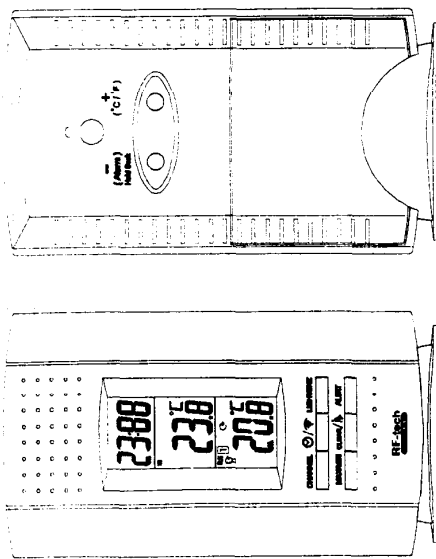


## RF 433MHz Wireless Thermometer 381F01



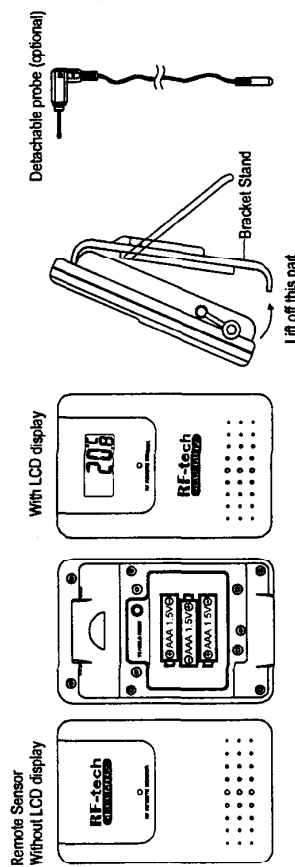
Thank you for purchasing the brand new RF Wireless Thermometer. Developed with the state-of-art technology and digital electronics, this precision device provides instant readouts for time, indoor temperature, 3-channel wireless outdoor temperatures plus a snooze alarm feature.

### Battery Installation & Registration of Sensors

Install batteries to the home receiver and then the remote sensor.

#### For home receiver:

Use a small screwdriver to remove the screw on the battery cover. Insert 2 pieces AAA size batteries into the battery compartment according to polarity indicated, close the battery cover and tighten the screw. After installing batteries to the home receiver, the outdoor channel "Tx" icon will flash for 3 minutes indicating that unit is waiting for RF sensor registration signal.  
Please note: After automatic sensor registration, you can still trigger the sensor registration process by holding the "Tx" button for 2 seconds.



(For wireless remote sensor)

During the 3 minutes that the home receiver is seeking for sensor registration signal, remove the bracket stand, release the screw at the rear of the sensor with a small screwdriver. Remove battery cover. Insert 3pcs AAA batteries into the battery compartment per direction shown. Channel 1 icon and the temperature will appear on the LCD of the receiving unit. If not, hold the Tx button for 2 seconds on the sensor to force out sensor registration signal. If registration is successful, close the battery cover and tighten the screws.

If registration is successful, a beep confirmation tone can be heard. If not, check the condition of the AAA batteries, repeat the registration procedure again. Close the battery door and back cover and tighten the screw on the sensor.

- To register sensor 2 and sensor 3: Press and hold the "Tx" button for 2 seconds of the home receiver to trigger sensor registration process. Insert batteries for sensor 2, channel 1 icon and temperature will appear on the LCD of the receiving unit. Follow the same procedure to register sensor 3.

#### Note:

- The sensor will transmit the registration code automatically to complete the registration after the batteries is just inserted. If the batteries have already inserted into the battery compartment, use a pen to tap & hold the "Tx" button for 2 seconds for registration.
- If "Tx" appears on the outdoor channel, move the sensor closer to the home receiver. Repeat the registration procedure again.
- The channel number will be automatically assigned to the respective sensor in sequence of registration.
- However, if all 3 RF sensors are already registered, you can perform the registration again by selecting the desired channel and hold "Tx" button for 2 seconds to tell the base unit to accept RF temperature signal, then hold "Tx" button for 2 seconds on the remote sensor.

#### °C / °F button

Press "°C/°F" button to select temperature reading in Celsius or Fahrenheit.

#### Clocks Setting

To adjust the clock manually: Press & hold "⌚" button for 2 seconds to enter clock set. Press "+" button to select 12/24 hr, press "⌚" button to confirm, press "+" button to adjust hour and "-" button to adjust minute, press "⌚" button to confirm, repeat the same procedure to set time zone offset and press "⌚" button to confirm & exit.

#### Daily Alarm

Press the "⌚" button to read alarm time 5 seconds. While alarm time appear on screen, hold "ALERT" button for 2 seconds to enter alarm set. Press "+" button to set hour and "-" button to set minute. Press "⌚" button to confirm and exit.

- Press "CLEAR" button to turn daily alarm on and off. The bell icon "🔔" appears to indicate daily alarm is on.
- When alarm sounds, press "LIGHT/SNZ" button to trigger an 8-minute snooze, the alarm bell icon "🔔" blinks indicating snooze is activated. Press any other button to stop alarm.

#### Extended Backlight

Press "LIGHT/SNZ" button once for a 3-second extended green backlight.

#### Installation

The home receiver can either be wall mounted or for desktop standing. Use a small screw to hang the unit over the wall. For desktop standing, fit the table stand (supplied) and place the unit on a flat surface. Place the outdoor sensor(s) away from direct sunlight and rainfall.

#### Channel Auto Scroll

Press the "CHANNEL" button to select temperature channel 1, 2 or 3 (if 3 sensors are registered). Hold "CHANNEL" button for 2 seconds for automatic scrolling remote sensor 1, 2 & 3. Hold "CHANNEL" button again to exit auto scroll.

#### Max/ Min Temperature Memory

Press "MAX/MIN" button to read maximum temperature 5 seconds, press again to read minimum temperature. To clear the record, simply press "CLEAR" button while the respective value staying on screen.

#### Temperature Alert

Press "ALERT" button to turn temperature alert on and off. Hold "ALERT" button for 2 seconds to enter setting. Press "+" and "-" buttons to select Indoor, Ch1, Ch2 or Ch3, press "ALERT" button to confirm selection. Press "+" and "-" buttons to enter upper temperature limit value, press "ALERT" button to confirm, then press "+" and "-" buttons to enter lower temperature limit value, press "ALERT" button to confirm and to exit. Each setting cycle can enter upper and lower temperatures limit of a channel, repeat the above procedure to set temperature alert of other channel.

#### Battery Replacement:

When any of the batteries (home receiver or remote sensor) becomes weak, the low battery icon will appear on the respective channel. Replace batteries for the respective unit whenever the icon appears. Follow the registration, setting and weather offset procedures mentioned in this manual.

#### Care of your Wireless Thermometer

Wipe off dirt by using soft damp cloth dipped with mild detergents, wipe off with soft dry cloth. Avoid exposing the precision electronic device to extreme temperatures including prolonged exposure to direct sunlight or wind chill. Handle the precision device with care, never drop on hard surface or subject to severe shocks. The remote sensor is splash proof designed, never immerse into water or expose to heavy rains.

#### Troubleshooting for losing Signals

If without obvious reasons the display for a particular channel goes (---) dash, check:

- The remote unit of that channel is still in place.
- The batteries of both receiving and remote unit. Replace as necessary.
- The transmission is within range and path is clear of obstacles and interference. Shorten the distance when necessary.
- Signals from other household devices, such as bells, home security system and entry controls, it may interfere with those of this product and cause temporarily reception failure. This is normal and it doesn't affect the general performance of the product. The transmission and reception of temperature readings will resume once recedes.

#### Precautions

- Do not clean the units with abrasive or corrosive compound. It may scratch the plastic parts and corrode the electronic circuits.
- Do not subject the units to excessive force shock, dust, temperature or humidity, which may result in malfunction, shorter electronic life span, damage battery and distorted parts.
- Do not tamper with these units' internal components. Doing so will invalidate the warranty on the unit and may cause unnecessary damage battery and distorted parts.
- Do not subject the units to excessive exposure to direct sunlight. The remote sensor is splash proof design. Never immerse in water or expose to heavy rain.
- Always read the users manual thoroughly before operating the unit.

#### Specifications

Displayed indoor temperature range : 0°C to +50°C (+32°F to +122°F)

Recommended remote sensor operating range

Sensor with LCD display : 0°C to +50°C (+32°F to +122°F)  
Sensor without LCD display : -10°C to +50°C (+14°F to +122°F)  
Detachable outdoor probe : -50°C to +70°C (-58°F to +158°F)

Transmission range

Maximum 30 meter, open area  
Transmission frequency : 433.92 MHz.  
Clock : Quartz

Batteries

Thermometer Station : DC 1.5V size AAA x 2 pcs (home receiver)  
Remote Sensor : DC 1.5V size AAA x 3 pcs (sensor)

Battery life (status)

Receiving unit : Typical 1 year  
Remote sensor : Typical 6 months

*This device could be sensitive for electrostatic discharge. If electrostatic discharge occurs or malfunction, please reset this unit.*

**Modification not authorized by the manufacturer may void users authority to operate this dev**

#### CAUTION

- The above content is subject to change without notice
- The displays printed in this manual may be different from the actual display because of printing limitations.
- The manufacturer and its suppliers hold no responsibility to you or any other person for any damage, expenses, losses, profits, or any other claims arisen by using this product.

#### NOTE:

This equipment has been tested and found to comply with 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 instruction, 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.