NOTE:

NOTE:

1. To turn on temperature pre-alarm, ALARM must be on.
2. The temperature pre-alarm can sound 30 minutes earlier than the alarm only when the outdoor temperature is below -3°C (26°F).
3. If no key is pressed during the alarm period, the alarm will turn off automatically. You can also press "SNOOZE/LIGHT" key to stop the current alarm and enter the snooze mode. With the bell icon keep flashing.
4. Once the snooze function is turned on, the 4-step crescendo alarm will sound 13 times in 5-minute interval. The alarm duration is 120 seconds.

RELATIVE ATMOSPHERE PRESSURE SETTING

The "rel" display on the LCD is the abbreviation of "relative", which refers to the relative atmosphere pressure based on the sea level; while "abs" is the abbreviation of "absolute", which means the absolute atmosphere pressure of your location. You can set the relative atmosphere pressure value according to the following steps:

1. Get the atmosphere pressure data of the sea level (it is also the relative atmosphere pressure data of your home area) through the local weather service, internet and other channels.
2. Press and hold "**mb-hPa/inHg**" key for 2 seconds until "**abs**" or "**rel**" icon flashes.
3. Press "**UP**"/"**DOWN**" key to switch to "**rel**" mode.
4. Press "**mb-hPa/inHg**" key once again until the "**rel**" atmosphere pressure digit flashes.
5. Press "**UP**" or "**DOWN**" key to change its value.
6. Press "**mb-hPa/inHg**" key to save and exit the setting mode, or let it exit automatically 30 seconds later without pressing any key.

NOTE:

1. The default relative atmosphere pressure value is 1013 mb/hPa (29.91 inHg), which refers to the average atmosphere pressure.
2. When you change the relative atmosphere pressure value, the weather indicators will change along with it.
3. The built-in barometer can notice the environmental absolute atmosphere pressure changes. Based on the data collected, it can predict the weather conditions in the forthcoming 24-72 hours. Therefore, the weather indicators will change according to the detected absolute atmosphere pressure after you operate the clock for 1 hour.
4. The relative atmosphere pressure is based on the sea level, but it will change with the absolute atmosphere pressure changes after operating the clock for 1 hour.

READING INDOOR/OUTDOOR TEMPERATURE &

HUMIDITY RECORDS

Change the temperature unit to °C for Celsius or °F for Fahrenheit by pressing "°C/°F" key.

NOTE:

1. If no signals are received or the transmission is interfered, "—" will appear on the LCD.
2. Relocated the clock or transmitter in other positions and make sure the transmission is within the effective range of 30m approx.
3. After several trails in vain, please reset the clock thoroughly. Try out where your multifunctional alarm clock receives the signals best.
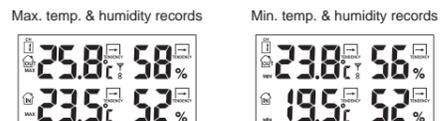
VIEWING THE CHANNEL

The default channel is Channel 1. In normal time mode, press "UP" key to view the channels from 1 to 3. Besides, the channels can automatically switch by pressing and holding the "UP" key for 3 seconds, with "beep" tone.

CHECKING AND DELETING MAX/MIN TEMPERATURE

& HU MIDITY RECORDS

1. Press "MAX/MIN" key once to check the maximum temperature and humidity records. Press it twice to check the minimum records. Press it again to exit.
2. Press and hold "MAX/MIN" for 3 seconds to delete the maximum and minimum temperature & humidity records, with "beep" tone.

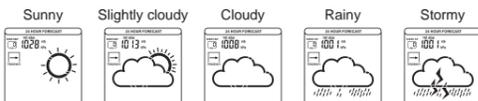Max. temp. & humidity records   Min. temp. & humidity records

WEATHER TREND

The temperature-trend, humidity-trend and pressure-trend indicator shows the trends of changes in the forthcoming few minutes. Arrows indicate a rising, steady or falling trend.

Arrow indicator	↗	→	↘
Pressure trend	Rising	Steady	Falling

WEATHER FORECAST INDICATOR

The built-in barometer can notice atmospheric pressure changes. Based on the data collected, it can predict the weather condition in the forthcoming 24-72 hours.
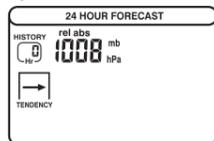
Sunny   Slightly cloudy   Cloudy   Rainy   Stormy

NOTE:

1. The accuracy of a general pressure-based weather forecast is about 70% to 75%.
2. The weather forecast is meant for next 24 to 72 hours, it may not necessarily reflect the current situation.
3. The "Snowy" weather forecast is not based on the atmosphere pressure, but based on the outdoor temperature. When the outdoor temperature is below -3°C (26°F), the "Snowy" weather indicator will be displayed on the LCD.

PRESSURE RECORDS IN THE PAST 24 HOURS

The current and historical atmosphere is shown in the 24 HOUR FORECAST window. The atmosphere can be displayed in mb/hPa or inHg by pressing the "**mb-hPa/ inHg**" key.

To check the pressure history in a particular hour during the past 24 hours, press the "**HISTORY**" key. Each press on the key will go back by an hour.

LED BACKLIGHT

This unit is equipped with illuminated touch keys. You can turn on the backlight by pressing any key. The backlight will be on for 5 seconds.

LOW BATTERY INDICATOR

When the LCD becomes dim, replace with 2 new AA size batteries at once; while if the low battery indicator " ✕ " displays in the outdoor temperature window, it indicates that the battery power of the transmitter is not enough, and you should replace with 2 x AA size batteries at once.
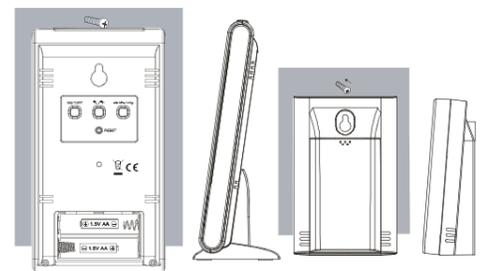
Transmitter's low battery indicator

NOTE:

Attention! Please dispose of used unit or batteries in an ecologically safe manner.

USING THE TABLE STAND OR WALL MOUNTING

The receiver has both desktop and wall-mounting structure. Place the screw on the desired wall and hang the clock by the wall mount in the back of it or just simply place it on the desktop by its table stand.

For the transmitter, fix the wall-mount holder on the wall or simply place it on the table.

SPECIFICATION

MAIN UNIT

Recommended operating range:	0°C to 45°C / 32°F to 113°F
Resolution:	0.1°C/°F (above -10°C/14°F) / 1°C/°F (below -10°C/14°F)
Humidity measuring range:	20%RH to 90%RH
Recommended operating range:	20%RH to 90%RH
Resolution:	1%RH
Pressure measuring range:	950mb to 1030mb / 28.05inHg to 30.41inHg
Pressure sampling cycle:	15 minutes
Radio controlled signal:	DCF77

REMOTE SENSOR

Recommended operating range:	-20°C to 55°C / -4°F to 131°F
Resolution:	0.1°C/1°F (above -10°C/14°F) / 1°C/1°F (below -10°C/14°F)
Humidity measuring range:	20%RH to 90%RH
Operating range:	20%RH to 90%RH
Resolution:	1%RH
RF transmission frequency:	433MHz
No. of remote sensor:	up to 3 units
RF transmission range:	maximum 80 meters
Temperature sensing cycle:	around 60-64 seconds

POWER

Main unit:	3V, use 2 x AA 1.5V alkaline battery
Remote sensor:	3V, use 2 x AA 1.5V alkaline battery

DIMENSION

Main unit:	86(W) x 168(H) x 60(D) mm
Remote sensor:	65(W) x 100(H) x 35(D) mm