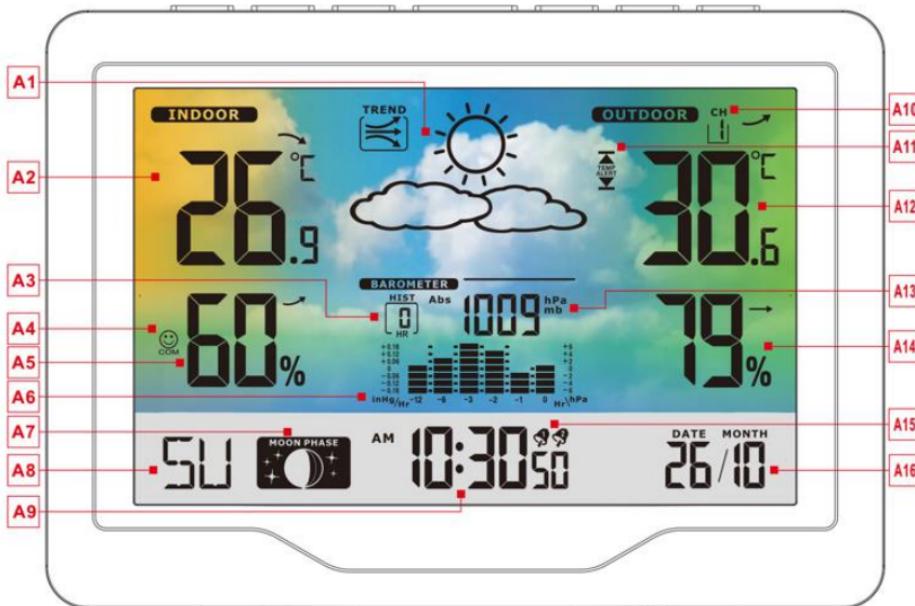


Features:

- ▶ Perpetual Calendar Up to Year 2099
- ▶ Day of week in 5 languages user selectable: English, German, Italian, French, Spanish
- ▶ Time in optional 12/24 hour format
- ▶ Two Daily Alarm Function
- ▶ Automatic snooze function
- ▶ The moon phase display
- ▶ Barometric pressure:
 - Barometric pressure measurement ranges: 850hPa/mb (17.72inHg) to 1050hPa/mb (32.50inHg)
 - Pressure alternatively in hPa/mb or inHg
- ▶ Humidity: Indoor & Outdoor measurable range: 20%RH ~ 95%RH
- ▶ Temperature:
 - Indoor temperature measurement ranges: 0°C (32°F) to 50°C (122°F)
 - Outdoor temperature measurement ranges: -20°C (-4°F) to 65°C (149°F)
 - Temperature alternatively in °C or °F.
 - Outdoor thermometer and frost alert
- ▶ Barometric pressure history for the last 12 hours
- ▶ Wireless Outdoor Sensor:
 - Wall Mount or Table Stand
 - One Wireless Thermo Sensor Included
 - 433.92MHz RF transmitting frequency
 - 60 meters transmission range in an open area
- ▶ The weather forecasting function
- ▶ Power Supply:
 - Weather Station:
 - Battery: 2 x LR6 AA
 - USB power cable input: DC5V
 - Wireless Outdoor Sensor:
 - Battery: 2 x LR6 AA

Weather Station Appearance



Part A-Positive LCD

A1: Weather forecast

A3: Barometric pressure History

A5: Humidity (indoor)

A7: Moon phase

A9: Time display

A11: Temperature alarm

A13: barometric pressure

A15: Alarm 1 & 2 icon

A2: Indoor temperature

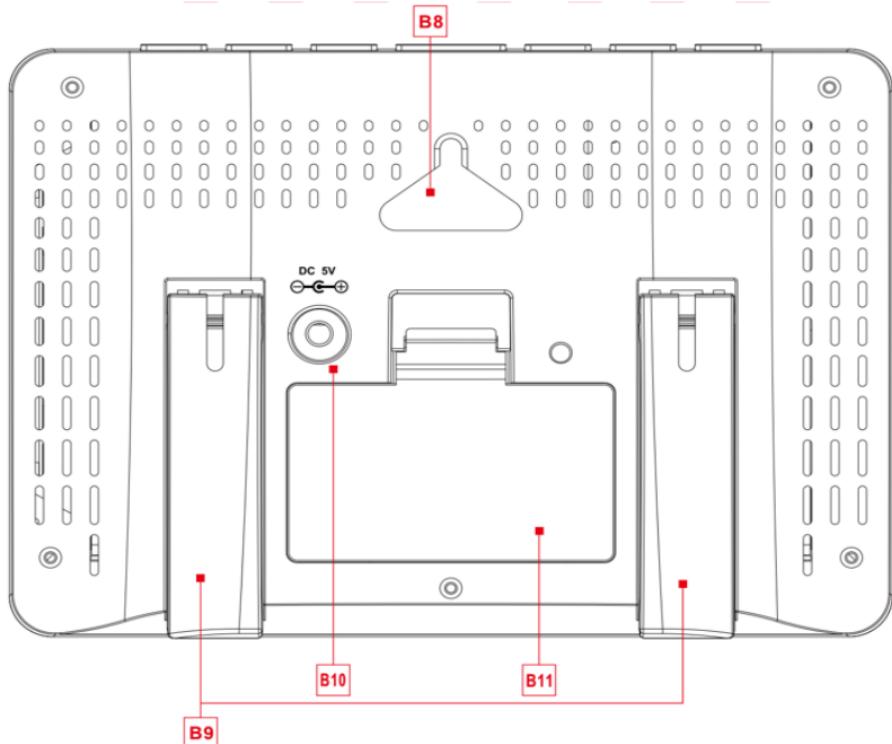
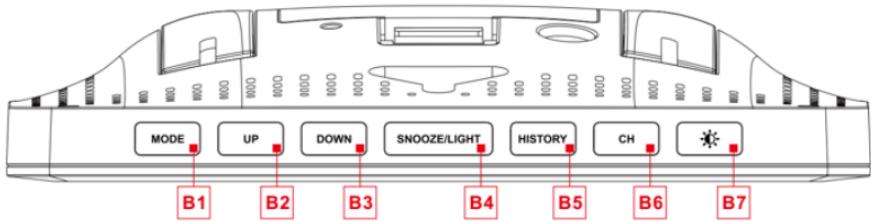
A4: Comfort indicator

A6: Barometric pressure bar display

A8: Day of week display

A10: Selected channel

A12: Outdoor temperature



Part B – Back button and power

B1: "MODE" button

B3: "DOWN" button

B5: "HISTORY" button

B7: "☀" button

B2: "UP" button

B4: "SNOOZE/LIGHT" button

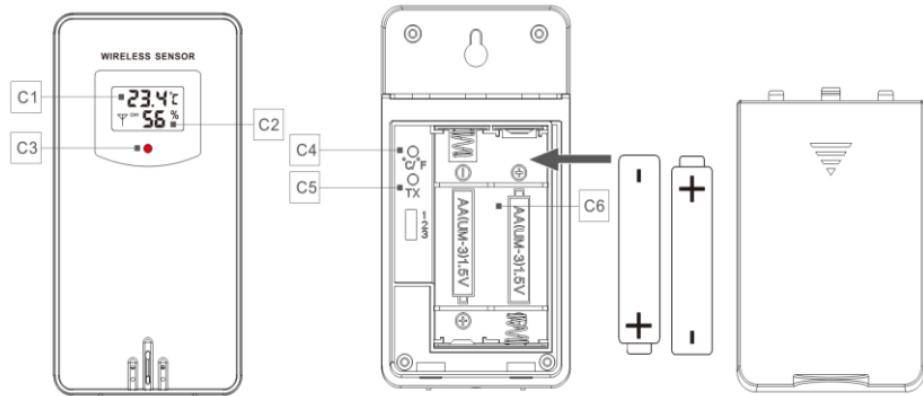
B6: "CH" button

B8: Hanging hole

B9: Support frame

B10: DC-POWER input jack

B11: Battery compartment



Part C –Wireless Outdoor Sensor:

C1: LCD display – Temperature

C2: LCD display – Humidity

C3: Transmit signal LED

C4: “°C/°F” button

C5: “TX” button

C6: Battery compartment

Initial Operation:

- ▶ Open Weather Station battery compartment cover
- ▶ Insert 2 x AA batteries observing polarity [“+” and “-“ marks]
- ▶ When you insert the batteries, all the icon on the LCD display will briefly light up for 3 seconds, and you will hear a beep tone, and detect indoor temperature & humidity. You can now use “” button to select brightness.
- ▶ The Weather Station will now start to make a connection to the outdoor remote sensor. This operation takes about 3 minutes and is displayed by a flashing reception RF antenna symbol in the “OUTDOOR” display area on the receiver.
- ▶ This now, replace Wireless Outdoor Sensor battery compartment cover , Open Weather Station battery compartment cover ,Insert 2 x AA batteries observing polarity [“+” and “-“ marks]

Manual Time Setting:

- ▶ Press “**MODE**” button can switch the display alarm or time.
- ▶ Press and hold down the “**MODE**” button for 3 seconds, the unit of “12Hr” or “24Hr” display starts to flash. Now use the “**UP**” or “**DOWN**” button to select desired hour format.
- ▶ Press “**MODE**” to confirm your setting, the temperature unit “°C” or “°F” display starts to flash. Press the “**UP**” or “**DOWN**” button to choose the desired temperature unit
- ▶ Press “**MODE**” to confirm your setting, the barometric pressure’s unit display starts to flash. Press the “**UP**” or “**DOWN**” button to set the desired unit (hPa/inHg).
- ▶ Press “**MODE**” to confirm your setting, the time zone unit display starts to flash. Press the “**UP**” or “**DOWN**” button to set the desired value (-2 to +2).
- ▶ Press “**MODE**” to confirm your setting, the hour unit display starts to flash. Press the “**UP**” or “**DOWN**” button to set the desired value.
- ▶ Press “**MODE**” button to confirm your setting, the minute unit display starts to flash. Press the “**UP**” or “**DOWN**” button to set the desired value.
- ▶ Press “**MODE**” button to confirm your setting, the Year display starts to flash. Press the “**UP**” or “**DOWN**” buttons to set the correct year.
- ▶ Press “**MODE**” button to confirm your setting, the Month display starts to flash. Press the “**UP**” or “**DOWN**” buttons to set the correct month.
- ▶ Press “**MODE**” button to confirm your setting, the Date display starts to flash. Press

the “UP” or “DOWN” buttons to set the correct date.

▶ Press “**MODE**” button to confirm your setting, the language selection for the Weekday displays starts to flash. Now use “**UP**” or “**DOWN**” buttons to select a language

| language | German | English | Italian | French | Spanish |
|-----------|--------|---------|---------|--------|---------|
| | GE | EN | IT | FR | SP |
| Monday | MO | MO | LU | LU | LU |
| Tuesday | DI | TU | MA | MA | MA |
| Wednesday | MI | WE | ME | ME | MI |
| Thursday | DO | TH | GI | JE | JU |
| Friday | FR | FR | VE | VE | VI |
| Saturday | SA | SA | SA | SA | SA |
| Sunday | SO | SU | DO | DI | DO |

▶ Press “**MODE**” to confirm your setting and to end the setting procedures, enter the clock mode

Setting the Daily Alarms:

▶ Press the “**MODE**” button once to get to Alarm 1 mode, and twice to get to Alarm 2 mode.

▶ Press and hold down “**MODE**” button for 3 seconds until Alarm Time hour display of the Alarm time starts to flash. Use the “**UP**” or “**DOWN**” buttons to set the required hour.

▶ Press “**MODE**” button to confirm your setting, The Minute display of the Alarm time starts to flash. Use the “**UP**” or “**DOWN**” buttons to set the required minute.

▶ Press “**MODE**” button to confirm your setting and back to time display

F.Y.I.:

- ▶ If you want to set Alarm 1, please press the “**MODE**” button once to get to Alarm 1. And if you want to set Alarm 2, please press the “**MODE**” button twice to get to Alarm 2.

Activating / Deactivating the Alarm Function

- ▶ Press the “**MODE**” button once or twice to reach ALARM 1 or ALARM 2 mode.
- ▶ In Alarm 1 mode, press the “**UP**” button. The ALARM 1 symbol appears in the LCD display. The alarm has been activated. And press the “**UP**” button again, The ALARM 1 symbol in the LCD display disappear. The alarm has been deactivated.
- ▶ In Alarm 2 mode, press the “**UP**” button. The ALARM 2 symbol appears in the LCD display. The alarm has been activated. And press the “**UP**” button again, The ALARM 2 symbol in the LCD display disappear. The alarm has been deactivated.

Switching OFF the Alarm Signal

- ▶ When alarm rings, press any button except the “**SNOOZE/LIGHT**” button to stop the alarm signal.

Snooze Function:

- ▶ Press the “**SNOOZE/LIGHT**” button as the alarm signal sounds to get to SNOOZE mode. The alarm signal sounds again after approx. 5 minutes.

Moon Phases:

- ▶ The weather station has a display which automatically displays the current lunar phase

| New moon | Waxing halfmoon | Half-moon | Waxing full moon | Full moon | Waning full moon | Half-moon | Waning half moon |
|--|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |

Comfort Display

- ▶ The COMFORT indicator displays the humidity in three categories.

- ▶ The following categories are available:



DRY Humidity < 40 %



COM Humidity 40–70 %, indoor temperature 20 °C–28°C



WET Humidity > 70 %

Reading the Barometric Pressure for the last 12 hours

- ▶ Press the “**HISTORY**” button repeatedly to read the barometric pressure values for the last 12 hours.

0HR = present barometric pressure

–1HR = barometric pressure an hour earlier

–2HR = barometric pressure two hours earlier.

.....

–12HR = barometric pressure twelve hours earlier

Adjusting the Barometric Pressure

- ▶ Press and hold the “**HISTORY**” button for approx. 3 seconds. And press the “**UP**” or “**DOWN**” button to interchange between the Absolute (**Abs**) or Relative (**Rel**) air pressure.
- ▶ Choose “**Rel**” and press the “**HISTORY**” button to confirm. The air pressure indication flash. Now you can choose the correct value by pressing the “**UP**” or “**DOWN**” button.
- ▶ Confirm your choice by pressing the “**HISTORY**” button. Your weather station now shows the relative air pressure.
- ▶ If you want your weather station to announce the absolute air pressure, proceed as follow:
- ▶ Press and hold the “**HISTORY**” button for approx. 3 seconds. And press the “**UP**” or “**DOWN**” button, to change to the absolute (**Abs**) air pressure. Confirm by pressing the “**HISTORY**” button

Display Temperature and Humidity Trend

- ▶ The current indoor and outdoor temperature/humidity and the temperature/humidity trend are shown in the LCD display.
- ▶ You may see the following displays:
 - ↗ The temperature/humidity is rising.
 - The temperature/humidity is remaining constant.
 - ↘ The temperature/humidity is falling.

RF Outdoor Sensor:

- ▶ The weather station automatically starts receiving transmission from outdoor thermo sensor for outdoor temperature & humidity after batteries inserted. The outdoor sensor will automatically transmit temperature and humidity signal to the Weather Station after batteries inserted.
- ▶ Please press “CH” button to select same channel as your outdoor sensor.
 - 1: Outdoor sensor channel 1
 - 2: Outdoor sensor channel 2
 - 3: Outdoor sensor channel 3
 - : channel 1,2,3 cycle display
- ▶ If Weather Station failed to receive transmission from outdoor sensor (“- -” display on the LCD), press and hold “CH” button for 3 seconds to receive transmission manually. RF icon “” flashes on the LCD , The Weather Station to receive the outdoor sensor.

Maximum/Minimum Temperature and Humidity

- ▶ To toggle indoor/outdoor maximum, minimum temperature and humidity data, press the “UP” button in normal time display mode:
 - Once to show the maximum temperature and humidity values.
 - Twice to show the minimum temperature and humidity values
 - Three times to return to the current temperature and humidity levels
- ▶ To reset the maximum and minimum temperature and humidity, press and hold down the “UP” button about 3 seconds. This will reset all minimum and maximum data recorded to the current displayed values.

F.Y.I.:

- If the temperature reading is below ranges, the **LLL** will be displayed. If the temperature reading is above ranges, the **HH.H** will be displayed.

Temperature Alert and Frost Alarm Setting

- Press “DOWN” button once to enter **TEPM ALERT** mode.
- Press and hold “DOWN” button for 3 seconds, the icon of Upper limit of the Temperature alarm starts to flash. Use the “UP” or “DOWN” buttons to set the required maximum temperature..
- Press “MODE” to confirm your setting the icon of the Lower limit of the Temperature alarm starts to flash. Use the “UP” or “DOWN” buttons to set the required minimum temperature. Press “MODE” button to confirm your setting.

Activating / Deactivating the Temperature Alert and Frost Alarm

- Press “DOWN” button to activate or deactivate the remote temperature alert and Frost Alarm.
 - Press once, temperature alarm is activated and TEMP ALERT icon display
 - Press twice, frost alarm is activated and Snow icon display
 - Press three times, both temperature alarm and frost alarm activated
 - Press four times, both temperature alarm and frost alarm deactivated
- If the frost alarm is activated, the alarm signal sounds at -1°C to $+3^{\circ}\text{C}$
- If the temperature alarm is activated, the alarm signal sounds at the set values

Low battery:

- If the “Indoor” column is display the battery icon “”, you need to replace the weather station's battery as soon as possible,
- If the “Outdoor” column is to display the battery icon “”, you need to replace the wireless sensor battery of your channel as soon as possible based on the channel display.

The Weather Forecast:

- ▶ The weather station calculates a weather forecast for about the next 12 hours based on the barometric pressure trend. Of course this forecast can't compare to that of professional weather services supported by satellites and high performance computers, but merely provides an approximate indication of current developments. Please take the weather forecast from your local weather forecasting service into account as well as the forecast from your weather station. If there are discrepancies between the information from your device and from the local weather forecasting service, please take the advice of the latter as authoritative.
- ▶ The weather station displays the following weather icon:

| sunny | slightly cloudy | cloudy | rainy | rain + snow |
|--|---|---|---|---|
|  |  |  |  |  |

- ▶ The weather station can display the barometric pressure trend on the left of weather icon.
- ▶ You may see the following displays:
 - ↗ The barometric pressure will rise.
 - ➡ The barometric pressure will remain constant.
 - ↘ The barometric pressure will fall.

Background Lighting

- ▶ When using the battery power supply, press the “**SNOOZE /LIGHT**” button. The backlight illuminates for 5 seconds.
- ▶ When using the USB power cable supply, press “” button can choose high brightness / low brightness

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the 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 instructions, 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction