Weather Station WS6681

User's Manual



Features

Humidity: Indoor & Outdoor measurable range: 20%RH ~ 95%RH

Temperature:

— Indoor temperature measurement ranges: -9.9°C (14.2°F) ~ 50°C (122°F)

— Outdoor temperature measurement ranges: -20°C (-4°F) ~ 60°C (140°F)

— Temperature alternatively in °C or °F

Weather forecasting and air pressure detect

Time in optional 12/24-hour format

Daily Alarm Function

Snooze function

Low battery indicates

Indoor comfort indictor

The temperature, humidity, and comfort of the 3 remote sensors displayed on the screen

Ice alert

Maximum /minimum value record of temperature and humidity

7 languages select able: English>German> French>Spanish> Italian>Dutch> Danish

Wireless Outdoor Sensor:

— Wall Mount or Table Stand

— 3 Channel

— 433.92MHz RF transmitting frequency

— 50 Meter transmission range in an open area

Power Supply

Weather Station:

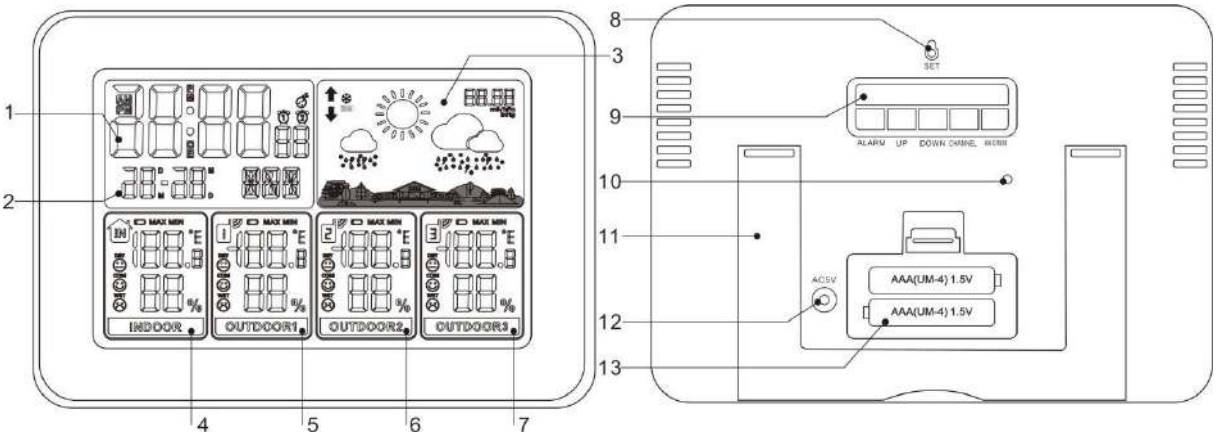
Battery: 2 AA batteries required (Not included in the package)

DC 5V USB power supply, universal only USB power cable in the package, no adapter included.

Remote Sensor:

Battery: 2 AA batteries required (Not included in the package)

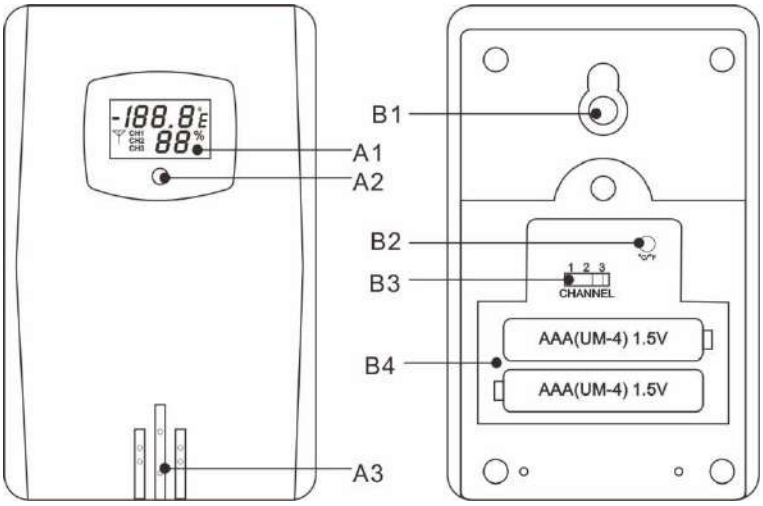
Appearance description



Display console

1. Time
2. Date and day of week
3. Weather forecast and air pressure
4. Indoor temperature / humidity / comfort
5. Remote sensor 1 data
6. Remote sensor 2 data

7. Remote sensor 3 data
8. Wall mounting hole
9. Operation button area
10. Buzzers
11. Stand
12. Power adapter input socket
13. Battery compartment cover



Remote sensor

A1. Remote sensor temperature / humidity
A2. Transmit indicating light
A3. Temperature and humidity sampling port
B1. Wall mounting hole
B2. °C /°F unit transfer button
B3. Channel switch
B4. Battery compartmen

General Setting

- While in default displaying mode, long press SET button to enter setting mode, Press "UP" or "DOWN" buttons to adjust the setting and press "SET" to confirm each setting.
- The setting sequence is shown as follow: 12/24HR, Hour, Minute, Date and Month, Year, Month, Date, Languages, Weather Icon, Unit of air pressure (mb/hPa or inHg), Air Pressure value

Setting the daily alarms

- Hold "ALARM" button for 2 seconds to enter ALARM time setting. Press "UP" or "DOWN" button to adjust the setting and press "ALARM" button to confirm each setting. The setting sequence is shown as follow: ① hour, ① minute, ② hours, ② minutes.
- While in default displaying interface, press "ALARM" button to show alarm time.
- Press "UP" to switch alarm ON or OFF. If it is ON, ① or ② icons would be shown on the screen.
- Alarm will last for 2 minutes.
- When the Alarm is ringing, tap the "SNOOZE/LIGHT" area on the top of product to activate the SNOOZE function, the alarm will repeat every setting snooze time (8 minutes), Or press any other buttons to turn off the alarm.
- When the alarm is ringing, press any button except the "SNOOZE/LIGHT" button to stop the alarm signal. It is not necessary to reactivate the alarm. It will ring again this time next day.

Temperature, Humidity and Air Pressure

- Max/Min Temperature/ Humidity Recording

In normal display, press the “MAX/MIN” button to show the maximum/minimum data recorded. No operation for 10 seconds, it will return to the standard display interface automatically. The data recorded will be cleared automatically at 00:00 every day. Hold the “MAX/MIN” button for 2s to clear the data recorded manually.

- Comfort level indication

DRY: When the temperature is at any value and humidity is below 40%.

COMFOTABLE: When the temperature is between 20-28°C and humidity is between 40-70%.

WET: When the temperature is at any value and humidity is above 70%.

No Display: when the temperature is not between 20-28°C and humidity is not between 40-70%, no comfort level indication is displayed.

- Press DOWN button to toggle between ℃ and ℉.
- Console’s temperature detecting range: -9.9℃～+50℃（14.2℉～122.0℉）, low-end shows: LL.L, high-end shows: HH.H. Console’s humidity detecting range: 20%-95%,low-end shows: 19%, high-end shows: 96%.
- Sensor’s temperature (shown on console) detecting range: -20℃～+60℃（-4℉～140.0℉）, low-end shows: LL.L, high-end shows: HH.H. Sensor’s humidity detecting range: 20%-95%,low-end shows: 19%, high-end shows: 96%.
- Detecting period: Temperature and Humidity, every 30s.
- Atmospheric pressure trend:
  After each detection, compare with the previous trend data.
  If it rises by 2 hPa, an arrow pointing upwards will be displayed: ↑
  if it decreases by 2 hPa, the arrow points downwards: ↓
  If the change is within 2 hPa in the last hour, no arrow will be displayed.

RF Function (wireless sensor)

- After inserting the batteries for both console and remote sensors, the product starts sync progress automatically. If sync successfully, the temp/humidity data will be shown on console.
- Please make sure the 3 wireless sensors are toggled into 3 different channels (channel1, 2 and 3).
- If the signal is lost between the remote sensor and the base station, to re-synchronize, while in normal mode, press “CHANNEL” button to select different channels (icon flashing), then hold the “CHANNEL” button for 2s and the console starts searching the signal, in the meantime, please re-insert the wireless sensor’s batteries and waiting for pairing.

Weather Forecast

- There are six weather icons: Sunny, Partly Cloudy, Cloudy, Rainy, Stormy and Snow.
- 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 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 CLOUDY

	CLOUDY		RAINY
	STORMY		SNOW (when 1st channel outdoor temp is below -4℃)

* The weather symbols indicate the weather fluctuation over the next 8 hours and not the current weather.

Background lighting

- The weather station is designed for using external power supply as main power source.
- Battery power supply is for temporary and backup use only.
- When the base station is powered by external power source, the backlight can be continuously on. Tap the **"SNOOZE/LIGHT"** area to adjust the dimmer brightness between 100%, 75%, 50%, 25% and 0%.

In case of losing main power supply, when the base station is powered by 2 x AAA batteries, tap the "SNOOZE/LIGHT" area and backlight will last for 15 seconds.

Languages

- **EN>>DE>> FR>> ES>>IT>>NL>> DA**
  （English>> German>> French>> Spanish>> Italian>> Dutch>> Danish）

If you have any question about the product, please feel free to contact your sales.

Manufacturer: STARMETER INSTRUMENTS CO., LTD
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