

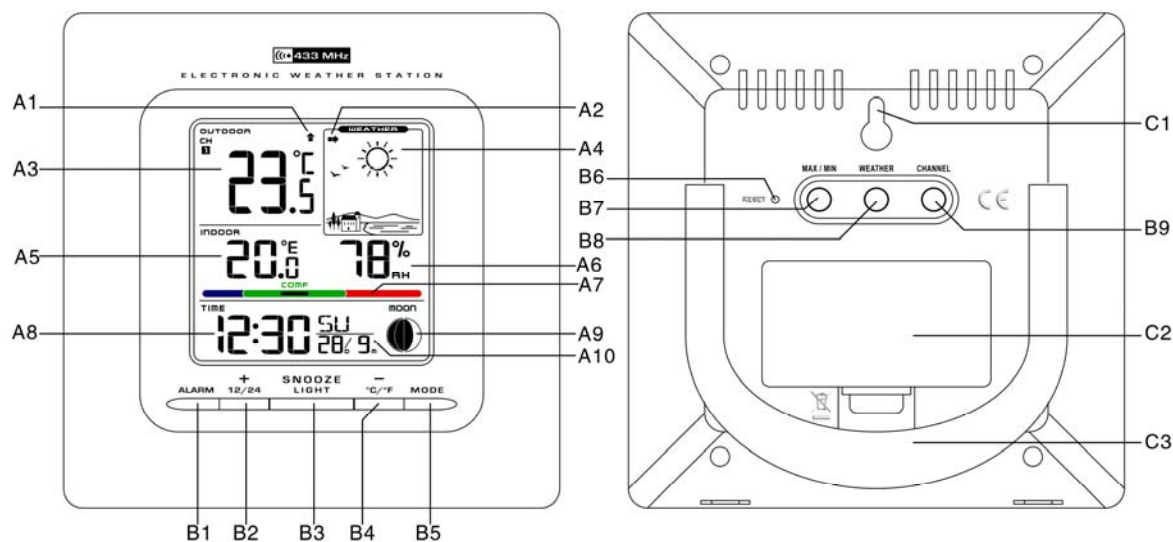
# KW9009CA(2) WEATHER STATION (RC-NONE)

## USER MANUAL

### 1. Features

- 1.1 Weather Forecast animation**
  - Sunny, Slightly Cloudy, Cloudy, Rainy and Snow
  
- 1.2 Time**
  - Dual Time setting
  - 12/24 hour user selectable
  - Daily Snooze Alarm function
  - Perpetual Calendar Up to Year 2099
  - Day of week in 8 languages user selectable
  
- 1.3 Humidity**
  - Measurable range: 20 ~ 99%
  - Max/Min Memory
  
- 1.4 Temperature**
  - Indoor measurable range: 0 ~ 50°C [+32 ~ +122°F]
  - Measures °C / °F user selectable
  - Outdoor measurable range: -20 ~ 50°C [-4 ~ +122°F]
  - Max/Min Memory [indoor & outdoor]
  - Comfort Indicator Bar
  
- 1.5 Wireless Outdoor Sensor**
  - Low-battery indicator for Outdoor Thermo Sensor
  - Wall Mount or Table Stand
  - One Wireless Thermo Sensor Included
  - 433MHz RF transmitting frequency
  - 30 meter [98 feet] transmission range in an open area

## 2. Main Unit Appearance



### 2.1 Part A- LCD

A1: Outdoor Temperature Trend  
 A2: Air Pressure Trend  
 A3: Outdoor Temperature  
 A4: Weather Forecast  
 A5: Indoor Temperature

A6: Indoor Humidity  
 A7: Comfort Indicator Bar  
 A8: Time  
 A9: Moon Phase  
 A10: Date, Day of Week

### 2.2 Part B- Buttons

B1: "ALARM" button  
 B2: "+ (12/24)" button  
 B3: "SNOOZE/LIGHT" button  
 B4: "-(C/F)" button

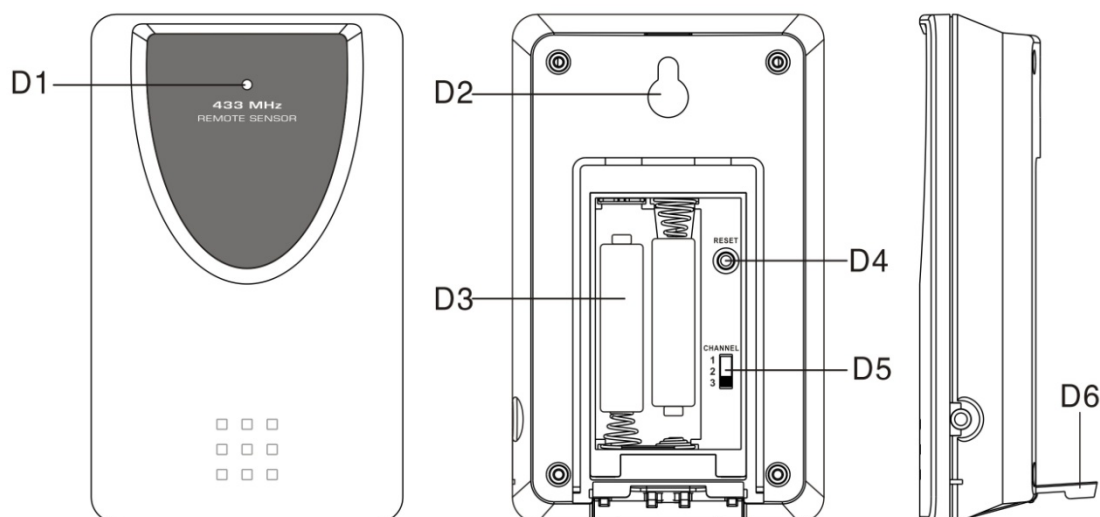
B5: "MODE" button  
 B6: "RESET" button  
 B7: "MAX/MIN" button  
 B8: "WEATHER" button  
 B9: "CHANNEL" button

### 2.3 Part C- Structure

C1: Wall Mount Hole  
 C3: Stand

C2: Battery Cover

### 3. Outdoor Thermo Sensor



D1: Transmission Indication LED  
D2: Wall Mount Hole  
D3: Battery Compartment

D4: "RESET" button  
D5: Channel Select Switch  
D6: Stand

### 4. Getting Started:

#### 4.1 Main Unit:

- Open main unit battery compartment cover [C2]
- Insert 2 x AA batteries observing polarity [ "+" and "-" marks]
- Replace main unit battery compartment cover [C2]
- Use a pin to press the RESET [B6] button on the rear of the main unit, the main unit is now ready for use

#### 4.2 Outdoor Thermo Sensor

- Batteries compartment (D3) of thermo sensor is locating behind the back cover, unscrews the batteries cover to open.
- Insert 2 x AAA batteries observing polarity [ "+" and "-" marks]

## 5. Installation

### 5.1 Main Unit

The main unit can be placed onto any flat surface (C3), or wall mounted by the hanging hole (C1) at the back of the unit.

### 5.2 Outdoor Thermo sensor

The remote sensor should be securely mounted onto a horizontal surface.

**Note:** *Transmissions between receiver and transmitter can reach up to 30m in open area. Open Area: there are no interfering obstacles such as buildings, trees, vehicles, high voltage lines, etc.*

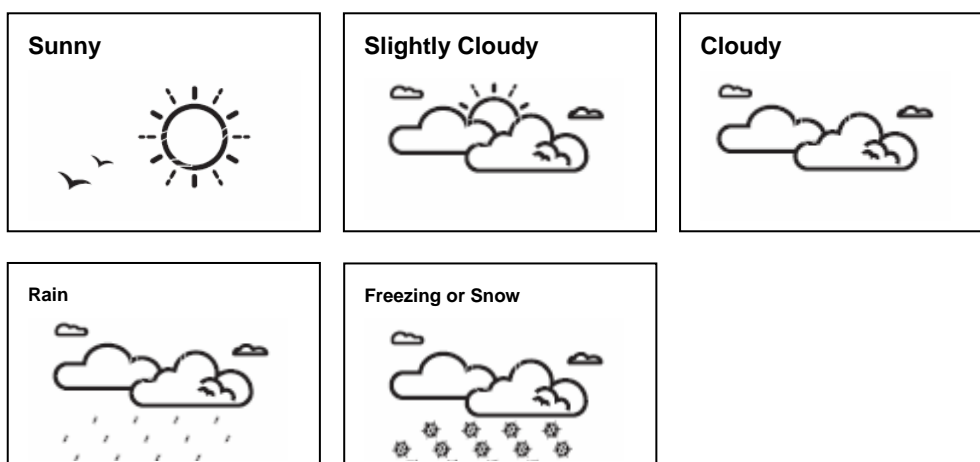
## 6. Weather Forecast Function

### 6.1 Operation

- After Batteries inserted, OR holding “WEATHER” button (B8) for 3 seconds, weather icon flash (A4) on the LCD. Enter the current weather pressing “-” (B4) or “+ “(B2) button. Press “WEATHER” (B8) button to confirm the setting. The weather forecast may not be accurate if the current weather entered is not correct.
- The current weather status should be entered again if the altitude of the Main Unit is changed. (Barometric pressure is lower at higher altitude location. Therefore, altitude change will affect the weather forecast). The weather station will start the first forecast at 6 hours later after the current weather status is entered.

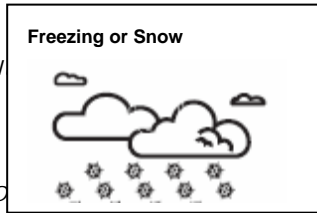
### 6.2 Weather Conditions

There are totally 5 different weather status animations in the weather forecast.



**Note:**

- “  
ou” is shown if the weather forecast is Rainy and temperature (any channel) under 0° C.
- Fro  
yn if the outdoor temperature (any channel) is between -2° C ~ +3 ° C
- If there is any inconsistency of weather forecast between Local Weather Station and this unit, the Local Weather Station's forecast should prevail. The manufacture will not hold responsible for any trouble that may come up due to wrong forecasting from this unit.




**6.3 Barometric Trend Pointer (A2)**

The trend pointer displayed on the LCD (A2) indicates the trend of the Barometric pressure.

		
<p>Indicating the barometric pressure trend is rising</p>	<p>Indicating the barometric pressure trend is steady</p>	<p>Indicating the barometric pressure trend is falling</p>

**7. Thermometer**

**7.1 RF Transmission Procedure:**

- The main unit automatically starts receiving transmission from outdoor thermo sensor for outdoor temperature after weather condition setting.
- The thermo sensor unit will automatically transmit temperature signal to the main unit after batteries inserted.
- 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 (D5) is at the back of the thermo sensor.
- If main unit failed to receive transmission from outdoor thermo sensor in first 3 minutes after the batteries inserted (“- . -”display on the LCD), hold “Channel” button (B9) for 3 seconds to receive transmission manually. RF icon “” flashes on the LCD

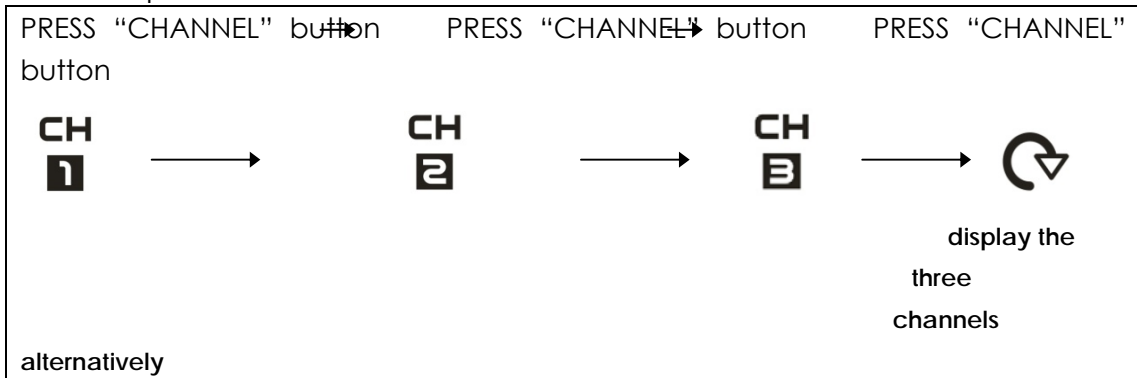
**Note:** Buttons (except “Channel” & “Light” buttons) will not function while

*scanning for thermo sensor's signal unless they are well received or stopped manually.*

## 7.2 Temperature & Humidity

### (1) Outdoor Temperature--- Channel Selection




- Press "CHANNEL" button (B9) to view the 3 Channel's temperature. The sequence is shown as follow:



- When viewing the record on CHANNEL 1 or 2, or 3, hold "CHANNEL" button (B9) for 3 seconds to cancel the record on this channel manually, and receive the transmission from channels automatically again.

### (2) Outdoor Temperature Trend

- The trend pointer (A1) displayed on the LCD indicates the trend of the outdoor temperature.


		
Indicating the outdoor temp. is rising	Indicating the outdoor temp. is steady	Indicating the outdoor temp. is falling

### (3) Celsius / Fahrenheit

- Press "°C /°F" button (B4) to select Indoor/Outdoor Temperature in Celsius mode or Fahrenheit mode.
- If the temperature is out of the measurable range, LL.L (beyond the minimum temperature) or HH.H (beyond the maximum temperature) will be shown on the LCD.

### (4) Maximum / Minimum Temperature & Indoor Humidity Recording Function:

- Press “MAX/MIN” button (B7) to show the maximum recorded Indoor /Outdoor Temperature and Indoor Humidity. “**MAX**” is shown on the LCD
- Press “MAX/MIN” button again to show the minimum recorded Indoor/Outdoor Temperature and Indoor Humidity. “**MIN**” is shown on the LCD.
- Hold “MAX/MIN” button (B7) for 3 seconds to clear the recorded maximum and minimum reading.

(5) Comfort Indicator Bar  (A7) for the display of pleasant/unpleasant climate, if the black dot in green zone means pleasant climate.

## 8. Time and Alarm Setting

### 8.1 Manual Time Setting:

- Hold “MODE” button (B5) for 3 seconds to enter Clock/Calendar setting mode.
- Press “-” (B4) or “+” (B2) button to adjust the setting and press “MODE” button (B5) to confirm each setting.
- The setting sequence is shown as follow: Hour, Minute, Second, Year, Month, Day, Time Zone, Day-of-week language.
- 8 languages can be selected in Day-of-week, they are: German, French, Spanish, Italian, Dutch, Denmark, Russian, and English.
- 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	ПH	BT	CP	ЧT	ПT	CB
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

- If you receive no RC-DCF frequency signal, the time zone should be set to 0. Time Zone is used in countries which can received the DCF frequency signal but the time zone is different from German Time ( i.e. GMT+1)

**Note:**

(1) Second adjusted to zero only.

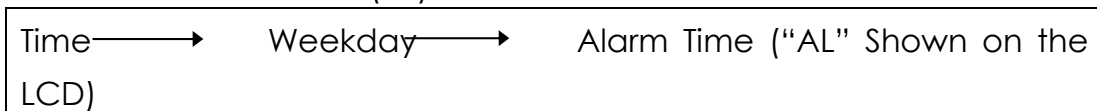
(2) The Time Setting Mode will automatically exit in 15 seconds without any adjustment.

**8.3 12/24 Hour Display mode:**

Press "(12/24)" button (B2) to select 12 or 24 hours mode.

**8.4 Daily Snooze Alarm Function:**

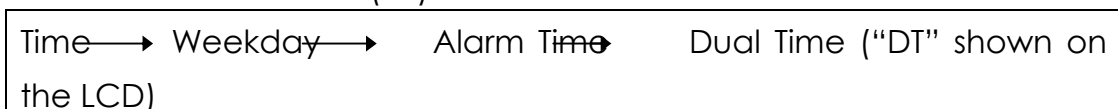
- Press "MODE" button (B5) to select to view :



- When viewing the Alarm Time, hold "MODE" button (B5) for 3 seconds to enter Alarm Time setting. Press "-" (B4) or "+" (B2) button to adjust the alarm time. Press "MODE" button (B5) to confirm the setting.
- Press "ALARM" button (B1) to switch alarm on or off. If it is on, " ((•)) " shown on the LCD.
- When Alarming, press "SNOOZE / LIGHT" button (B3) to activate the snooze alarm, " ((•)) " flash on the LCD). The alarm will snooze for 5 minutes, then it alarms again. This snooze function can be enabled for maximum 7 times.
- Except "Snooze" button, press any button to stop the snooze alarm.

**8.5 Dual Time Setting Function**

- Press "MODE" button (B5) to select to view :

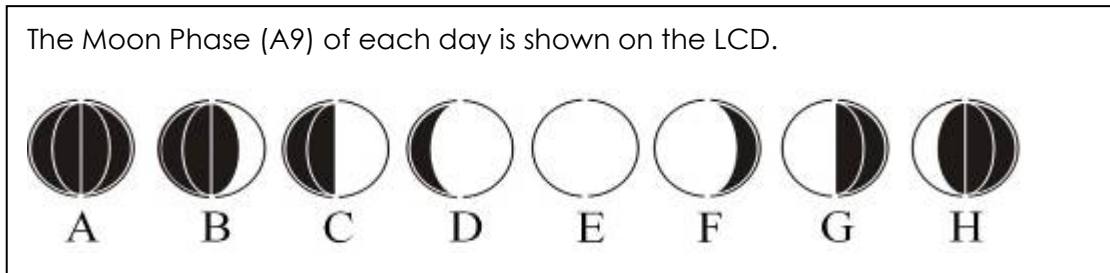


- When viewing the Dual Time, hold "MODE" button (B5) for 3 seconds




to enter Dual Time setting. "Hour" & "Min" digits flash. Press "-" (B4) or "+" (B2) button to adjust the "hour", press "MODE" button (B5) to confirm and quit the setting.

## 9. Moon Phase Display



A:	New Moon	B: Waxing Crescent
C: First Quarter		
D: Waxing Gibbous	E: Full Moon	F: Waning Gibbous
G:	Last Quarter	H: Waning Crescent

## 10. Low battery indication:

The low battery icon " "will appear at particular channel indicating that thermo sensor unit of the channel is in low battery status. The batteries should be replaced.

## 11. Backlight

Press "SNOOZE/LIGHT" button (B3), back light states for 5 seconds.

## 12. Precautions

- Use a pin to press the reset button (B6) if the Unit does not work properly.
- All Setting Modes will automatically exit in 15 seconds without any adjustment.
- The clock loses its time information when the battery is removed.
- Avoid placing the clock near interference sources/metal frames such as computer or TV sets.
- Do not expose it to direct sunlight, heavy heat, cold, high humidity or wet areas
- The outdoor sensor must not be set up and installed under water. Set it up in away direct sunlight and Rain

- *Never clean the device using abrasive or corrosive materials or products. Abrasive cleaning agents may scratch plastic parts and corrode electronic circuits*
- *If there is any inconsistency of weather forecast between Local Weather Station and this unit, the Local Weather Station's forecast should prevail. The manufacturer will not take responsible for incorrect forecasting from this unit*

### 13. Specifications

<b>Indoor Data:</b>	
Temperature range:	0 to 50°C [+32 to +122°F]
Temperature Units	°C or °F [switchable]
Humidity Range:	20% to 99%
Weather Forecast:	5 icons [sunny, slightly cloudy, cloudy, rainy &
<b>Outdoor Data:</b>	
Transmission distance: (open area)	30m @ 433MHz
Temperature range:	-20 ~ 50°C [-4 ~ +122°F]
Mount:	wall / table
<b>Main Unit Dimensions:</b>	W130x h130x d30 mm
<b>Thermo Sensor Dimensions:</b>	w62 x h101 x d24 mm
<b>Battery Requirements:</b>	
Base Station [indoor]:	2 x AA batteries
Sensors [outdoor]:	2 x AAA batteries

## FCC STATEMENT

1. 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.

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.