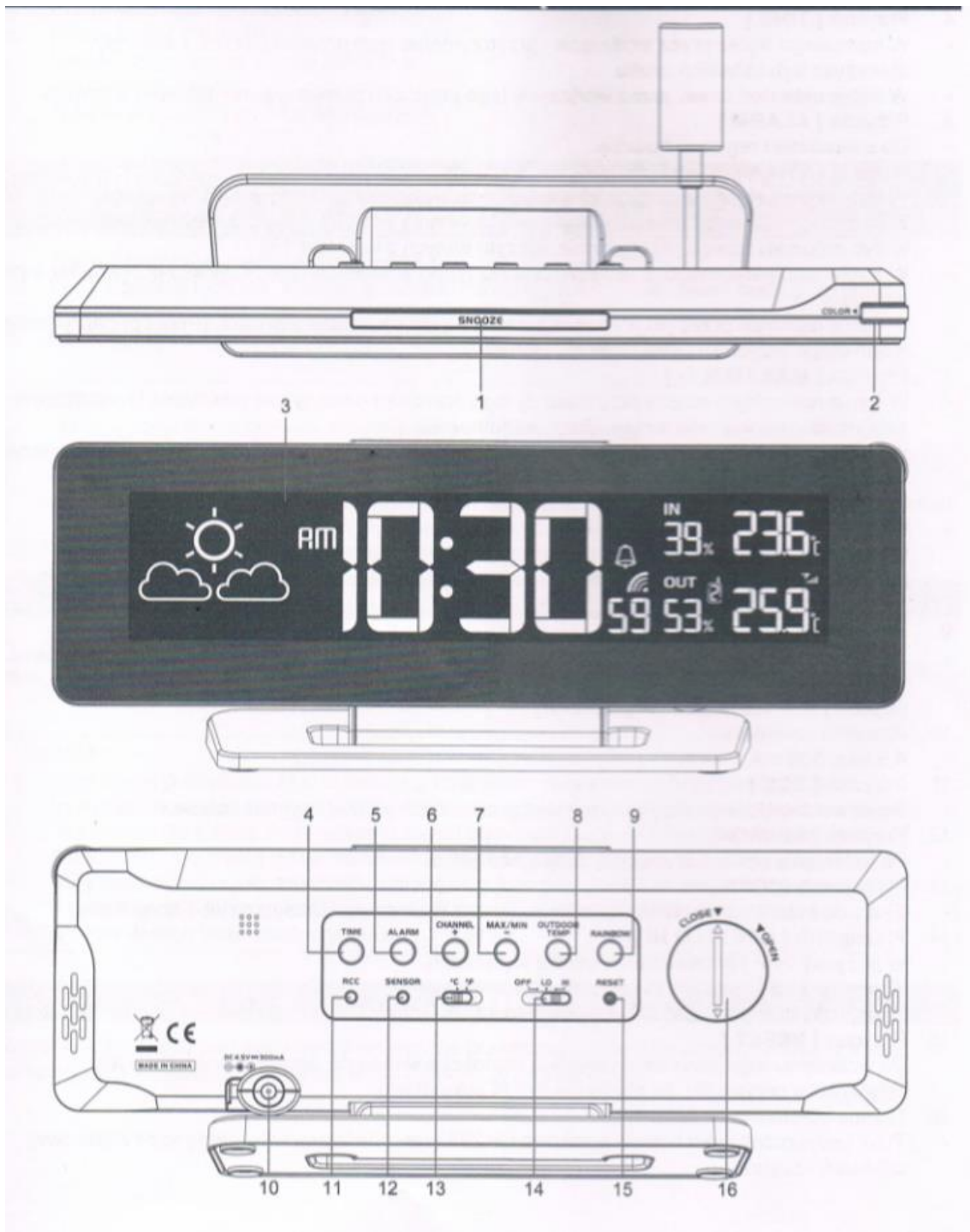1. **[SNOOZE] key**
   - When the alarm is sounding, press to stop the current alarm and enter snooze mode.
   - When the alarm is sounding, press and hold 2 seconds to stop the current alarm when sounding for 24 hours.

2. <mark>[COLOUR] backlight colour control knob</mark>

✓ Rotate the knob clockwise or anticlockwise to tune the backlight with 256 colour.

✓ Press [COLOUR] knob to turn on or turn off the backlight colour change.

3. <mark>LCD display</mark>

4. <mark>[TIME] key</mark>
✓ In normal time mode, press and hold 2 seconds to enter time setting mode.
✓ In time setting mode, press to step next setting mode.

5. <mark>[ALARM] key</mark>
✓ For alarm setting and operation

6. <mark>[CHANNEL / +] key</mark>
✓ In normal mode, press to switch between Channel 1-3 of outdoor sensores
✓ In normal mode, press and hold 2 seconds to enter auto-cycle mode of Channel 1-3 readings.
✓ During auto-cycle mode, press once to return to normal mode.
✓ In setting mode, press to increase the setting values (Hold it without releasing to speed up the setting).

7. <mark>[MAX / MIN] key</mark>
✓ In normal mode, press to check the minimum and maximum records of temperature and humidity.
✓ In setting mode, press to decrease the setting values (Hold it without releasing to speed up the setting).

8. <mark>[OUTDOOR TEMP] key</mark>
✓ Press to enter Colour by temperaturę mode and change colour according to the outdoor temperature. Value that received from the wireless sensors. It has 17 backlight colours to display different temperature ranges).

9. <mark>[RAINBOW] key</mark>
✓ When the backlight is on, press to change backlight colour in this sequence: white, red, orange, yellow, green, cyan, blue, purple.

10. <mark>Power jack</mark>
✓ DC 4.6V 300mA

11. <mark>[RCC] key</mark>
✓ Press to receive the RC signal manually.

12. <mark>[SENSOR] key</mark>
✓ Press to receive the data from the transmitter.

[C / F] slide switch
   ✓ Slide to switch between Celsius and Fahrenheit.

14. [OFF / LO / HI] slide switch
   ✓ Slide to [OFF] position to turn off the backlight.
   ✓ Slide to [LO] position for the dimmer backlight.
   ✓ Slide to [HI] position for the brighter backlight.

15. [RESET] key
   ✓ Press to reset all values to default values.
   ✓ In case of malfunction, press it to reset all values.

16. Battery door
   ✓ Accommodates a buton cel CR2032 for backup time and setting.

WIRELESS HYGRO-THERMO OUTDOOR SENSOR

1. LED indicator
   ✓ Flashes when the remote unit is transmitting.
2. LCD display to show the detected temperature or humidity of the sensor.
3. Wall mounting holder
4. [RESET] key
   ✓ Pres to restart the sensor.
5. [CHANNEL] slide switch
   ✓ Assign the transmitter to Channel from 1 to 3.
6. Battery compartment
   ✓ Accommodates 2 x AA size batteries.

BEFORE USING THE OUTDOOR SENSOR

1. Remove the battery door.
2. Insert 2 x AA size batteries into the battery compartment. Make sure you insert them the right way according to the polarity information marked on the battery compartment.
3. Replace the battery door.

NOTE:

   ✓ Once the channel is assigned to a sensor, you can only change it by removing the batteries or resetting the sensor, you also need to press the [SENSOR] key on main unit to pair this sensor.
   ✓ Avoid placing the transmitter in direct sunlight, rain or snow.

DAYLIGHT SAVING TIME (DST)

The clock has been programmed to automatically switch when the daylight saving time is in effect.

User can disable DST function in time and calendar setting mode.

RECEPTION OF RADIO CONTROLLED SIGNAL

The time and date are radio-controlled. The current time and date are automatically synchronized with the time signal transmitted from RC station.

User can disable or enable RC function by press and hold the [RCC] key for 8 seconds.

RCC SIGNAL STRENGHT INDICATOR

The signal indicator displays signal strenght in 4 levels. Wave segment flashing means time signals are being received. The signal quality could be calssified into four types.

- ✓ This unit will automatically search RCC signal at 2.00 am, 8.00 am, 2.00 pm and 8.00 pm per day.
- ✓ Always place the unit away from interfering sources such as TV set, computer, etc.
- ✓ Avoid placing the unit on or next to metal plate.
- ✓ Closed area such as airport, basement, tower block or factory is not recommended.
- ✓ Do not start reception on a moving article such as vehicle or train.

TIME SETTING

If you are reach of the Radio Controlled Transmitter or if the reception is not reachable, the time can be set manually. As soon as the transmitter is received again, the clock will automatically synchronize with received time.

1. In normal time mode, press and hold [TIME] key for 2 seconds to enter 12/24 hour format setting.
2. Press [CHANNEL / +] or [MAX / MIN -] key to set your desired. (Press it without releasing to speed up the setting).
3. Press [TIME] key again to step the setting items in this sequence: 12/24 format – Hour – Minute – Second – 23 hour offset – DST AUTO/OFF.
4. Press [TIME] key to save and exit the setting mode, or the clock will automatically exit the setting mode 60 seconds later without pressing any button.

ALARM ON/OFF

1. In normal time mode, press [ALARM] key to show the alarm time.
2. Press again to turn on/off alarm function and alarm icon appearing/disappearing on display.

WEATHER FORECAST FUNCTION

The indor console contains a built-in sensitive pressure to predict the weather forecast for the next 12-24 hours.

| Sunny | Partly cloudy | Cloudy | Rainy | Snowy |

NOTE:

- ✓ If there is any inconsistency of weather forecast between any local weather station and this unit, the local weather station's forecast should prevail. The manufacturer is not responsible for any errors due to incorrect forecasting resulting from this unit.
- ✓ Snowy is base on outdoor temperature condition, once equal or below -3 C.

SPECIFICATION

MAIN UNIT

Operating temperature range	-5 C – 50 C	23 F – 122 F
Temperature resolution	0.1 C	0.1 F
Operating humidity range	20% - 90%	
Display humidity range	1% - 99%	
Humidity resolution	1%	
Radio controlled signal	DCF or MSF	

WIRELESS SENSOR

Operating temperature range	-20 C – 60 C	-4 F – 140 F
Temperature resolution	0.1 C	0.1 F
Operating humidity range	20% - 90%	
Display humidity range	1% - 99%	
Humidity resolution	1%	
RF transmission frequency	433 MHz	
No. of remote sensor	up to 3 units	
RF transmission range	maximum 30 meters	

POWER

Main unit   AC / DC 4.5V, 300 mA adapter, CR2032 lithium battery for backup

Remote sensor   1.5V, AA x 2 (alkaline battery recommended)

DIMENSION

Main unit   230(W) x 87.5(H) x 49(D) mm

Remote sensor   65(W) x 100(H) x 35(D) mm