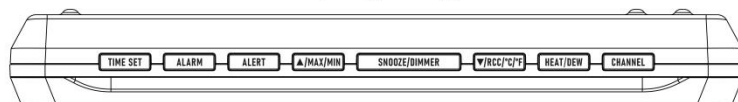
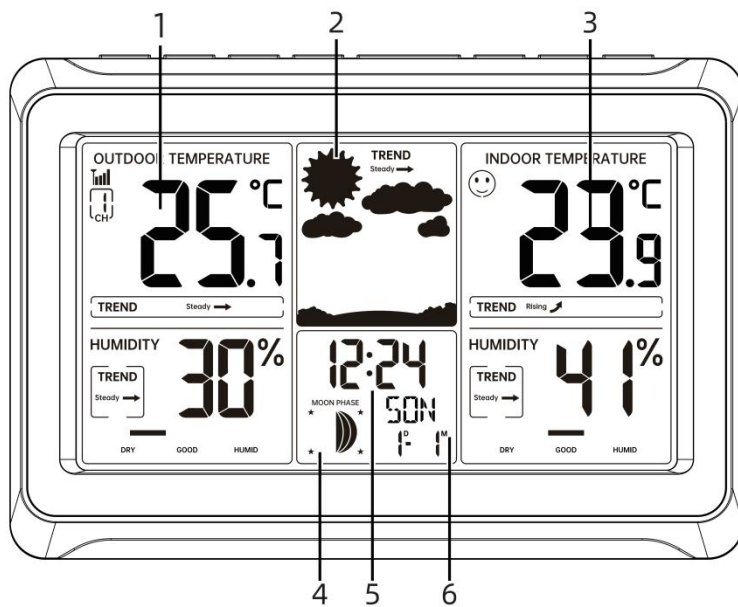
Have product questions? Need technical support? Please feel free to contact us:

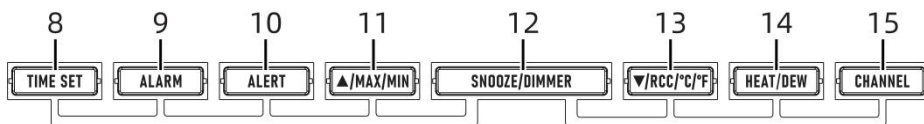
 CustomerService@vevor.com

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.

	<p>Warning-To reduce the risk of injury, user must read instructions manual carefully.</p>
	<p>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</p>

WEATHER STATION UNIT





- ① Outdoor temperature/humidity reading
- ② Atmosphere display
- ③ Indoor temperature/humidity reading
- ④ Moon phase display
- ⑤ Time display
- ⑥ Weekday display and Calendar with month, date display
- ⑦ Battery compartment (3 x AAA batteries)
- ⑧ TIME SET button
- ⑨ ALARM button
- ⑩ ALERT button
- ⑪ ▲/MAX/MIN button
- ⑫ SNOOZE/DIMMER button
- ⑬ ▼/RCC/°C/°F button
- ⑭ HEAT/DEW button
- ⑮ CHANNEL button

MAIN FEATURES

- Colorful and big digit display with super bright backlight.
- 8 functional buttons: TIME SET, ALARM, ALERT, ▲/MAX/MIN, SNOOZE/DIMMER, ▼/RCC/°C/°F, HEAT/DEW, CHANNEL.
- Self setting accurate atomic time function.
- Time display: Hour, minute.
- Calendar display: Month, date and weekday.

- Time zone: -12~12.
- Alarm with snooze function.
- Display Indoor & outdoor temperature (°C/°F) & humidity readings with trend.
- Low battery indication for both weather station and wireless sensor.
- 3-level brightness of backlight.
- 7 languages for weekdays display.

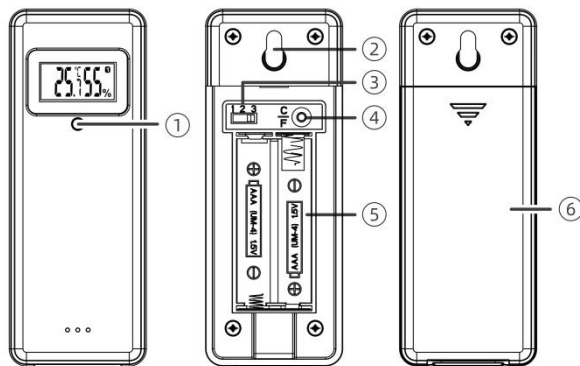
OUTDOOR TEMPERATURE & HUMIDITY SENSOR STATION

1. MAIN FEATURES

- Temperature & Humidity measurement.
- Low Battery Indication.

2. TX BUTTONS ON THE BACK

- ① LED: Flashes when the unit transmits a reading
- ② Wall mount
- ③ Channel switch: Channel 1,2,3 inside battery compartment
- ④ Temperature unit switch: °C/°F, inside battery compartment
- ⑤ Battery compartment: Use 2 x AAA batteries
- ⑥ Battery door




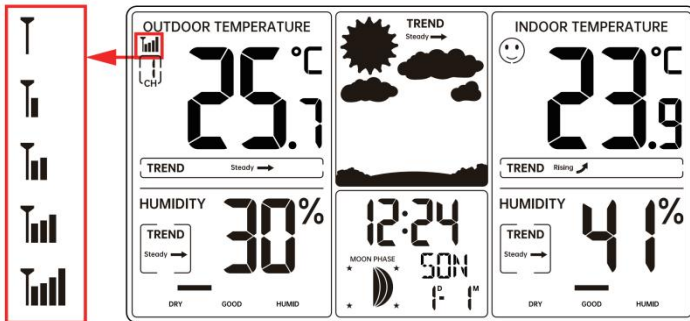
FIRST TIME TO USE


1. PAIR THE OUTDOOR REMOTE SENSOR

First of all, it needs to do the pairing between outdoor sensor and weather station. Please follow below procedure to pair the sensor.

- 1) Plug the included AC-AC adaptor into the weather station. (optional) insert 3 new “AAA”alkaline batteries for backup.

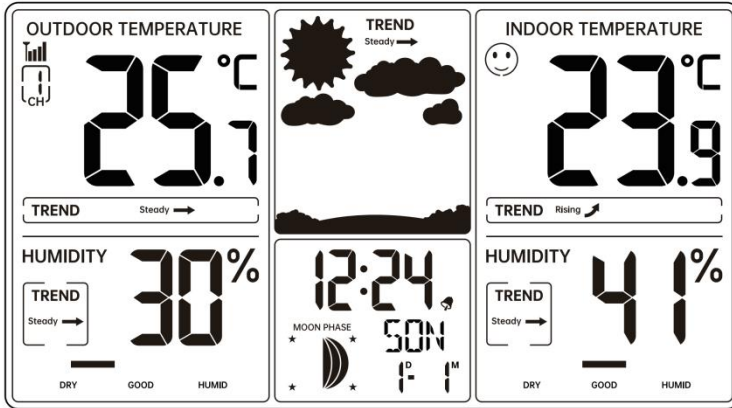
The screen is turned on. It starts to search sensor and register the received sensor. During RF pairing, the signal strength icon  will animate until the sensor signal is received or for 5 minutes if no signal is available.




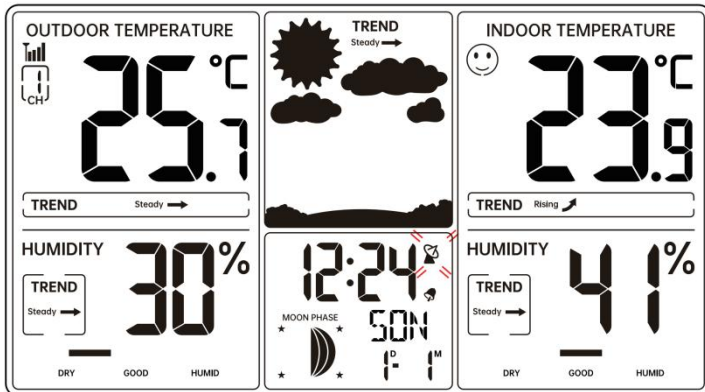
Note: If no sensors is paired, you can pair the sensor again manually by pressing and holding the  【CHANNEL】 key over 2 seconds. Please refer to “**SEARCH FOR OUTDOOR SENSOR**”.


- 2) Insert 2 new“AAA”alkaline batteries for the wireless outdoor remote sensor.
- 3) The wireless remote sensor will transmit the signal and LED will flash during transmission.
- 4) Keep the outdoor sensor 5-10 feet from the weather station.
- 5) When the RF connection is established, the temperature and humidity

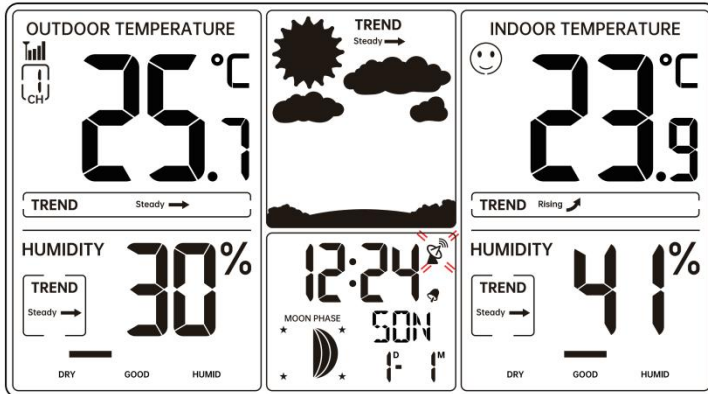
readings will appear on the station.



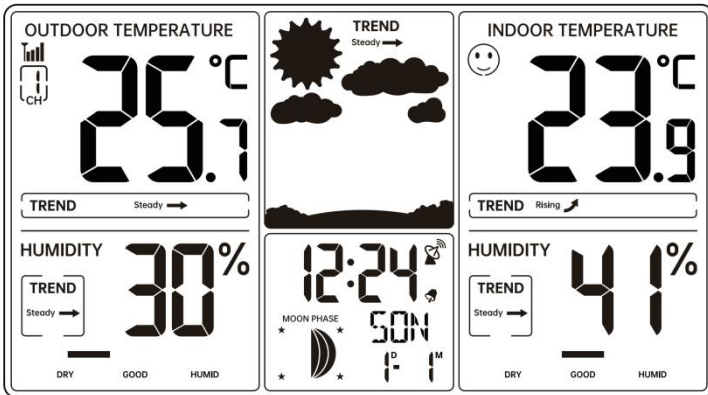
- 6) After the RF connection is established or 5 minutes of pairing time, the weather station will automatically receive atomic clock signal, the RCC receiving dot icon “” will be flashing.



- 7) When the weather station detects the atomic clock signal, the signal strength indication  will be indicated.




- 8) Put the weather station away from interference, such as electronic devices.(TV, computer, microwave, radio, etc.)
- 9) When the atomic clock signal is received successfully, the time and date will be updated.




Normal Time Display


- 10) Allow the outdoor sensor and weather station to sit together for 15 minutes to establish a strong connection.
- 11) Do not press button for 15 minutes.
- 12) After 15 minutes, place the sensor in a shaded outdoor location.

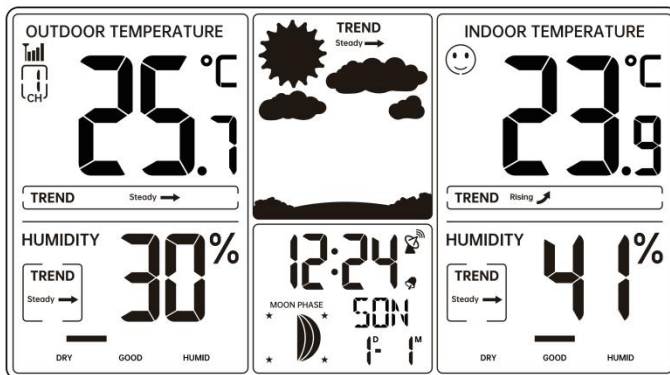
ATOMIC CLOCK RECEPTION


- The weather station automatically begins to search the 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 be solid when it has connected.

1. MANUAL RCC RECEPTION

You can receive the atomic clock signal manually. In Normal display, press and hold  **【▼/RCC/°C/°F】** over 2 seconds to receive the atomic clock signal manually.

The RCC receiving dot icon “  ” is flashing and will start atomic clock reception. When the atomic clock signal is received successfully, the time and date will be updated.



During atomic clock reception, press and release  **【▼/RCC/°C/°F】** button to exit atomic clock reception.

TIME SETTING

In Normal time display, press and hold ^⑧ 【TIME SET】 over 2 seconds to enter time setting mode.

Press and release ^⑪ 【▲/MAX/MIN】 and ^⑬ 【▼/RCC/°C/°F】 to adjust the values. Hold to adjust quickly.

Press and release ^⑧ 【TIME SET】 to confirm and move to the next item.

1. SETTING ORDER

- | | | |
|----------------------|--------------|-------------|
| 1. RCC On/Off | 2. Time Zone | 3. Language |
| 4. Year | 5. Month | 6. Date |
| 7. 12/24 Hour Format | 8. Hour | 9. Minute |
| 10. End of Setting | | |

1.) Press and hold ^⑧ 【TIME SET】 button entering the settings. RCC ON flashes. Press ^⑪ 【▲/MAX/MIN】 and ^⑬ 【▼/RCC/°C/°F】 to set RCC on/off. Press ^⑧ 【TIME SET】 to select Time Zone.

Note: If RCC OFF is selected, you will skip time zone setting and move year setting.

2.) When Time zone flashes, press ^⑪ 【▲/MAX/MIN】 or ^⑬ 【▼/RCC/°C/°F】 to adjust the time zone(-12~12). Press ^⑧ 【TIME SET】 to select language for weekday display.

3.) When weekday flashes, press $\textcircled{11}$ **【▲/MAX/MIN】** or $\textcircled{13}$ **【▼/RCC/°C/°F】** to adjust the desire language. Press $\textcircled{8}$ **【TIME SET】** to select Year.

4.) When Year flashes, press $\textcircled{11}$ **【▲/MAX/MIN】** or $\textcircled{13}$ **【▼/RCC/°C/°F】** to adjust the year. Press $\textcircled{8}$ **【TIME SET】** to select Month.

5.) When Month flashes, press $\textcircled{11}$ **【▲/MAX/MIN】** or $\textcircled{13}$ **【▼/RCC/°C/°F】** to adjust the month. Press $\textcircled{8}$ **【TIME SET】** to select date.

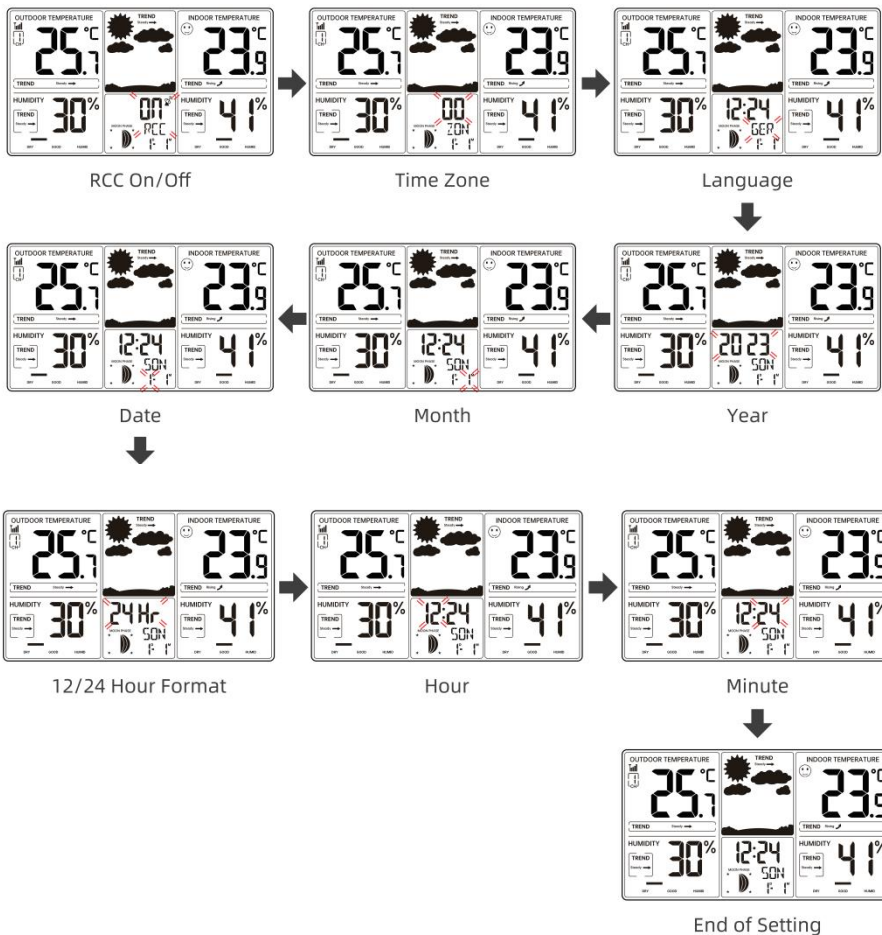
6.) When Date flashes, press $\textcircled{11}$ **【▲/MAX/MIN】** or $\textcircled{13}$ **【▼/RCC/°C/°F】** to adjust the date. Press $\textcircled{8}$ **【TIME SET】** to select 12/24 hour time format.

7.) When 12 Hr flashes, press $\textcircled{11}$ **【▲/MAX/MIN】** or $\textcircled{13}$ **【▼/RCC/°C/°F】** to adjust 12 hour or 24 hour time format. Press $\textcircled{8}$ **【TIME SET】** to select hour.

8.) When Hour flashes, press $\textcircled{11}$ **【▲/MAX/MIN】** or $\textcircled{13}$ **【▼/RCC/°C/°F】** to adjust the hours. Press $\textcircled{8}$ **【TIME SET】** to select minute.

9.) When Minute flashes, press $\textcircled{11}$ **【▲/MAX/MIN】** or $\textcircled{13}$ **【▼/RCC/°C/°F】** to adjust the minutes. Press $\textcircled{8}$ **【TIME SET】** to save all settings and exit the setting.

Note: If there is no valid operation within 20 seconds, it will automatically return to the normal display mode from the setting mode.



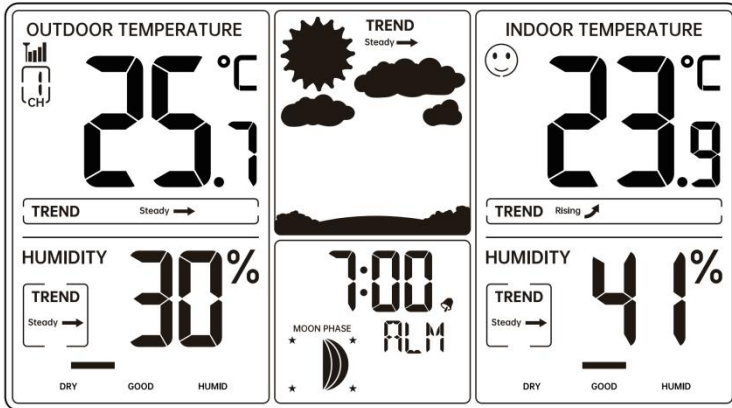
2. 7 LANGUAGES

GER (German), FRE (French), ITA (Italian), DUT (Dutch), SPA (Spanish), DAN (Danish), ENG (English)

SET ALARM TIME

1. CHECK ALARM TIME

In Normal time display, press **9** **[ALARM]** to switch display alarm time (Alarm time mode).

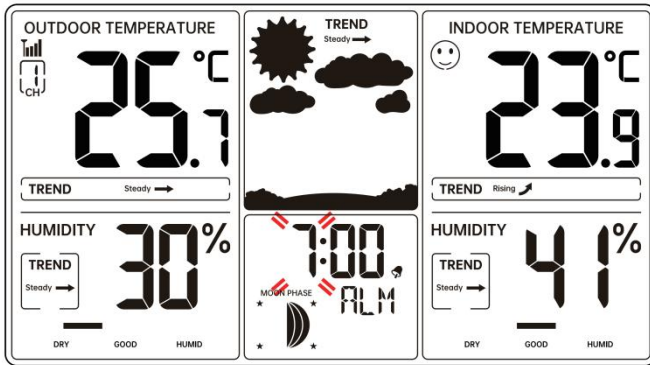


Alarm Time Mode

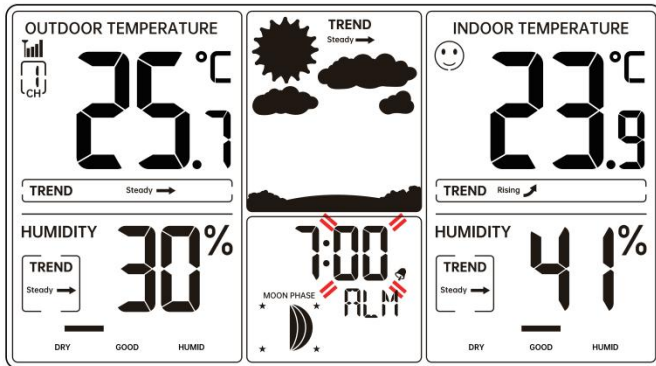
2. SETTING THE DAILY ALARMS

In Alarm time display, press and release **9** **[ALARM]** to confirm and move to the next item.

- Press and hold **9** **[ALARM]** over 2 seconds to enter alarm setting mode. Hour of Alarm starts to flash.



- Press **11** **[▲/MAX/MIN]** or **13** **[▼/RCC/°C/°F]** button to set required alarm hours. Hold **11** **[▲/MAX/MIN]** or **13** **[▼/RCC/°C/°F]** button to adjust alarm hours quickly. Press **9** **[ALARM]** to select minute of Alarm.
- When minute of Alarm flashes.




- Press **11** **[▲/MAX/MIN]** or **13** **[▼/RCC/°C/°F]** button to set required alarm minutes. Hold **11** **[▲/MAX/MIN]** or **13** **[▼/RCC/°C/°F]**

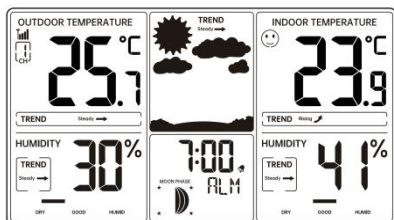
C/°F] button to adjust alarm minutes quickly.

- Press **9** [ALARM] to save all settings and exit to alarm mode.

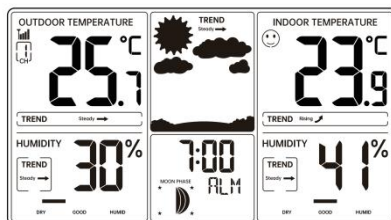
Note: If there is no valid operation within 20 seconds, it will automatically return to the normal display mode from the setting mode.

3. DEACTIVATE/ACTIVATE ALARM

- In Alarm time display, press **9** [ALARM] to select the Alarm on or off.
- If the alarm is on, its corresponding alarm icon  will be shown on the display.



Alarm is on



Alarm is off

4. SWITCHING OFF THE ALARM SIGNAL

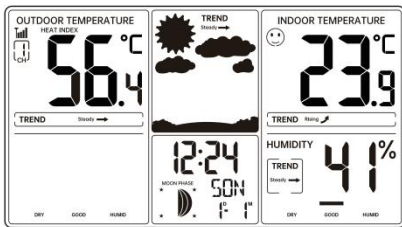
- When the alarm is ringing, press any buttons except **12** [Snooze/Dimmer] to stop the alarm signal. It is not necessary to reactivate the alarm. It will ring again this time next day.

5. SNOOZE FUNCTION

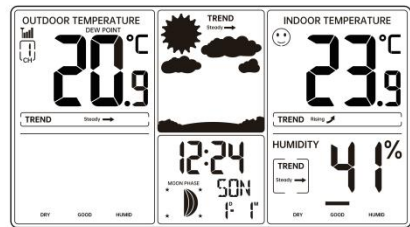
- When the alarm rings, press **12** [Snooze/Dimmer] button to pause the alarm. The snooze indicator icon keeps flashing.
- The alarm will resume after 5 minutes.

HEAT INDEX AND DEW POINT

- The value of HEAT INDEX is displayed when the outdoor temperature is $\geq 26.6^{\circ}\text{C}$. The value of DEW POINT is displayed when the outdoor temperature is $< 26.6^{\circ}\text{C}$.
- Press 14 **[HEAT/DEW]** to switch between heat index and dew point display, humidity is not displayed when heat/dew point index is viewed.



HEAT INDEX



DEW POINT

TEMPERATURE AND HUMIDITY TREND

1. TEMPERATURE TREND

The temperature trend indicators update with every 15 minutes and look back over the past hour.




- Change in temperature ($2^{\circ}\text{F}/1^{\circ}\text{C}$)

Temperature has risen $> 1^{\circ}\text{C}/2^{\circ}\text{F}$ in the past hour	Temperature has not changed more than $1^{\circ}\text{C}/2^{\circ}\text{F}$ in the past hour	Temperature has fallen $< 1^{\circ}\text{C}/2^{\circ}\text{F}$ in the past hour


2. HUMIDITY TREND

The humidity trend indicators update with every 15 minutes and look back over the past hour.

- Change in humidity (3% RH)

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
		

3. TEMPERATURE AND HUMIDITY MAX/MIN RECORD

- Press  [▲/MAX/MIN] to display the maximum value of indoor/outdoor temperature and humidity, press again to display the minimum value, and press again to return to the normal display.




Note: If there is no valid operation within 5 seconds, it will automatically return to the normal display mode from the setting mode.

4. HUMIDITY COMFORT INDICATOR

- When the humidity is in the corresponding range, the corresponding number of grids is displayed.








ALERT FUNCTION





- In normal display mode, press  【ALARM】 to turn on/off the alert function. When the alert function turns on, the icon  and  will display.



Note: Alert function is turned off by default when powering up.

1. CHECK ALERT VALUE

- In normal time display, press  【ALERT】 to display the high alert value of indoor and outdoor temperature and humidity. The icon  will display. Press  【ALERT】 to display the low alert value of indoor and outdoor temperature and humidity. The icon  will display.
- Press  【ALERT】 to return to normal display mode.


2. SETTING THE ALERT

- In normal time display, press and hold  【ALERT】 over 2 seconds to enter alert setting mode.
- Press and release  【▲/MAX/MIN】 or  【▼/RCC/°C/°F】 to adjust the values. Hold to adjust quickly.
- Press and release  【ALERT】 to confirm and move to the next item.



The icon  will display when the upper limit value is set. The icon  will display when the lower limit value is set. The setting item flashes.

3. SETTING ORDER

- (1) Outdoor temperature upper limit value
- (2) Outdoor temperature lower limit value
- (3) Outdoor humidity upper limit value
- (4) Outdoor humidity lower limit value
- (5) Indoor temperature upper limit value
- (6) Indoor temperature lower limit value
- (7) Indoor humidity upper limit value
- (8) Indoor humidity lower limit value
- (9) End of setting

Note: When setting the alert value, press  **[CHANNEL]** to switch to set for other outdoor temperature/humidity sensors.


4. ALARM

- When the temperature or humidity alert is activated, the corresponding value and alert icon  or  flashes. The alarm is automatically turned off after 1 minute of continuous ringing, but the alert icon will still flash.
- If the alarm is not for the currently displayed outdoor sensor, only the alert icon will flash and the alarm will ring, but the alert value will not be displayed.

5. DEACTIVATE THE ALARM




- When the alarm is ringing, press any buttons to stop the alarm. The alert indicator icon keeps flashing.
- Temperature or humidity returns to the alert value range to automatically stop the alarm.

SWITCH READING DISPLAY FOR THE OUTDOOR TEMPERATURE/HUMIDITY SENSORS

- In Normal display, press and release  【CHANNEL】 to interchange the reading display for the outdoor temperature/humidity sensors.
- There are CH1, CH2 CH3 or cycle display.
- In cycle display mode , the outdoor temperature reading will be switched every 3s.

COMFORT INDICATION

- There are 3 stages of indication: Dry, Comfort and Wet.

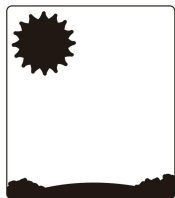
Dry		Temperature is arbitrary, humidity < 40 %
Comfort		Temperature 20°C-28°C, humidity 40%-70%
Wet		Temperature is arbitrary, humidity > 70 %

WEATHER FORECASTING FUNCTION

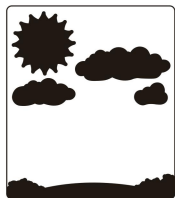
- The weather symbols indicate the weather fluctuation over the next 6-12 hours, not the current weather.
- Please take the weather forecast from your local weather forecasting service into account as well as the forecast from your weather station. If there are discrepancies between the information from your device and the from the local weather forecasting service, please take the advice of the latter as authoritative.
- The weather forecast is calculated from evaluation of fluctuations in

the barometric pressure and may deviate from the actual weather conditions.

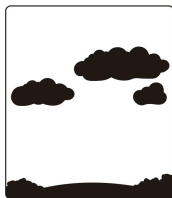
- The weather station displays the following weather symbols:



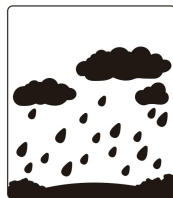
Sunny



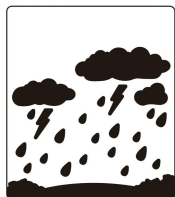
Partly Sunny



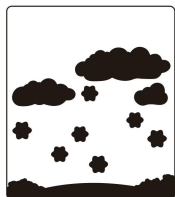
Cloudy



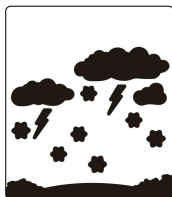
Light Rain



Heavy Rain





Light Snow




Heavy Snow

SEARCH FOR OUTDOOR SENSOR



- In Normal time display, press and hold **15** **【CHANNEL】** over 2 seconds to search the outdoor temperature and humidity sensor.
- The signal strength icon  will animate until the sensor signal is received, or for 5 minutes if no signal is available, the  icon will solid display.





SWITCH TEMPERATURE UNIT

In Normal time display, press and release  【CHANNEL】 to interchange the temperature unit between degree Celsius and degree Fahrenheit.

BACKLIGHT

- When operating with the power cable, there are 3 levels of brightness for adjustment.
- Press  【SNOOZE/DIMMER】 to adjust backlight.
- When operating on batteries only, the backlight will come on shortly (about 10 seconds) when  【SNOOZE/DIMMER】 is pressed.
-

LOW BATTERY INDICATION

- Low battery icon  by outdoor humidity, replace batteries in the sensors.
- Low battery icon  by indoor humidity, replace batteries in the weather station.

Note: When there is low battery icon indication, it means the used battery level is low, it may affect normal functions. Please replace new alkaline batteries soon in order to keep normal function.

FACTORY RESTART

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

1. FACTORY RESTART

- 1.) Remove all power (batteries and AC-AC adaptor) from outdoor sensors and weather station.
- 2.) Follow the operation "**FIRST TIME TO USE**" to start the pair the sensor.

IMPORTANT PLACEMENT GUIDELINES

- Mounting under an eave or deck rail works well.
- Mount the remote sensor on the North side where to prevent the sun from causing incorrect readings
- Be sure the outdoor sensor is mounted vertically to drain moisture.
- Mount at least 6 feet in the air for a strong RF (radio frequency) signal.
- To prevent wireless interference, place units at least 3 ft (0.9 m) away from electronic devices (TV, computer, microwave, radio, etc.).
- To maximize atomic signal reception, place the weather station away from large metallic items, thick walls, metal surfaces, or other objects that may limit radio communication.
- The maximum wireless transmission range must be within 100m in open air, not including walls and floors.

CARE AND MAINTENANCE

- Do not mix old and new batteries.
- Do not mix Alkaline, Standard, Lithium, or Rechargeable batteries.
- Always purchase the correct size and grade of battery most suitable for intended use.
- Replace all batteries of a set at the same time.
- Clean the battery contacts and also those of the device prior to battery installation.
- Ensure the batteries are installed with correct polarity (+ and -).
- Remove batteries from equipment that is not to be used for an extended period of time.
- Promptly remove expired batteries.

SPECIFICATIONS

Indoor	<ul style="list-style-type: none"> · Temperature Range: 0°C—50°C (32°F—122°F) · Humidity Range: 1—99% RH
Outdoor	<ul style="list-style-type: none"> · Temperature Range: -50°C—70°C (-58°F—158°F) · Humidity Range: 1—99% RH <p>Note: Temperature below -20°C require Lithium batteries in the outdoor sensor</p> <ul style="list-style-type: none"> · Distance: 100m · Transmission frequency: 433MHz
Power	<ul style="list-style-type: none"> · Weather station primary AC-AC power: 5.0V AC, 0.15A AC-AC adaptor (included) · Battery Backup: 3 x AAA, LR3 batteries · Sensor: 2 x AAA, LR3 batteries
Dimension	<ul style="list-style-type: none"> · Weather station: 205.9 x 141.6 x 26.5 mm · Sensors: 104 x 40 x 26 mm

Made In China

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