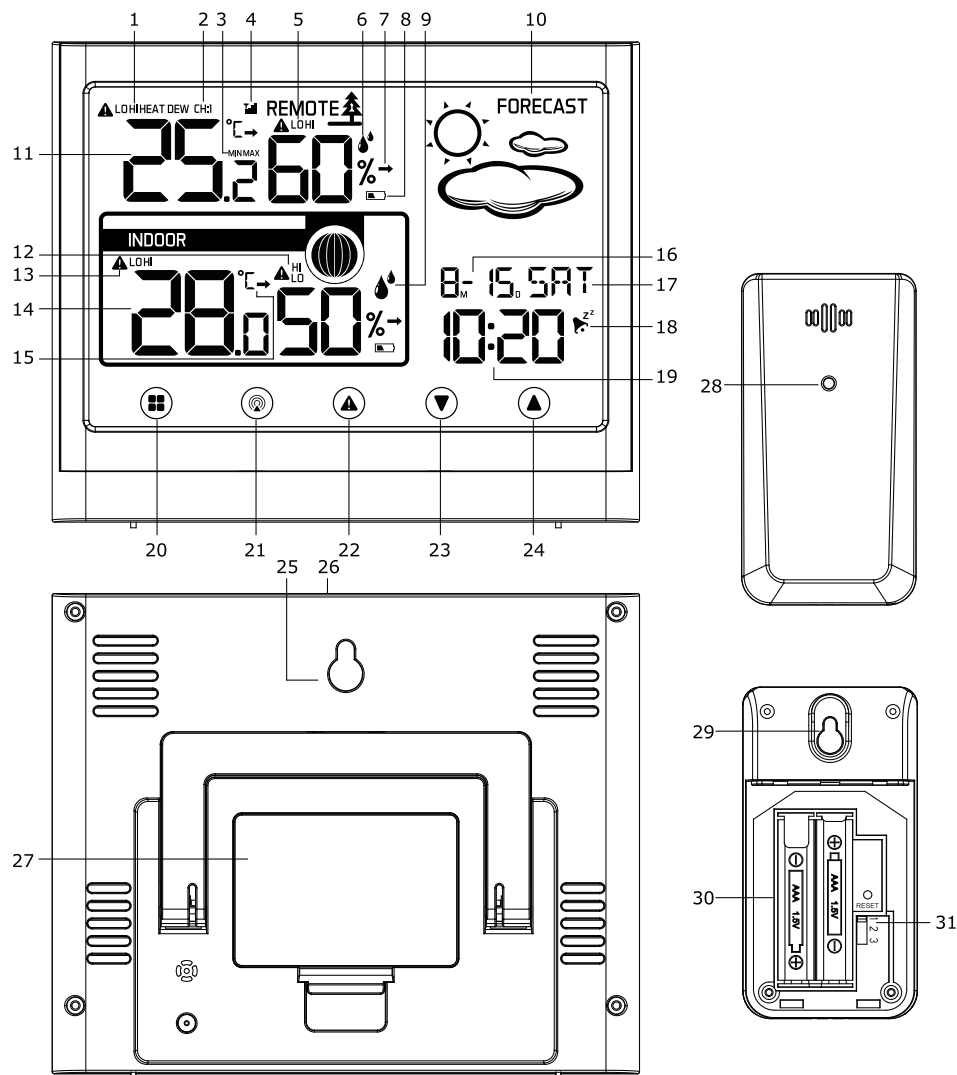# GEEVON Touch Screen Weather Station
User Manual
Model No: W2186113

Features & Benefits:
DISPLAY UNIT & OUTDOOR SENSOR
1. Heat index/dew point
2. Channel external sensor
3. Outdoor temperature max/min record
4. Outdoor sensor signal strength
5. Outdoor temperature alert
6. Outdoor humidity
7. Tendency of outdoor temperature
8. Low battery indicator
9. Indoor humidity
10. Icons of weather forecast
11. Outdoor temperature
12. Indoor humidity alert
13. Indoor temperature alert
14. Indoor temperature
15. Tendency of indoor temperature
16. Calendar
17. Weekday
18. Alarm and snooze icons
19. Time display
20. ⊞ :MODE button
21. ⊚ :RF button
22. ⊙ :ALERT button
23. ▼ :DOWN button
24. ⊙ :UP button
25. Wall mount hole
26. SNZ/LIGHT button
27. Battery Compartment
28. Wireless signal indicator (Flashes when data is being sent to the display unit)
29. Integrated hang hole
30. Compartment 2xAAA batteries (batteries not included)
31. TX channel selector, select external sensor channel (Maximum 3 channels available)

Package Contents:
1. Display Unit
2. Outdoor Sensor
3. Instructions Manual

Installing or Replacing Batteries:
We recommend using high quality batteries for the best product performance. Heavy duty or rechargeable batteries are not recommended. The outdoor sensor requires lithium batteries in low temperature conditions. Cold temperatures can cause alkaline batteries to function improperly.
Do not mix old and new batteries. Do not mix alkaline, standard, and/or rechargeable batteries.

Default settings
1. Default time: 12:00 (Time form: 12H)
2. Default date: 01/01 (Year: 2020, date form: M/D)
3. Default week: WED (Language: ENG, 7 languages can be selected)
4. Weather forecast: Partly Sunny
5. Default temperature: ℉
6. Default alarm: AM 12:00, default snooze time: 5min.
The LCD display fully for 10 seconds when changing new battery or resetting, then with a sound BI into the normal state, after testing temperature, receiving RF for 3 minutes.

Display / Keys Details:
There are totally 6 keys for the alarm clock, they are included: ⊞ , ⊚,⊙,▼,⊙, SNZ/LIGHT
1. ⊞ buttons:
a. Press and hold for 3 seconds during normal mode to enter setting mode.
b. Press ⊞ button during normal mode to enter alarm mode.
2. ⊚ button:
a. Press ⊚ button to select the channel.
c. In normal display mode, press and hold to search RF.
3. ⊙ button
a. Press the ⊙ button to enter alert mode, use ▼ or ⊙ to open or close alert.
b. Press and hold the ⊙ button to enter alert setting.
4. ▼ button:
a. Press to decrease the setting value during setting.
b. Press and hold 2 seconds button for fast adjust during setting mode.
c. In normal display mode, press ▼ button to display max/min temperature/humidity.
d. Press and hold the ▼ button 2 seconds to clear the record of MAX/MIN temperature and humidity when display shows MAX or MIN temperature and humidity.
5. ⊙ buttons:
a. Press to increase the setting value during setting.
b. Press and hold 2 seconds button for fast adjust during setting mode.
c. In normal display mode, press ⊙ button to display heat index/dew point.
6. SNZ/LIGHT button:
a. Press this button to open backlight for 10 seconds
b. Press to activate the snooze function when alarming
c. Press this button to open backlight.

Manually Setting the Time, Date & Units:
Press and hold down the ⊞ button for 2 seconds the 12/24 hour mode starts to flash, use ⊙ and ▼ buttons to set the correct 12/24 hour mode.
Press ⊞ button to confirm your setting, the hour display starts to flash, use ⊙ or ▼ buttons to set the correct hour.
Press ⊞ button to confirm your setting, the minute display starts to flash, use ⊙ or ▼ buttons to set the correct minute.
Press ⊞ button to confirm your setting, the Month and Date icon display starts to flash, use ⊙ or ▼ buttons to set the date display on Month/Date or Date/Month
Press ⊞ button to confirm your setting, the year display starts to flash, use ⊙ or ▼ buttons to set the correct year.

Press ⊞ button to confirm your setting, the month display starts to flash, use ⊙ or ▼ buttons to set the correct month.
Press ⊞ button to confirm your setting, the date display starts to flash, use ⊙ or ▼ buttons to set the correct date.
Press ⊞ button to confirm your setting, the language start to flash, use ⊙ or ▼ buttons set the correct language. The language order is: ENG, GER, FRE, ITA, DUT, SPA, DAN.
Press ⊞ button to confirm your setting and to end the setting procedures, enter the normal mode.
NOTE: You will automatically exit settings mode if no buttons are pressed for 20 seconds. Enter settings mode again at any time by pressing and holding ⊞ button for 2 seconds.
Under normal mode, press ⊞ button to enter alarm mode.

Setting the Alarm:
a. Press ⊞ button to enter alarm mode, press and hold ⊞ button for about 2 seconds to set the alarm time. The alarm hour will begin blinking on the display where the clock time is usually shown.
b. To adjust the alarm hour, press the ⊙ or ▼ buttons (press and hold to fast adjust). When alarm hour is set to your satisfaction, press ⊞ button to proceed to the alarm minute preference. Press the ⊙ or ▼ buttons (press and hold to fast adjust), press ⊞ button again to exit alarm settings. When you setting the alarm, the alarm is default turn on.
c. To turn the alarm ON or OFF, press ⊞ button to enter alarm mode, press the ⊙ or ▼ button to on or OFF the alarm. The " ▶" symbol should show next to the clock display when alarm is set to ON. Press the ⊙ or ▼ button again to turn off the alarm, when the alarm is set to OFF, the " ▶" symbol should not display.
d. When the alarm is in operation it will begin beeping with one short beep and continue with many short beeps if the alarm rings longer than 20 seconds. You can snooze the alarm for 5 minutes by pressing the **SNZ/LIGHT** button.

Indoor / outdoor temperature and humidity
1. Indoor temperature -9.9°C ~ 50°C (13.9°F ~ 122°F), display LL.L when below -9.9°C and display HH.H when higher than 50°C.
2. Outdoor temperature -40°C ~ 70°C (-40°F ~ 155°F), display LL.L when below -40°C and display HH.H when higher than 70°C.
3. Temperature resolution: 0.1°C
4. Indoor and outdoor humidity range: 20%-95%, display 20% when below 20% and display 95% when higher than 95%.
6. Humidity resolution: 1 %RH
7. When alarm ringing, temperature and humidity test will be stopped.

Accuracy
1. Temperature accuracy:
-40°C ~ -20°C: ± 4°C
-20°C ~ 0°C: ± 2°C
0°C ~ +50°C: ±1°C
Note: when the temperature in 50°C ~ 70°C range, the temperature is only for reference.
2. Humidity accuracy: +/- 5 % RH (@25°C , 30%RH to 50%RH);
   +/- 10 % RH (@25°C , 20%RH to 29%RH, 51%RH to 95%RH)

Temperature alert set
1. In standard mode, press ⊙ to enter alert mode, use ⊙ or ▼ to open or close temperature alert function.
2. In standard mode, press and hold ⊙ to set temperature alert function.
3. Press ⊙ to set and order is: outdoor temperature upper limit→ outdoor temperature lower limit→ outdoor humidity upper limit→ outdoor humidity lower limit→ indoor temperature upper limit→ indoor temperature lower limit→ indoor humidity upper limit→ indoor humidity lower limit→ exit.
4. In set, press ⊙ to go ahead by once. Hold ⊙ to go ahead at 8 steps per second.
5. In set, press ▼ to back by once. Hold ▼ to go back at 8 steps per second.
6. Press or no handling in 10s will exit.

Temperature alert
1. Temperature and alert icon will flash when alert.

2. In temperature alert status, alert temperature icon will twinkle and temperature will always display.

3. Temperature alarm sound:

a. Two BIs /second

b. Alarm 5s for every minute

c. Not stop alarm until meet stop conditions.

4. Alarm stop conditions：

a. Press any button to stop alarm but temperature and alert icon will continuously flash.

b. When temperature go back into alert range.

c. Press ▲ to enter alert mode, use ▲ or ▼ to turn off the temperature alert function.

Setting the Temperature Units:

a. The default temperature unit is Fahrenheit (°F).

b. To switch to Celsius, press and hold ⊞ button. You will see 12/24 hour mode flashing.

c. Press ⊞ button 8 more times to scroll through the other settings. You will see °F flashing.

d. Press ▲ or ▼ to switch from Fahrenheit to Celsius.

e. Press ⊞ to confirm your selection and exit.

Checking the MAX/MIN temperature and humidity

a. Press ▼ button to check MAX/MIN temperature and humidity.

b. Press and hold 2 seconds ▼ button to clear the record of MAX/MIN temperature and humidity when display shows MAX or MIN temperature and humidity.

Setting the Channel:

Setting the channel connection between the display unit and outdoor sensor:

a. To change the channel on the display unit between 1, 2, 3 &1-3 sequential display, press ⓐ button. The channel setting will display on the above of the outdoor temperature.

b. To change the channel option on the outdoor sensor open the battery compartment cover, on the upper left side is a button.

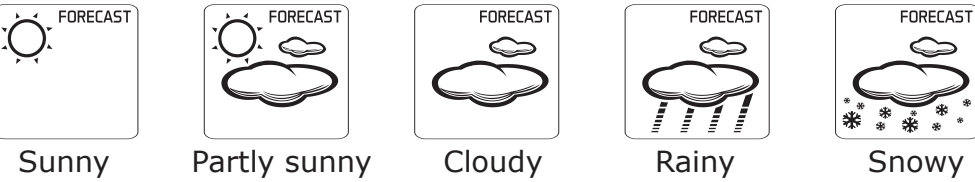c. ALWAYS MAKE SURE THE CHANNEL CHOSEN ON THE DISPLAY UNIT MATCHES THE CHANNEL OPTION CHOSEN ON THE OUTDOOR SENSOR.

Back Light:

When the display unit is powered by battery only the back light will be off to preserve the battery. Press the **SNZ/LIGHT** button to turn the back light on for 10 seconds.

Low Battery Indicator:

If the low battery indicator is displayed on the LCD for either the outdoor sensor or the display unit, immediately change the batteries to prevent disruptions in communications of the devices.

Weather Forecast:

Sunny   Partly sunny   Cloudy   Rainy   Snowy

a. The unit predicts weather condition of the next 12-24 hours based on the change of temperature and humidity. Weather change parameters: (this product is not pressure function, so the weather forecast is according to the outdoor temperature and humidity change indicator) now the product change the weather according to the channel 1 temperature and humidity change, if the channel 1 did not receive the signal, the weather according to the indoor temperature and humidity.

The following are icons that will show:

NOTE:

a. The weather forecast is based on outdoor temperature and humidity change and is about 40-45% correct.

b. The weather forecast can be more accurate only under the condition of natural ventilation, in indoor conditions, especially in air-conditioned rooms, there will be not accurate.

Moon Phase
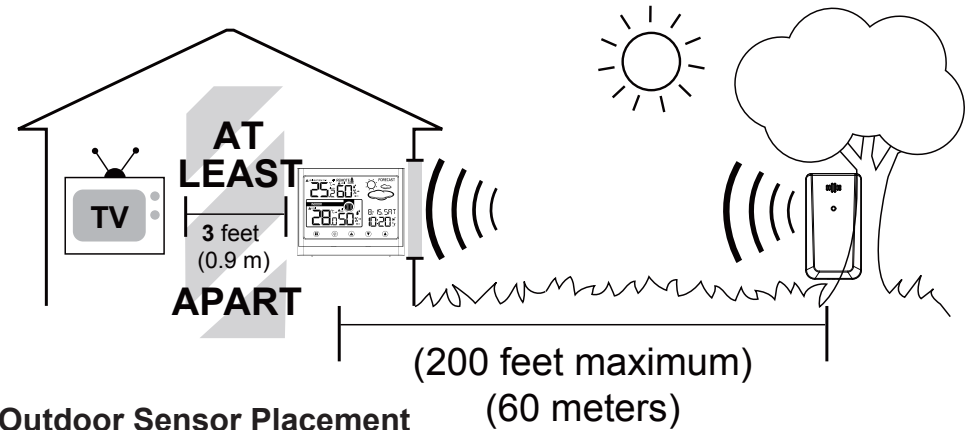

Placement of the Device:

Proper placement of both the display unit and the outdoor sensor are critical to the accuracy and performance of this product.

Display Unit Placement

Place the display unit in a dry area free of dirt and dust. Display unit stands up right for tabletop/countertop use.

Important Placement Guidelines

a. To ensure accurate temperature measurement, place units out of direct sunlight and away from any heat sources or vents.

b. Display unit and outdoor sensor must be within 200ft (60m) of each other.

c. To maximize wireless range, place units away from large metallic items, thick walls, metal surfaces, or other objects that may limit wireless communication.

d. To prevent wireless interference, place both units at least 3ft (1 m) away from electronic devices (TV, computer, microwave, radio, etc.

AT LEAST 3 feet (0.9 m) APART

(200 feet maximum)
(60 meters)

Outdoor Sensor Placement

a. The sensor must be placed outside to observe outdoor conditions. It is water resistant and designed for general outdoor use, however, to prevent damage place the sensor in an area which is protected from the direct weather elements and direct sunshine. The best location is 4 to 8 feet above the ground with permanent shade and plenty of fresh air to circulate around the sensor.

b. Display unit and outdoor sensor must be within 100 feet of each other.

c. In order to maximize the wireless range, place units away from large metallic items, thick walls, metal surfaces or other objects that may limit wireless communications.

d. To prevent wireless interferences, place both units at least 3 feet away from electronic devices (EX: TV, computer, microwave etc.)

Outdoor Sensor Function:

a. Once the display unit has been set up and the channel synchronized with the outdoor sensor, the display unit will begin the registration process. It can take up to 3 minutes to complete the registration, where the display unit will search for an RF (Radio Frequency) signal from the outdoor sensor. The outdoor sensor signal strength will show the connection strength to the outdoor sensor. If there are no bars or if bars are not showing at its maximum strength (4 bars) (3) try placing the outdoor sensor or display unit elsewhere for better connection.

b. If the RF Signal was lost and not reconnected, the outdoor temperature and humidity level will begin to flash after 1 hour of lost connection. If no connection was found after 2 hours only a dotted line ' - - - ' will be displayed in place of the temperature and humidity level.

c. To manually restart the RF registration, press and hold ⓐ button for 3 seconds. The display unit will now search for the RF signal for the next 3 minutes.

Week Display

English	German	French	Italian	Dutch	Spanish	Danish
ENG	GER	FRE	ITA	DUT	SPA	DAN
MON	MON	LUN	LUN	MAA	LUN	MAN
TUE	DIE	MAR	MAR	DIN	MAR	TIR
WED	MIT	MER	MER	WOE	MIE	ONS
THU	DON	JEU	GIO	DON	JUE	TOR
FRI	FRE	VEN	VEN	VRI	VIE	FRE
SAT	SAM	SAM	SAB	ZAT	SAB	LOR
SUN	SON	DIM	DOM	ZON	DOM	SON

Trouble Shooting:

Problem	Possible Solution
Outdoor reading is flashing or showing dashes	Flashing of the outdoor reading is generally an indication of wireless interference. This thermometer is arranged to communicate with three external sensors. One of these comes with the unit, the remaining two are optional. 1. Bring both of the sensor and display indoors, side by side and remove batteries from each. Power the thermometer as described in Getting started. 2. Set the selector in the outdoor sensor to the desired transmission channel (1, 2, or 3). Automatic data will be transmitted. 3. Press the CH button more times to select the channel set on the external sensor. Sequentially selects channel 1, channel 2, channel 3, and sequentially display for 3 channels.
No outdoor sensor reception	1. Reload the batteries of both outdoor sensor and main unit. Please refer to the SENSOR SETUP section. 2. Press and hold the CH button to receive RF signal. 3. Always make sure the channel chosen on the display unit matches the channel option chosen on the outdoor sensor. 4. Relocate the main unit and/or the outdoor sensor. The units must be within 200ft (60m) of each other. 5. Make sure both units are placed at least 3 ft (1m) away from electronics that may interfere with the wireless communication (such as TV, microwave, computer, radio, etc). 6. Do not use heavy duty or rechargeable batteries. The outdoor sensor requires lithium batteries in low temperature conditions. Cold temperatures would cause alkaline batteries work improperly. 7. Do not mix old and new batteries.
Inaccurate temperature	1. Make sure both the main unit and sensor are placed out of direct sunlight and away from any heat sources or vents. 2. Do not tamper with the internal components. 3. Temperature accuracy: (-40°C ~ -20°C): ±4°C (-20°C~0°C): ±2°C (0°C~50°C):±1°C
"HH/LL" display in indoor and/or outdoor temperature	If the temperature is higher than the detection range, HH will display on screen for indication; if lower than the detection range, LL will display on screen for indication.
If your Geevon product does not operate properly after trying the troubleshooting steps, contact the seller on your order page or shoot an email to : support@geevon.com.	