

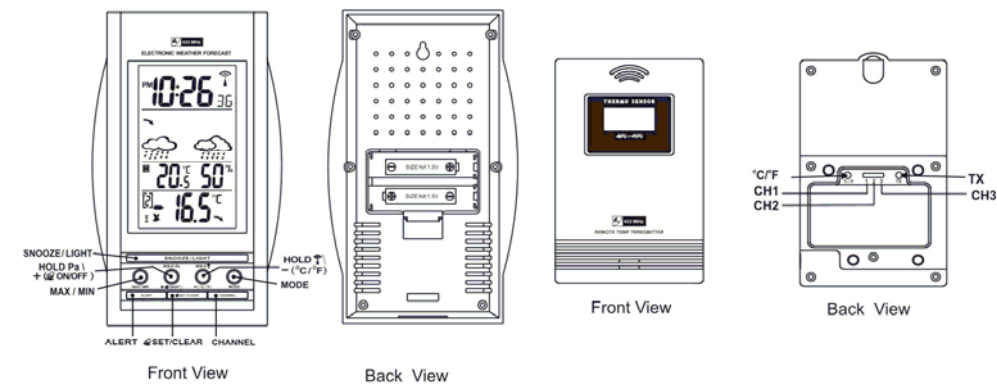
Kw5012 (WWVB)

App Brand: Corth Electronics Co., Ltd.
FCC ID: Q96-KW5012

Features:

- Radio controlled time with manual setting option
- 12/24Hour time display selectable.
- Two daily alarms.
- 433MHz RF receiving frequency.
- Three channel selectable wireless thermo sensor.
- Transmission range: 30 meters (open area).
- Measuring range:
 - Indoor temperature : 0°C ~ +50°C
 - Humidity : 30% ~ 90%
 - Outdoor temperature : -50°C ~ +70°C
- Indoor/Outdoor temperature alert function.
- Low-battery indicator for weather station and outdoor remote sensor.
- Weather forecast showing sunny, slightly cloudy, cloudy, rainy and cloudburst.
- LED black light.
- Battery:
 - Weather Station : DC 1.5 V AA size x 2 pcs
 - Thermo Sensor Unit : DC 1.5 V AA size x 2 purchase
- Size : 168 x 97 x 56 mm

RF wireless weather station and Radio Controlled Clock Model KW 5012A



Radio Controlled Clock:

- The clock automatically starts scanning the RF 433MHz signal to register a new thermo sensor unit after new batteries inserted. After registered a new channel or press "CHANNEL" button to stop scanning, the clock will then scan the WWVB frequency signal ("▲" flashes on the LCD)
- The clock automatically scans the time signal at 3.00 a.m. everyday to maintain accurate timing. For failed reception in 7 minutes, scanning stops ("▲" on the LCD disappear) and repeats again at 4.00 a.m. 5.00 a.m. and 6.00 a.m.
- The clock manually scans the time signal by holding "HOLD ▲" button for 2 seconds. For failed reception in 7 minutes, scanning stops. ("▲" on the LCD disappear).
- Press "HOLD" button to stop scanning.
- "▲" flashes indicate now is receiving WWVB signal
- "▲" turns on indicate signal received successfully

Manual Time Setting:

- Hold "MODE" button for 2 seconds.
- Press "+" or "-" buttons to adjust 12/24hr mode, Hour, Minutes, Time Zone, Year, Month and Date.
- Press "MODE" button to confirm each setting.
- The time zone (TZ) is used for setting the 4 time zones in America.
 - 5 should be set for "Eastern"; -6 should be set for "Central"; -7 should be set for "Mountain"; -8 should be set for Pacific.
- The Time Setting Mode will automatically exit in 8 seconds without any adjustment.

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

The users manual or instruction manual for an intentional or unintentional radiator shall contain the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Snooze Alarm Clock Function:

- Press "MODE" button to select to view Date/ Month / Weekday, AL-1 ("☀" " flashes on the LCD) and AL-2 ("☁" " flashes on the LCD). (Display will back to time mode if "MODE" button is not pressed for 5 seconds).
- In AL mode, press "+" to switch on or off of the alarm. ("☀" or "☁" " flashes on the LCD). Hold "SET/CLEAR" button for 2 seconds to set the alarm time.
- Press "+" or "-" buttons to adjust the alarm time and press "SET/CLEAR" to confirm the setting.
- The alarm snoozes for 8 minutes, then it alarms again.
- Press any button to stop the alarm.

Thermometer:

- Press "C / °F" button to select thermometer in Celsius mode/ Fahrenheit mode.

Back Light:

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

Maximum/Minimum temperature and humidity recording function:

- Press "Max/Min" button once to show the maximum indoor, outdoor temperature and humidity reading
- Press "Max/Min" button twice to show the minimum indoor, outdoor temperature and humidity reading.
- Press "SET/CLEAR" button to clear the recorded maximum or minimum reading.

Weather Forecast function:

- Hold "HOLD Pa" button for 2 seconds. Then press "-" button to choose the current weather. The current weather must be input for weather forecasting.
- Press "HOLD Pa" button to confirm the setting.
- For more accurate forecasting, input rainy weather again when it is raining.
- After 6 hours, the weather station will forecast the weather in **6 hours later** and show one of the following five icons on the LCD.

"☀" means **Sunny** .

"☁☁☁" means **Slightly Cloudy**.

"☁☁" means **Cloudy**.

"☁☁☁☁" means **Rainy**

"☁☁☁☁☁" means **Cloudburst**.

- When the weather forecasted is Cloudburst, the clock will alarm and the back LED light will on for 5 seconds. Press any buttons to stop alarming.

* If there is any inconsistency of weather forecast between Local Weather Station and this unit, the Local Weather Station's forecast shall prevail.

Outdoor thermo sensor unit registration procedure:

- The weather station automatically starts receiving transmission from outdoor thermo sensor's for outdoor temperature after new batteries are inserted.
- Insert batteries to the thermo sensor, the sensor will automatically transmit temperature to the weather station.
- For having more than one external transmitter (Max 3), 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 4 different modes to display the 3 channels' temperature. The 4 modes are: displays the 1st channel, the 2nd channel, the 3rd channel or displays the three channel alternatively ("☉" shows on the LCD in this mode).
- Hold "CHANNEL" button to register a new channel manually.
- The 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", on the thermo sensor unit, to select thermometer in Celsius mode/ Fahrenheit mode

Temperature alert function:

- Hold "ALERT" button for 2 seconds.
- Press "+" or "-" button to select indoor or outdoor alert.
- Press "ALERT" button to select setting of the upper or lower limit of the temperature.
- Press "+" or "-" button to adjust the temperature.
- Press "ALERT" button to confirm the settings.
- Press "ALERT" button to set the temperature alert function on ("⚡" " appears on the LCD).

Low batteries indicator:

- Low battery icon "🔋" appear at indoor temperature row indicating weather station in low battery status.
- Low battery icon "🔋" appear at outdoor temperature row in particular channel indicating the external transmitter of the channel in low battery status.

Note:

- Always read the users manual carefully before operating the Unit.
- Avoid placing the clock near interference sources/metal frames such as computer or TV sets.
- The clock loses its time information when the battery is removed.
- Buttons will not function while scanning for DCF or outdoor temperature signal unless they are well received or stopped manually.

(NEW IC, NEW CODE)