Your clock is designed to display time for different time zones. Please refer to the setting the time and calendar to set your desired time zone in following order:

PST (Pacific) → MST (Mountain) → CST (Central) → EST (Eastern)

**How to Pair Main Unit and Sensor**

1. Press [+CHANNEL] button on main unit to select a channel.
2. On sensor, slide channel switch to corresponding channel. (For additional sensors, select a different channel). Press [RESET] button.
3. Press [SENSOR] on main unit to initialize for 433 MHz reception.

**433 MHz Wireless Sensor Reception**

If the main unit receives wireless sensor signal successfully, the signal icon “       ” displays. While if it cannot receive sensor signal or signal is lost, icon “     ” displays.

**Daylight Saving Time (DST)**

The clock will automatically advance the time by one hour in the spring and back one hour in the fall. Your clock will display “DST” during summer.

**Setting the Time and Calendar**

- In normal time mode, press and hold [TIME SET] button for 3 seconds until the 12/24 Hr flashes.
- Press [+CHANNEL] [+ MEM] button to set 12/24 Hour format.
- Press [TIME SET] button again until Hour digit flashes and press [+CHANNEL] [+ MEM] button to adjust its value.
- Repeat above operations to set the time and calendar in this sequence:
  - DCF/MSF version: 12/24Hr=Hour:Minute=Second=Day
  - WWVB version: 12/24Hr=Hour=Minute=Second=Time Zone
- Press [TIME SET] button to save the setting and return to normal time mode. Or the clock will automatically exit the setting mode after 1 minute without pressing any button.

**Note:**

- When setting second, press [+CHANNEL] [+ MEM] button to set its value to 00.

**Setting the Alarm Time**

- In normal time mode, press [ALARM SET] button to enter alarm time mode. Press and hold [ALARM SET] button for 3 seconds until Hour digit flashes.
- Press [+CHANNEL] [+ MEM] button to set its value.
- Press [ALARM SET] button again to step to Minute setting. Press [+CHANNEL] [+ MEM] button to set its value.
- Press [ALARM SET] button to save the setting and return to normal time mode. Or the clock will automatically exit the setting mode after 1 minute without pressing any button.

**Note:**

- After pressing [+CHANNEL] [+ MEM] button, alarm function is automatically turned on (icon “       ” displayed).

**Using the Alarm and Snooze**

- In normal time mode, press [ALARM SET] button to enter alarm time mode. Press [ALARM SET] button again to turn on (icon “       ” displayed) or turn off alarm function.
- If alarm is turned on, alarm beeps at the alarm time.
- Alarm beeping can be stopped by:
  - Auto stop if no button is pressed during alarm sound beeping. Alarm beeping lasts for 2 minutes.
  - Press [SNOOZE] button to stop the current alarm and enter snooze. Alarm icon will be flashing continuously. The alarm will sound again in 5 minutes.
  - Snooze can be operated continuously in 24 hours.
- Press [ALARM SET] button to turn off alarm function.

**Temperature and Humidity**

To Select Temperature Unit

Slide [ °C / °F ] switch on main unit to < °C > or < °F > position.

To Read Outdoor Temperature and Humidity

The default displayed channel is channel 1.

1. In normal mode, press [+CHANNEL] button repeatedly to view readings of channel 1, 2 and 3.
2. Press and hold [+CHANNEL] button for 2 seconds to enter channel auto-change, and channels change automatically in every 4 seconds.
3. Press [+CHANNEL] again to return to normal mode.

**Note:**

- Once the channel is assigned to one sensor, you can only change it by removing the batteries or resetting the unit.
- If no signals are received or the transmission is interfered, “     ” will appear on the LCD.
- Relocate the main unit and sensor in other positions and make sure the transmission is within the effective range of 50 meters approx.
- After several trials in vain, please reset the main unit thoroughly. Try out where your multifunctional main unit receives the signals best.
VIEWING MAXIMUM AND MINIMUM RECORDS

1. Press [+/MEM] button to review maximum and minimum indoor & outdoor temperature and humidity records.
2. While reviewing the maximum and minimum records, press and hold [+/MEM] button for 3 seconds to clear both max & min records.

NOTE:
1. Once the channel is assigned to one sensor, you can only change it by removing the sensor and assigning a new channel.
2. Relocate the main unit and sensor in other positions and make sure the transmission is still strong.

WEATHER FORECAST

This unit contains a built-in pressure sensor. It can predict weather forecast in next 12 to 24 hours.

| Sunny | Slightly cloudy | Cloudy | Rainy |

NOTE:
1. The accuracy of a general pressure-based weather forecast is about 70% to 75%.
2. The weather forecast is meant for the next 12 ~ 24 hours, it may not necessarily reflect the current situation.

ICE ALERT

When the outdoor temperature falls between -2°C to 3°C (28°F to 37°F), the ice alert icon will display on the LCD and flash continuously, and disappear once the temperature is out of this range.

SPECIFICATIONS

Radio Controlled signal: DCF77/MSF/WWVB
RF transmission frequency: 433 MHz
RF transmission range: Maximum 50 meters
No. of remote sensor: Up to 3 units
Temperature sensing cycle: Around 60~64 seconds

INDOOR TEMPERATURE

| Displayed range: -40°C ~ 70°C (-40°F ~ 158°F) |
| Operating range: 0°C ~ 45°C (32°F ~ 113°F) |
| Accuracy: -20°C ~ 0°C: +/- 1°C ( +/- 2°F) |
| 0°C ~ 40°C: +/- 1°C ( +/- 2°F) |
| 40°C ~ 60°C: +/- 2°C ( +/- 4°F) |

INDOOR HUMIDITY

| Displayed range: 1% ~ 99% |
| Operating range: 20% ~ 90% |
| Resolution: 1% |
| Accuracy: 20% ~ 35%: +/- 8% @ 25°C |
| 40% ~ 70%: +/- 5% @ 25°C |
| 71% ~ 90%: +/- 8% @ 25°C |

OUTDOOR TEMPERATURE

| Displayed range: -40°C ~ 70°C (-40°F ~ 158°F) |
| Operating range: -20°C ~ 60°C (-4°F ~ 140°F) |
| Accuracy: -20°C ~ 0°C: +/- 2°C ( +/- 4°F) |
| 0°C ~ 40°C: +/- 1°C ( +/- 2°F) |
| 40°C ~ 60°C: +/- 2°C ( +/- 4°F) |

OUTDOOR HUMIDITY

| Displayed range: 1% ~ 99% |
| Operating range: 20% ~ 90% |
| Resolution: 1% |
| Accuracy: 20% ~ 35%: +/- 8% @ 25°C |
| 40% ~ 70%: +/- 5% @ 25°C |
| 71% ~ 90%: +/- 8% @ 25°C |

WARRANTY, SERVICE, OR RECALIBRATION

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