



# WIRELESS WEATHER STATION

English

Ref.: SM121 + SM121-B

## - OPERATION INSTRUCTION -

### 1/ MAIN FUNCTIONS

1. Radio-controlled clock
2. Weather forecast for 4 states: sunny, semi-sunny, cloudy, rainy
3. Seven languages to show the day: English, Germany, French, Italian, Spanish, Dutch, Danish
4. Indoor temperature range: 0°C to 50°C, sampling cycle: 12 seconds
5. Indoor humidity range: 20% to 95%
6. Outdoor temperature/ humidity with RF : up to 3 channels
7. In/out trend indication of temperature/humidity
8. Alarm function for upper or lower limit of outdoor temperature
9. Indication of the comfort index
10. The function of Alarm/ Snooze
11. Summer time
12. Moon phase

### 2/ POWER-ON AND RESET

#### 2.1 Setting up batteries

- a) Open the battery compartment on the back of the station and remove plastic protections of 2 batteries.
- b) Place the batteries based polarity, and properly close the door.
- c) Then open the door to stack probe back and remove plastic protections of batteries.
- d) Place the batteries based on polarity, and properly close the compartment.
- e) Then wait for about 7 minutes time is automatically displayed.

Note: for manual tuning, see paragraph 3.3.

2.2 When Power-On and reset, LCD full display for 3 seconds → enter the normal state after “Beep” → check temperature and humidity

1. The calendar defaults 0:00 January 1, 2004
2. Alarm defaults 0:00
3. The weather icon defaults semi-sunny
4. Temperature scales defaults Celsius degree °C.
5. Time system defaults 24Hr.

### 3/ INSTRUCTION OF OPERATING THE KEYS

#### 3.1 Key functions

Six functional keys: DOWN, UP, SET, ALARM, CHANNEL, SNOOZE.

FONCTION		SET	ALARM	UP	DOWN	SNOOZE	CHANNEL
OPERATION							
Standard mode	Click		Alarm On/Off	12hr/24hr switchable	°C/°F switchable	Enter into snooze state	Switchable between CH1, 2 and 3
	Hold	Enter into clock setting	Enter into alarm setting				Clear current registre CH
SET	Click	Confirm the setting		One step forward	One step backward		
	Hold			8 steps/second	8 steps/second backward		
ALARM	Click		Confirm the setting	One step forward	One step backward		
	Hold			8 steps/second forward	8 steps/second backward		
ALARM of temperature	Click			One step forward	One step backward		Choose the channel
	Hold			8 steps/second forward	8 steps/second backward		

### 3.2 Normal states

- A) Hold "SET" for 2 seconds to enter into time setting
- B) Click "ALARM" to switch the alarm on/off
- C) Hold "ALARM" for 2 seconds to enter into Alarm setting
- D) Press "DOWN" to switch between °C/°F
- E) When ALARM rings, click "SNOOZE" to enter into the snooze state every 5 minutes
- F) Press "CHANNEL" to switch RF channel, CH1 →CH2→CH3
- G) Hold "CHANNEL" key for 2 seconds to clear out all data of current "CHANNEL"

### 3.3 Manual time set

1. Hold "SET" key for 2 seconds to enter into time setting
2. The sequence of time setting: Year(2000-2099) →Month→ Date → Language → Hour → Minute → Time zone →Exit
3. The figures will flash during the setting.
4. Press "SET" to confirm the setting, and enter the next setting state
5. Press "UP" one time, the setting will go ahead for one step; hold the key for 2 seconds, it will run forward by 8 steps/second.
6. Press "DOWN" one time, the setting will backward for one step; hold for 2 seconds, it will run back by 8 steps/second.
7. Moon phase is changed accordingly
8. The system will exit automatically if no key is operated in 8 seconds.

### 3.4 Alarm set

- A) Hold "ALARM" key for 2 second to enter into alarm setting
- B) The sequence of alarm setting: Hour → Minute → exit
- C) The figures will flash during the setting.
- D) Press "ALARM" to confirm the setting, and enter the next setting state
- E) Press "UP" one time, the setting will go ahead for one step; hold the keys for 2 seconds, it will run forward by 8 steps/seconds.
- F) Press "DOWN" one time, the setting will backward for one step; hold for 2 seconds, it will run back by 8 steps/second.
- G) The system will exit automatically if no key is operated in 8 seconds.

## 4/ FUNCTION AND EFFECT

### 4.1 The receiving function of RF

- A) After installing the battery and checking temperature/humidity, it will enter RF receiving state automatically for 3 minutes.
- B) Under normal display mode, hold the "CHANNEL" key for 2 seconds to clear out the channel information
- C) If there is no effective signal with same ID code received for the current channel in 35 minutes, the temperature of that CH will shows "--.-".
- D) The temperature display will resume back when the correct signal is received again

#### 4.2 The function of alarm

- A) The BUZZER will ring for 2 seconds as below:
- 0 – 10 sec.: 1 “beep” for second
  - 10 – 20 sec.: 2 “beep” for second
  - 20 – 30 sec.: 4 “beep” for second
  - after 30 sec.: “beep” continuously
- B) When ringing, click “SNOOZE” key once to enter into 5 minutes snooze states, exit if any other key is clicked.
- C) Under snooze state, it will start ringing again if another alarm time is due.

#### 4.3 RCC receiving function

- How to enter RCC receiving status:
  - It will enter RCC receiving state automatically 3 minutes after powering ON or resetting.
  - It enters RCC receiving automatically at 2:00, 3:00, 4:00, 5:00 everyday.
  - Press “DOWN” key for 2 seconds to enter RCC receiving status forcibly.
- RCC receiving time is 7 minutes.
- When it is receiving signals, press “DOWN” key will exit RCC receiving status, pressing any other key will have no effect.
- When DST is able and is receiving the signal, it will display the symbol of sun on the LCD, showing that it enters the DST system, and the time will be 1 hour faster.
- When the RCC symbols display fully, the relative RCC icon will be OFF if the present time is changed.

#### 4.4 The function of temperature and humidity

- A) The indoor temperature range: 0°C to +50°C (32°F to +122°F)
- B) The humidity range: 20% to 95%
- C) The outdoor temperature range: - 50°C to +70°C (-58°F to +158°F)
- D) Sampling period: 12 seconds.
- E) The accuracy of temperature: +/- 1°C
- F) The temperature and hygrometer sampling will be held when the alarm is ringing

#### 4.5 The function of weather forecast

The weather icons for 4 states: sunny → semi-sunny → cloudy → rainy

#### DETAILS AND PRECAUTIONS ON THE USE OF BATTERIES :

- Discard a used battery in nature or garbage pollutes and prevents the recovery of recyclable materials.
- It is therefore important to limit consumption of batteries and follow these guidelines:
- focus on alkaline batteries (that last longer than the saline batteries) and when possible, rechargeable batteries
  - deposit batteries and accumulators in specific containers arranged among traders.  
For example, metals will be valued and polluted the environment because they contain heavy metals hazardous to health and the environment primarily (cadmium and nickel)
- The piles must installation by respecting the polarity indicated on the apparatus and the pile.
- An incorrect positioning can is to damage the apparatus, is to cause escapes on the level of the pile, is to the extreme to cause a fire or the explosion of the pile.
- To ensure proper operation, the batteries must be in good condition. In case of abnormality in the functioning of the device, put fresh batteries
  - Never attempt to recharge non-rechargeable batteries. They could run, warm up, causing a fire or explosion.
  - Replace all batteries at the same time. Never mix zinc batteries with alkaline batteries or rechargeable batteries
  - The batteries must be removed from the device
  - Also, remove the batteries from your device if you do not use it for a long time, if the batteries may leak and cause damage.
  - Never try to short-circuit the battery terminals
  - Never dispose of batteries in fire, they might explode
  - Charging of batteries is to be performed by an adult.
  - Remove batteries from the device before reloading.
  - We recommend an adult to supervise children when they change the batteries so that these instructions are complied with or to make himself the replacement of batteries.
  - If a battery is swallowed, immediately consult a doctor or poison control center nearest you.
- Do not forget to carry the product with you



The symbol opposite indicates that the electric and electronic components are the subject of a selective collection, it represents a dustbin on wheels barred of a cross. The electric and electronic products can contain substances having negative effects on the environment and health. Worn, they should not be thrown with domestic waste but to be imperatively recovered in the selective collections: dump, associations of social economy and interdependent.

The selection of waste decreases the potential effects on the environment and human health due to the substances dangerous which can compose certain components electric and electronic.

Take an active part: to remove you not from the apparatuses with domestic waste!



## Déclaration de Conformité (DoC) R&TTE

Nous, Société Inovalley, 9 rue Rapporteur, 95310 Saint-Ouen l'Aumone, déclarons sous notre seule responsabilité que le produit:

**Marque : Inovalley**

**Nom commercial : Station météo sans fil avec horloge électronique**

**Type: SM121 / SM121-B - Modèle: RS8706**

auquel se réfère cette déclaration est conforme aux exigences essentielles et aux autres dispositions de la directive R&TTE (1999/5/CE) qui lui sont applicables. Le produit est en conformité avec les normes et/ou autres documents normatifs suivants :

EN 300 220-1 V2.1.1 (2006)

EN 301 489-1 V1.6.1 (2005)

EN 300 220-2 V2.1.2 (2007)

EN 301 489-3 V1.4.1 (2002)

EN 60950-1 (2006)

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Le fabricant  
INOVALLEY



J.L THIRY (PDG)