

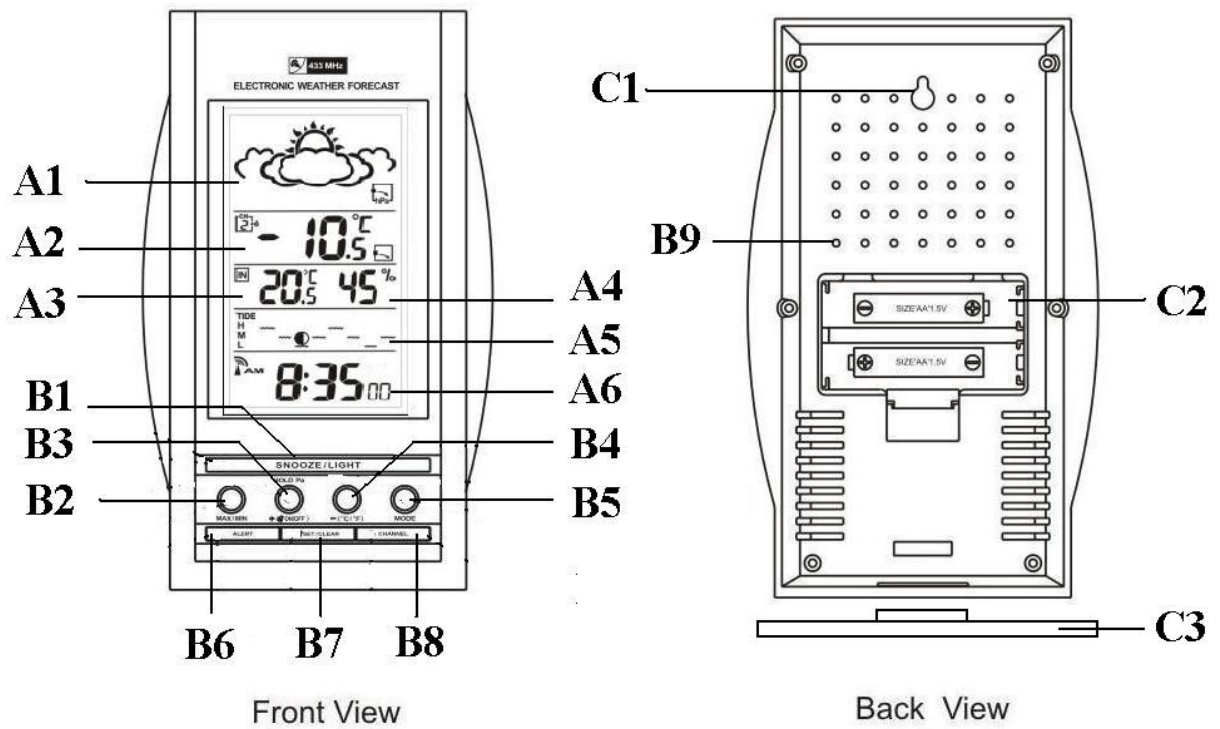
# User manual

## KW5012

### Features:

- Weather Forecast with Sunny, Slightly Cloudy, Rainy and Cloud Burst.
- 433MHz RF receiving frequency.
- Maximum three selectable RF channels with wireless Thermo Sensor.  
(One Wireless Thermo Sensor Included)
- Transmission range: 30 meters ( open area ).
- Measuring range:
  - Indoor temperature : 0°C ~ +50°C
  - Humidity : 30% ~ 90%
  - Outdoor temperature : -20°C ~ +50°C
- Temperature Alert function.
- Max/Min Memory for Humidity, Indoor and Outdoor Temperature.
- Moon Phase Display.
- High Tide, Medium Tide and Low Tide Indication.
- Low-battery indicator for Outdoor Remote Sensor.
- Perpetual Calendar Up to Year 2069.
- 12/24Hour time display selectable.
- Day of week in 8 Languages Selectable.
- Wall Mount or Table Stand Selectable.
- Battery:
  - Main Unit : DC 1.5 V AA size x 2 pcs
  - Thermo Sensor Unit : DC 1.5 V AAA size x 2 pcs
- Size : 160 x 92 x 26 mm

## Main Unit Appearance



### Part A- LCD

A1: Weather Forecast

A3: Indoor Temperature.

A5: Moon Phase & Tide Indicator.

A2: Outdoor Temperature

A4: Indoor Humidity

A6: Time Display

### Part B- Buttons

B1: "SNOOZE/LIGHT" button

B3: "-(C/F)" button

B5: "MAX/MIN" button

B7: "ALARM ON/OFF" button

B9: "RESET" button

B2: "MODE" button.

B4: "+(12/24)" & "HOLD Pa" button

B6: "CHANNEL" button

B8: "ALERT" button

### Part C- Structure

C1: Wall Mount Hole

C3: Stand

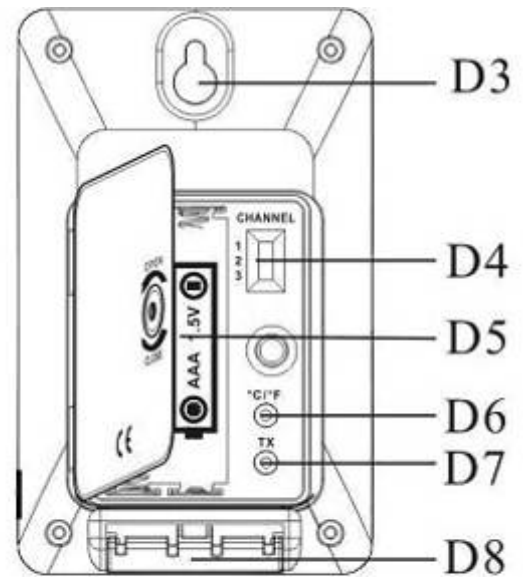
C2: Battery Compartment

**KW9010**

**Thermo Sensor Unit Appearance.**



**Front View**



**Back View**

- D1: Transmission Indication LED
- D3: Wall Mount Hole
- D5: Battery Compartment
- D7: “TX” button

- D2: Outdoor Temperature
- D4: Channel Select Switch
- D6: °C/°F” button
- D8: Stand

**Manual Time Setting:**


- Hold “ MODE” button for 3 seconds to enter Clock/Calendar setting Mode .
- Press “+” or “-” buttons to adjust the setting and press “MODE” button to confirm each setting.
- The setting sequence is shown as follow: Hour, Minutes, Second, Year, Month/Day sequence, Month, Day, Time Zone, Day-of-week language.
- 8 languages can be selected in Day-of-week, they are: German, English, Russian, Denmark, Dutch, Italian Spanish and French,. The languages and their selected abbreviations for each day of the week are shown in the following table.

Language	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
German, GE	SO	MO	DI	MI	DO	FR	SA
English, EN	SU	MO	TU	WE	TH	FR	SA
Russian, RU	BC	NH	BT	CP	HT	NT	CY

Denmark, DA	SO	MA	TI	ON	TO	FR	LO
Dutch, NE	ZO	MA	DI	WO	DO	VR	ZA
Italian, IT	DO	LU	MA	ME	GI	VE	SA
Spanish, ES	DO	LU	MA	MI	JU	VI	SA
French, FR	DI	LU	MA	ME	JE	VE	SA

- The zone is used for the countries where can receive the DCF signal but the time zone is different from the German time.
- When the country time is faster than the German time for 1 hr, the zone should be set to 1. Then the clock will automatically set 1 hour faster from the signal time received.
- The Time Setting Mode will automatically exit in 5 seconds without any adjustment.


#### **Snooze Alarm Clock Function:**

- Press “MODE” button to select to view :  
Time → Date/Month /Weekday → Alarm Time (“ALM” Shown on the LCD)
- When viewing the Alarm Time, hold “MODE” button for 3 seconds to enter Alarm Time setting. Press “+” or “-” buttons to adjust the alarm time.
- Press “ALARM ON/OFF” button to switch alarm on or off. If it is on, “” shown on the LCD.
- Snooze alarm snoozes for 5 minutes, then it alarms again.
- Press any button to stop the snooze alarm.

#### **Weather Forecast Function:**

- After Batteries inserted, or holding “Hold Pa” button for 3 seconds, weather icon Flash (LCD-A1). Enter the current weather pressing “+” or “-” buttons. Press “MODE” button to confirm the setting. The weather forecast may not be accurate if the current weather entered is not correct.
- Totally 5 different weather in the weather forecast.

“  ” means **Sunny** .

“  ” means **Slightly Cloudy**.

“  ” means **Cloudy**.


“  ” means **Rainy**

“  ” means **Cloudburst**.

- If there is any inconsistency of weather forecast between Local Weather Station and this unit, the Local Weather Station's forecast should prevail.
- The trend pointer displayed on the LCD indicates the trend of the Barometric pressure.

“  ” indicates the barometric pressure trend is increasing.

“  ” indicates the barometric pressure trend is steady.

“  ” indicates the barometric pressure trend is decreasing.

### **Maximum/Minimum Indoor /Outdoor Temperature and Humidity Recording Function:**

- Press “MAX/MIN” button to show the maximum recorded Indoor /Outdoor Temperature and Humidity.  
“**MAX**” is shown on the LCD
- Press “MAX/MIN” button again to show the minimum recorded Indoor/Outdoor Temperature and Humidity.  
“**MIN**” is shown on the LCD.
- Hold “MAX/MIN” button for 3 seconds to clear the recorded maximum and minimum reading.

**Thermometer:**

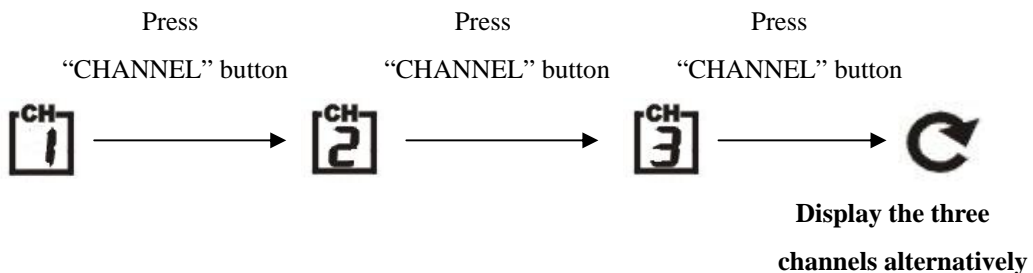
- Press “-(°C / °F)” button to select Indoor/Outdoor Temperature in Celsius mode/ Fahrenheit mode.

**Outdoor Thermo Sensor Unit Registration Procedure:**


- The weather station automatically starts receiving transmission from Outdoor Thermo Sensor for outdoor temperature after new batteries are inserted.
- The sensor will automatically transmit temperature to the weather station after batteries inserted. Batteries compartment of thermo sensor is locating behind the back cover, unscrews to open.
- For having more than one external transmitter (Maximum3), select the Channel, CH1, CH2 or CH3 to ensure each sensor is transmitting difference channel before inserting batteries. The channel select switch is at the back of the thermo sensor.
- Press “ TX “ button on the thermo sensor unit to transmit temperature to the weather station manually. The weather station gives a “beep” sound if it received the temperature.


**Display outdoor temperature :**

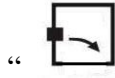
- Press “ CHANNEL” button to view the 3 Channels’ temperature. The sequence is shown as follow:



- Hold “ CHANNEL” button for 3 seconds to cancel unused channel manually. It will automatically register a new channel again if a new channel is received. If there is no temperature displayed in existing channel ( “ - - . -“ is displayed on the LCD ), press “CHANNEL” button for 3 seconds to cancel that channel and receive the channel again.
- The trend pointer displayed on the LCD indicates the trend of the outdoor temperature.

“  ” indicates the outdoor temperature is increasing.

“  ” indicates the outdoor temperature is steady.



“ ” indicates the outdoor temperature is decreasing.

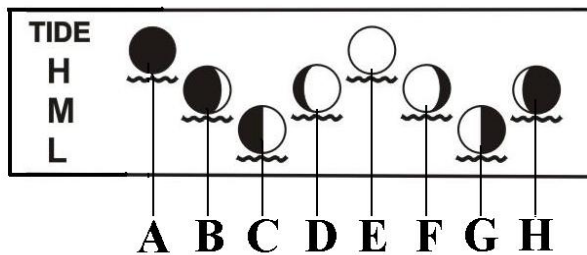
- Press “ °C /°F” button, on the Thermo Sensor unit, to select Thermo Sensor displayed in Celsius mode or Fahrenheit mode.

### Temperature Alert function:

- Hold “ ALERT” button for 3 seconds to enter Temperature Alert setting, Temperature’s digits flash.
- Press “ +” or “-” button to select Indoor or Outdoor CH1, CH2 and CH3 temperature alert. Press “ALERT “button to confirm the setting.
- Press “ +” or “-” button to set the upper “▲” and lower “▼” limit of the temperature. Press “ALERT “button to confirm the setting.
- Press “ ALERT” button to set the Temperature Alert function on or off ( “▲▼” appears on the LCD if this function is on).

### Moon Phase and Tide Indication

The Moon Phase of each day is shown on the LCD.



A: New Moon

B: Waxing Crescent

C: First Quarter

D: Waxing Gibbous

E: Full Moon

F: Waning Gibbous

G: Last Quarter

H: Waning Crescent


Tide Status :

H : High Tide

M: Medium Tide

L: Low Tide

### Low batteries indicator:

- Low battery icon “ “ appear at outdoor temperature row in particular channel indicating the external transmitter of the channel in low battery status.

### Back Light:

- Press “ SNOOZE/LIGHT” button, back light states for 5 seconds.

**FCC Compliance Statement:**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**FCC rule:**

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.