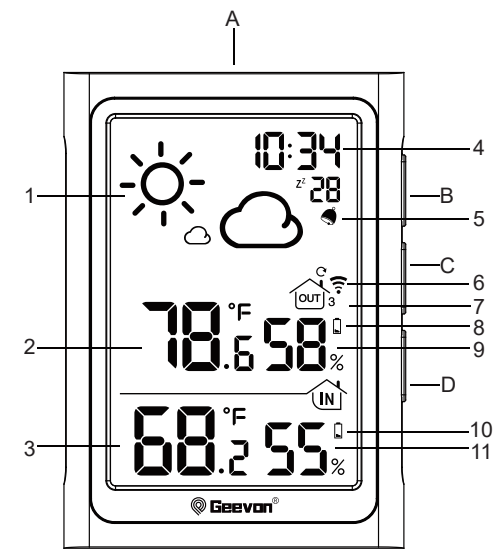
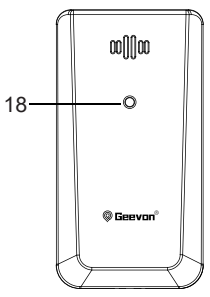
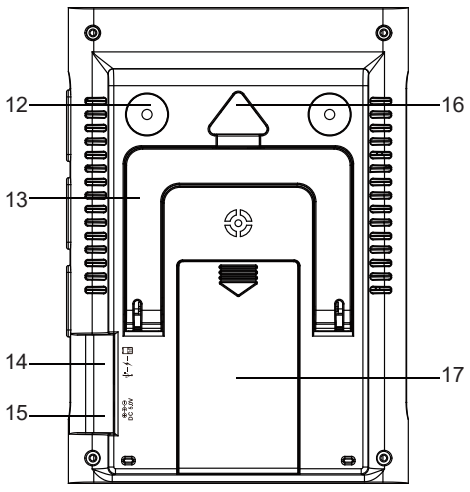
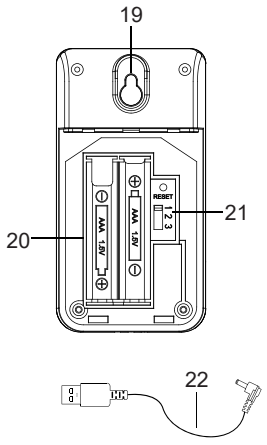
English GEEVON Thermometer with Weather Station
Item No. 86278
User Manual

Thank you for purchasing 86278 thermometer with weather station.Please take a moment to read this guide and store it for future reference









Controls and Displays:

1.Weather Forecast
2.Outdoor Temperature
3.Indoor Temperature
4.Time Display
5.Alarm
6.RF signal
7.Channel 1/2/3
8.Low battery indicator for sensor
9.Outdoor Humidity
10.Low battery indicator for main display
11.Indoor Humidity
12.Magnetic Sheet (total 2 sheets)
13.Stand Bracket
14.USB port
15.DC port
16.Wall mount hole
17.Battery Compartment (3 x AAA Batteries, not Included)
18.Wireless RF Signal Indicator (Flashes when data is being sent to the display unit)
19.Integrated Hang Hole
20.Sensor Compartment (2 x AAA Batteries Not Included)
21.Channel Selector of Sensor (Maximum 3 Channels Available)
22.USB Line
A. [| |] button
B. [|] button
C. [+ |] button
D. [− | CH] button

Package Content:

1.Display unit
2.1 x outdoor sensor
3.Instructions Manual
4.USB Line

Main Features:

1.4 function buttons: [| |] [|] [+ |] [− | CH];
2. Temperature units: °F/°C switchable
3. 433MHz ASK RF Signal Reception
4. Support up to 3 outdoor sensors(Package comes with 1 sensor only)Max/min indoor and outdoor temperature and humidity memory (can be cleared manually)
5.weather forecast: sunny, cloudy, overcast, rainy, snowy
6.Main unit：3×1.5V AAA
7.DC 5.0V 1A input
8. Outdoor sensor: 2 x 1.5V AAA

Getting Started

1. Insert 2 x AAA batteries into the remote sensor after selecting the channel.
2. Insert 3 x AAA batteries and plug in the usb cable to power on the thermometer.
3. Place or hang the main unit indoors and the remote sensor indoors or outdoors (AVOID DIRECT SUNLIGHT AND RAIN)

Function of Buttons:

1. [| |] button
a.Single press to light up the backlight for 10 seconds.
b.Press and hold more than 2 seconds to set the temperature unit (°C/°F).
2. [|] button
a.Single press to set the alarm
b.Press and hold more than 2 seconds to set the time and the date.
3. [+ |] button
a.Single press to view the max/min temperature and humidity memory.
b.Press and hold more than 2 seconds to clear the max/min temperature and
humidity memory.
4. [− | CH] button
a.Single press to select channel 1/2/3.
b.Press and hold more than 2 seconds to enter RF long receiving mode.

RF Receiving Function

• After power on, the host will automatically enter the 3-minute RF receiving mode to receive the RF signal transmitted by the outdoor sensor, and then the received OUTDOOR temperature and humidity values are displayed on the screen. During the RF long receiving mode, the RF signal " " displays and flashes. When the signal is received successfully, it will automatically turn off the RF receiving, and the RF signal " " fully displays but not flash.
• When no signal is received, press and hold the [− | CH] button to clear the outdoor temperature and humidity value, and reinstall the battery to the transmitter. When the red indicator light on the transmitter flashes, it indicates that the host and the transmitter are matched, and then check whether the temperature and humidity value is displayed on the screen. If there is temperature and humidity appeared on the screen, it indicates that the host and the transmitter matches successfully, otherwise it fails to receive the signal, and then repeat the receiving operation to receive again;
• In standard mode, press the [− | CH] button to select the OUTDOOR RF channel1/2/3. Open the battery cover of the transmitter to adjust the temperature and humidity channels on the transmitter.
Note: The temperature and humidity channel on the transmitter needs to be the same as the channel selected by the host.
If the host selects channel 1, then the transmitter should also be dialed to channel 1.

Temperature and Humidity

1.Indoor temperature range: 14.18°F ~ +122°F(-9.9°C ~ +50°C). When the indoor temperature is lower than + 14.18 °F(-9.9 °C), display as LL. L °C & °F, higher than+122°F (50 °C), display as HH. H °C & °F;
2.Outdoor temperature range: -40°F ~ +140°F(-40°C ~ 60°C). When the outdoor temperature is lower than -40°F(-40°C), display as LL. L °C & °F, higher than+140°F (60 °C), display as HH. H °C & °F;
3.Indoor/outdoor humidity range: 20%RH ~ 95%RH. When the indoor/outdoor humidity is lower than 20%, display 20%; higher than 95%, display 95%;
4.Temperature resolution: 0.1°C & 0.1°F
5.Humidity resolution: 1%RH
Note: During the 3-minute RF long reception process, temperature and humidity detection is not performed, and INDOOR temperature and humidity values are not updated.

Accuracy:

1. Temperature accuracy:
-40°F ~ -4°F: ± 7.2°F
-4°F ~ 32°F: ± 3.6°F
32°F ~ 122°F: ±1.8°F
Note: when the temperature in 122°F ~ 158°F range, the temperature is only for reference.
2. Humidity accuracy: +/- 5 % RH (35%RH to 70%RH);
+/- 10 % RH (20%RH to 36%RH, 71%RH to 95%RH)

Max/Min Temperature & Humidity Memory

1.In standard mode, press the [+ |]button to view the max/min temperature and humidity records, the sequence is: MAX value→MIN value → current value;
2.When viewing the max/min temperature and humidity value,

it will automatically return to the current temperature and humidity if there is no key operation for 5 seconds;
3.In max/min display, press and hold the [+ | ℉]button for more than 2 seconds to clear the max/min temperature and humidity memory, at the same time the max/min temperature and humidity display as "- -".

Weather forecast:

The device predicts weather conditions for the next 12-24 hours based on humidity and temperature detected by the sensor, with an accuracy rate of about 40%-45%.

Placement of the Device:

1.Display unit placement:

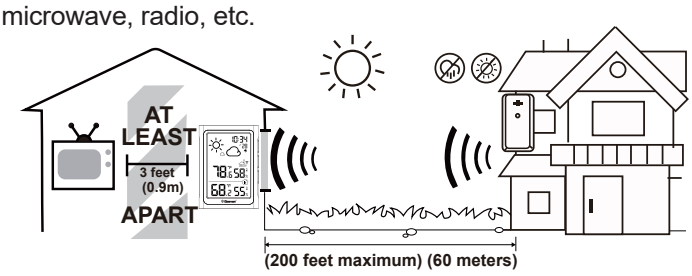
a. Place the display unit in a dry area free of dirt and dust.
b. Display unit stands up right for tabletop/countertop or hangs on the wall to use.

2.Outdoor sensor placement:

The remote sensor is IP44 water-resistant and designed for general outdoor use. However, to prevent damage, place the sensor in an area that 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.

3.Important Placement Guidelines:

a. To ensure accurate temperature measurement, place units out of directsunlight 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, thickwalls, metal surfaces, or other objects that may limit wireless communication.
d. To prevent wireless interference, place both units at least 3ft(1m) away from electronic devices(TV, computer, microwave, radio, 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 the "[- | CH]" button for 3 seconds. The display unit will now search for the RF signal for the next 3 minutes.

TROUBLE SHOOTING

Problem	Possible Solution
NO Outdoor Signal Reception / Outdoor Reading Always Flashes or Shows "--"	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 byside 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. Always make sure the channel chosen on the display unit matches the channel option chosen on the outdoor sensor. 3. Relocate the main unit and/or the outdoor sensor. The units must be within 200ft (60m) of each other. 4. Make sure both units are placed at least 3ft (1m) away from electronics that may interfere with the wireless communication(such as TV, microwave,computer, radio, etc). 5. Do not use heavy-duty or rechargeable batteries.The outdoor sensor requires alkaline batteries in low temperature conditions. 6. Do not mix old and new batteries.
Inaccurate temperature/ humidity	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: Temperature accuracy: -40°F ~ -4°F: ± 7.2°F -4°F ~ 32°F: ± 3.6°F 32°F ~ 122°F: ±1.8°F 4. Humidity accuracy: +/- 5 % RH (35%RH to 70%RH); +/- 10 % RH (20%RH to 36%RH, 71%RH to 95%RH)
Inaccurate Weather Forecast	Weather forecast readings should be disregarded for the next 24 hours. This will allow sufficient time for the weather station to collect date and therefore result in a more accurate forecast.Common to weather forecasting, absolute accuracy cannot be guaranteed.
Backlight doesn't stay on	The backlight turns off after 10s to save energy when powered by batteries. If you want the weather station always lights on, please plug in with USB cable.
"HH.H/LL." display in indoor and/or outdoor temperature	If the temperature is higher than the detection range, HH.H will display on screen for indication;If lower than the detection range, LL.L will display on screen for indication.
Care and maintenance	1. To maximize wireless range, place units away from large metallic items, thick walls, metal surfaces, or other objects that may limit wireless communication. 2. Please immediately change the batteries if the low battery indicator is displayed on the LCD for sensor. 3. Do not clean any part of the product with benzene,thinner or other solvent chemicals. When necessary, clean it with a soft cloth. 4. Never immerse the product in water. This will damage the product. 5. Do not subject the product to extreme force, shock, or fluctuations in temperature.

If you have any questions, please kindly contact Geevon Customer Support through your order page.

Cautions:
Place the sensor vertically on a North-facing wall or well-shaded location to avoid sunlight and rain.Direct sunlight will cause temperatures to read high. Recommend placing the sensor 6 inches under the eaves or the deck rail is preferred. The transmission range to the base station is 200ft/60m in open air, not including walls or floors.
FCCID:2AM88-TX19
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.
(2)This device must accept any interference received,including interference that may cause undesired operation.