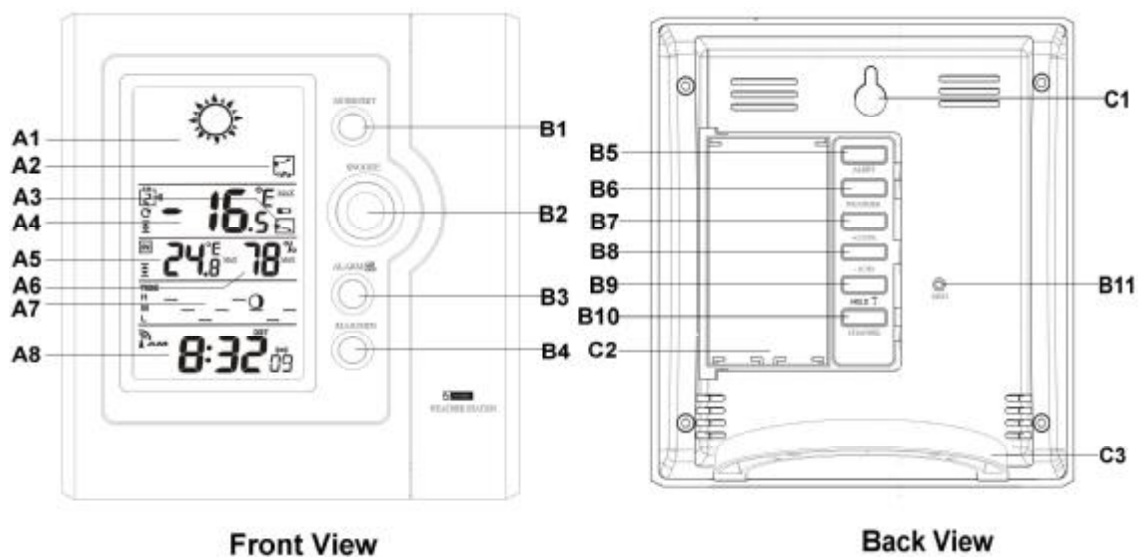


Features:

- | Radio controlled time with manual setting option
- | Weather Forecast with Sunny, Slightly Cloudy, Cloudy, Rainy and Cloud Burst.
- | 433MHz RF receiving frequency.
- | Maximum three selectable RF channels with wireless Thermo Sensor.
(One Wireless Thermo Sensor Included)
- | Transmission range: 30 meters (open area).
- | Measuring range:
 - Indoor temperature : 0°C ~ +50°C
 - Humidity : 20% ~ 99%
 - Outdoor temperature : -20°C ~ +50°C
- | Temperature Alert function.
- | Max/Min Memory for Humidity, Indoor and Outdoor Temperature.
- | Moon Phase Display.
- | High Tide, Medium Tide and Low Tide Indication.
- | Low-battery indicator for Outdoor Remote Sensor.
- | Perpetual Calendar Up to Year 2069.
- | 12/24Hour time display selectable.
- | Day of week in 8 Languages Selectable.
- | Wall Mount or Table Stand Selectable.
- | Battery:
 - Main Unit : DC 1.5 V AA size x 2 pcs
 - Thermo Sensor Unit : DC 1.5 V AA size x 2 pcs

Main Unit Appearance



Part A- LCD

A1: Weather Forecast

A3: Outdoor Temperature

A5: Indoor Temperature.

A7: Moon Phase & Tide Indication.

A2: Barometer Pressure Trend

A4: Outdoor Temperature Trend.

A6: Indoor Humidity

A8: Radio Controlled Time Display

Part B- Buttons

B1: "MODE/SET" button

B3: "ALARM ON/OFF" button

B5: "ALERT" button

B7: "+(12/24)" button

B9: "HOLD  " button

B11: "RESET" button

B2: "SNOOZE" button.

B4: "MAX/MIN" button

B6: "WEATHER" button

B8: "- (°C/°F)" button

B10: "CHANNEL" button

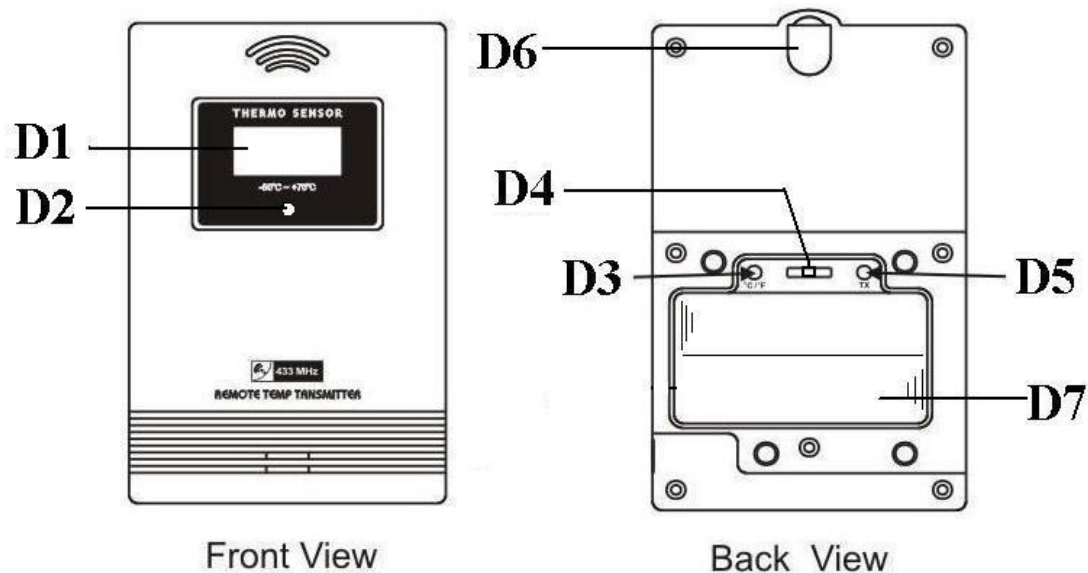
Part C- Structure

C1: Wall Mount Hole

C3: Stand

C2: Battery Compartment

Thermo Sensor Unit Appearance.



Thermo sensor unit

D1: Outdoor Temperature

D2: Transmission Indication LED

D3: “°C/°F” button

D4: Channel Selecting Switch

D5: “TX” button

D6: Wall Mount Hole








D7: Battery Compartment

Set Up:

ÿ Insert batteries.

ÿ Use a pin to press the RESET (B11) button

Radio Controlled Clock:

- 1 The clock automatically starts scanning the RF 433MHz signal to register new Thermo Sensor Unit after new batteries inserted. After registered new channels or press “CHANNEL” button (B10) to stop scanning, the clock will then scan the DCF time signal (“” flashes on the LCD). Buttons will not function while scanning for DCF or Thermo sensor’s signal unless they are well received or stopped manually.
- 1 The clock automatically scans the time signal at 3.00 a.m. everyday to maintain accurate timing. For failed reception, scanning stops (“” on the LCD disappear) and repeats again at 4.00 a.m. 5.00a.m. and 6.00a.m.
- 1 The clock manually scans the DCF time signal by holding “ - ” button (B8) for 3 seconds. For failed reception, scanning stops. (“” on the LCD disappear).
- 1 Press “HOLD  ” button (B9) to stop scanning when receiving DCF time signal.
“” flashes indicate now is receiving DCF time signal
“” turns on indicate signal received successfully

Manual Time Setting:

- 1 Hold “MODE/SET” button (B1) for 3 seconds to enter Clock/Calendar setting Mode .
- 1 Press “+” (B7) or “-” (B8) buttons to adjust the setting and press “MODE/SET” button (B1) to confirm each setting.
- 1 The setting sequence is shown as follow: Hour, Minutes, Second, Year, Month/Day sequence, Month, Day, Time Zone, Day-of-week language.

- 1 8 languages can be selected in Day-of-week, they are: German, English, Russian, Denmark, Dutch, Italian Spanish and French,. The languages and their selected abbreviations for each day of the week are shown in the following table.

Language	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
German, GE	SO	MO	DI	MI	DO	FR	SA
English, EN	SU	MO	TU	WE	TH	FR	SA
Russian, RU	BC	NH	BT	CP	HT	NT	CY
Denmark, DA	SO	MA	TI	ON	TO	FR	LO
Dutch, NE	ZO	MA	DI	WO	DO	VR	ZA
Italian, IT	DO	LU	MA	ME	GI	VE	SA
Spanish, ES	DO	LU	MA	MI	JU	VI	SA
French, FR	DI	LU	MA	ME	JE	VE	SA

- 1 The zone is used for the countries where can receive the DCF signal but the time zone is different from the German time.
- 1 When the country time is faster than the German time for 1 hr, the zone should be set to 1. Then the clock will automatically set 1 hour faster from the signal time received.
- 1 The Time Setting Mode will automatically exit in 5 seconds without any adjustment.
- 1 “DST” is shown on the LCD if it is in Daylight Saving Time mode

12/24 Hour Display mode:


- Y Press “+(12/24)” button (B7) to select 12 or 24 hours mode.


Snooze Alarm Clock Function:

- 1 Press “MODE/SET” button (B1) to select to view :
Time → Date/Month /Weekday → Alarm Time (“ ALM “ Shown on the LCD)
- 1 When viewing the Alarm Time, hold “MODE/SET” button (B1) for 3 seconds to enter Alarm Time setting. Press “ +” (B7) or “-” (B8) buttons to adjust the alarm time.
- 1 Press “ALARM ON/OFF” button (B3) to switch alarm on or off. If it is on, “ () ” shown on the LCD.
- 1 When Alarming, press “SNOOZE / LIGHT” button (B2) to activate the snooze alarm. Snoozes alarm snoozes for 5 minutes, then it alarms again.
- 1 Press any button to stop the snooze alarm.

Weather Forecast Function:


- 1 After Batteries inserted, or holding “WEATHER” button (B6) for 3 seconds, weather icon Flash (LCD-A1). Enter the current weather pressing “ + “ (B7) or “ - “ (B8) buttons. Press “MODE/SET” (B1) button to confirm the setting. The weather forecast may not be accurate if the current weather entered is not correct.
- 1 Totally 5 different weather in the weather forecast.

“  ” means **Sunny** .


“  ” means **Slightly Cloudy**.

“  ” means **Cloudy**.

“  ” means **Rainy**

“  ” means **Cloudburst**.

- 1 If there is any inconsistency of weather forecast between Local Weather Station and this unit, the Local Weather Station's forecast should prevail. We will not held responsible for any trouble that may come up due to wrong forecasting from this unit.
- 1 The trend pointer displayed on the LCD indicates the trend of the Barometric pressure.

“  ” indicates the barometric pressure trend is increasing.

“  ” indicates the barometric pressure trend is steady.



“” indicates the barometric pressure trend is decreasing.

Maximum/Minimum Indoor /Outdoor Temperature and Humidity Recording

Function:

- 1 Press “MAX/MIN” button (B4) to show the maximum recorded Indoor /Outdoor Temperature and Humidity.
“**MAX**” is shown on the LCD
- 1 Press “MAX/MIN” button (B4) again to show the minimum recorded Indoor/Outdoor Temperature and Humidity.
“**MIN**” is shown on the LCD.
- 1 Hold “MAX/MIN” button (B4) for 3 seconds to clear the recorded maximum and minimum reading.

Thermometer:

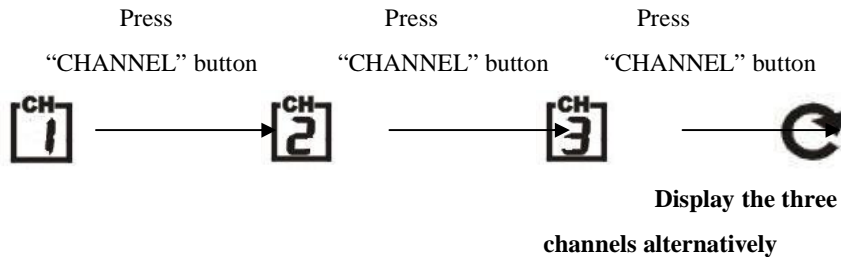
- 1 Press “-(°C / °F)” button (B8) to select Indoor/Outdoor Temperature in Celsius mode/ Fahrenheit mode.

Outdoor Thermo Sensor Unit Registration Procedure:


- 1 The main unit automatically starts receiving transmission from Outdoor Thermo Sensor for outdoor temperature after new batteries are inserted.
- 1 The thermo sensor will automatically transmit temperature to the main unit after batteries inserted. Batteries compartment (D7) of thermo sensor is locating behind the back cover, unscrews to open.
- 1 For having more than one external transmitter (Maximum3), select the Channel, CH1, CH2 or CH3 to ensure each thermo sensor is transmitting difference channel before inserting batteries. The channel select switch (D4) is at the back of the thermo sensor.
- 1 Press “ TX “ button (D5) on the thermo sensor unit to transmit temperature to the main unit manually. The main unit gives a “beep” sound if it received the temperature.


Display outdoor temperature :

- 1 Press “ CHANNEL” button (B2) to view the 3 Channels’ temperature. The sequence is shown as follow:



- 1 Hold “ CHANNEL” button (B2) for 3 seconds to cancel unused channel manually. It will automatically register a new channel again if a new channel is received. If there is no temperature displayed in existing channel (“ - - . -“ is displayed on the LCD), hold “CHANNEL” button (B2) for 3 seconds to cancel that channel and would receive the channel again (“Beep” sound can be heard.). Then, press “ TX “ button (D5) on the thermo sensor unit to transmit signal to the main unit manually
- 1 The trend pointer displayed on the LCD indicates the trend of the outdoor temperature.



“  ” indicates the outdoor temperature is increasing.

“  ” indicates the outdoor temperature is steady.


“  ” indicates the outdoor temperature is decreasing.

- 1 Press “ °C /°F” button (D3), on the Thermo Sensor unit, to select Thermo Sensor displayed in Celsius mode or Fahrenheit mode.
- 1 The Operating temperature range of the Thermo Sensor Unit:
-20°C ~+ 50°C

Temperature Alert function:

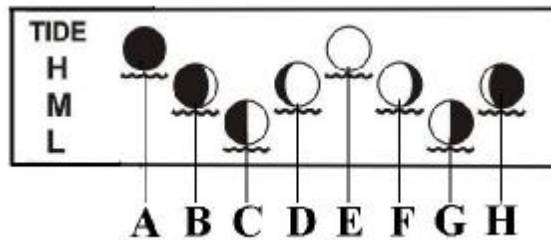
- 1 Hold “ ALERT” button (B5) for 3 seconds to enter Temperature Alert setting, Temperature’s digits flash.
- 1 Press “ +” (B7) or “-” (B8) button to select Indoor or Outdoor CH1, CH2 and CH3 temperature alert. Press “ALERT “button to confirm the setting.
- 1 Press “ +” (B7) or “-” (B8) button to set the upper “  ” and lower “  ” limit of

the temperature. Press “ALERT “ button (B5) to confirm the setting.

- 1 Press “ALERT” button (B5) to set the Temperature Alert function on or off (“” appears on the LCD if this function is on).

Moon Phase and Tide Indication

The Moon Phase of each day is shown on the LCD.




- | | | |
|-------------------|--------------------|-------------------|
| A: New Moon | B: Waxing Crescent | C: First Quarter |
| D: Waxing Gibbous | E: Full Moon | F: Waning Gibbous |
| G: Last Quarter | H: Waning Crescent | |

Tide Status :

- | | | |
|---------------|----------------|-------------|
| H : High Tide | M: Medium Tide | L: Low Tide |
|---------------|----------------|-------------|

Low batteries indicator:

- 1 Low battery icon “” appear at outdoor temperature row in particular channel indicating the external transmitter of the channel in low battery status. The batteries should be replaced.

Note:

- 1 *Use a pin to press the reset button (B11) if the Unit does not work properly.*
- 1 *Avoid placing the clock near interference sources/metal frames such as computer or TV sets.*
- 1 *The clock loses its time information when the battery is removed.*
- 1 *Buttons will not function while scanning for DCF time signal or thermo sensor's signal unless they are well received or stopped manually.*
- 1 *All Setting Mode will automatically exit in 5 seconds without any adjustment.*