

User's Manual

Dear customer, thank you for purchasing our product. If you want to safely make full use of the features, please carefully read these instructions and follow them. This way, you will avoid incorrect use or damage. Prevent unauthorized use of this device and always respect all rules regarding the handling of electrical devices. Please, keep the manual for future use. The main unit should be as close to a window as possible.

Room Temperature Measurement	0°C to +50°
Room Humidity Measurement	20% to 95%
Outside Temperature Measurement	-20°C to +60°C
Power supply	2x AAA 1.5V alkaline battery
	230-240V/50Hz, 50mA
Temperature Measurement Accuracy	1 °C
Humidity Measurement Accuracy	1%

We recommend using alkaline batteries with a nominal voltage of 1.5 V to achieve the correct luminosity of the LCD display. NiMh accumulators usually have a voltage of 1.2 V causing the LCD luminosity to be inferior.

Main Unit

If the unit is to be **powered by batteries** open the battery compartment cover and insert two alkaline AAA batteries. Mind the indicated polarity. When powering up, for a moment, all of the LCD segments light up and the device makes a beep sound. It then goes into the standard temperature and humidity measurement mode. The sensor is powered by two alkaline AAA batteries.

When the device is **powered by an AC/DC adapter** connect the power connector to the input socket on the weather station and then connect the adapter to a power socket.

To reset the device, remove and reinsert the batteries or disconnect the adapter for at least five seconds. This will delete all settings and memory. When powered by batteries, the display stays lit for eight seconds after each activation. When powered by the adapter, it stays lit continuously.

Default Settings: 24-hour time format showing 00:00 and temperature in °C

1. BUTTON FUNCTIONS

Controls		MODE	ALARM	▼	▲	WAVE	LIGHT/SNZ
Features							
Standard mode	Brief push	Displays alarm clock settings	Turns the alarm clock on/off	Toggle between °C/°F	----	Turns time sync on/off	Lights the display
	HOLD	Access time and date setting mode,	Access alarm clock setting mode	RCC reception mode activation	Sensor signal reception activation	----	----
Setting Time	Brief push	Confirm setting	----	One step forward	One step back	----	----
	HOLD	----	----	Fast forward	Fast backward	----	----
Setting the Alarm Clock	Brief push	----	----	One step forward	One step back	----	----
	HOLD	----	----	Fast forward	Fast backward	----	----

2. MAIN FUNCTIONS

- Weather forecast symbols: sunny, partly cloudy, overcast, rainy
- RCC signal reception mode: DCF
- Calendar span: 2000-2099, displaying date and day of the week
- Time format 12/24 hours
- Temperature in °C or °F
- Room temperature display. Measurement accuracy: +/- 1°C, measurement range -20 °C + 60 °C
- Room humidity display. Measurement accuracy: +/- 1%, measurement range 20% - 95%
- Outside temperature display. Measurement accuracy: +/- 1°C, measurement range -20 °C + 60 °C
- Outside transmitter battery depletion indicator
- Alarm clock, snooze function (1-60 min)
- Highest and lowest temperature measured memory
- Daylight Saving Time (DST)
- Time zone shift setting
- Sensors transmit at a frequency of 433 MHz

3. DEVICE FEATURES AND OPERATION

3.1 Setting Time

In standard mode, hold the **MODE** button for at least 2 seconds – this will take you to the time setting mode. Setting sequence: year → month → day → date format **MM/DD** or **DD/MM** → day of the week language → snooze setting → time mode 24/12Hr → hours → minutes. Setting the values can be exited by pressing the **MODE** button, resulting in the segments stopping to blink. By pressing **▲** or **▼** or you will move one step forward or backward.


3.2 Setting the Alarm Clock

In standard mode, briefly press the **ALARM** button – an alarm symbol is displayed in the time section. In standard mode, hold the **ALARM** button for at least 2 seconds – this will take you to the alarm clock setting mode. Settings sequence: hour → minute → snooze → exit. By pressing **▲** or **▼** you will move one step forward or back, when holding the button, values change progressively faster. To exit the alarm setting mode, using the **ALARM** button move through the menu until the segments being set stop blinking. Unless you press a button within 30 seconds, the device leaves the setting mode and the alarm time is stored. Turning the alarm clock on or off: briefly push the **ALARM** button. Accessing the snooze mode: when the alarm sounds, press any button, after a preset period the alarm will sound again. To exit the snooze mode, press the **ALARM** button, this will turn the alarm off.

3.3 Alarm Function

Pressing the **LIGHT/SNZ** button activates the snooze function, as long as it is active the display will show a blinking **Z²**. Pressing any other button will turn the alarm off. The alarm automatically turns itself off after two minutes. When the alarm is sounding, the RCC signal is not being received. Reception resumes after the alarm is turned off. Using the snooze function, an alarm may be postponed indefinitely. The progression of the alarm sound is as follows: a) 0-10 seconds: one beep per second, b) 10 – 20 seconds two beeps per second, c) after 20 seconds – three beeps per second. If you want to turn off the alarm completely, press the **ALARM** button.

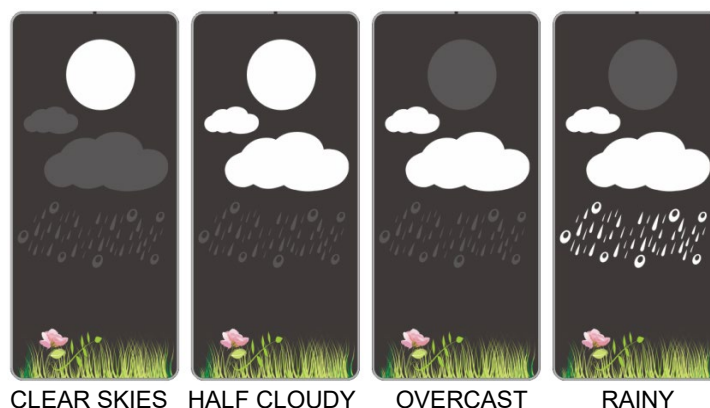
3.4 RCC Control Signal Reception

- RCC signal reception is activated automatically upon powering up or resetting.
- Forced RCC signal reception: press the **WAVE** button.
- Once signal reception is activated, a three-minute synchronization period commences. While synchronization is in progress, it is not possible to access any functions, the weather station is not taking any measurements during this period.
- Daily automatic signal reception.
- The automatic reception takes place daily, at: 1:00, 2:00 and 3:00. If errors occur, signal reception is attempted again at 4:00 and 5:00. If the signal is successfully received at 4:00, for the given day, reception is not repeated. If signal reception at 4:00 is unsuccessful, another attempt is made at 5:00 and regardless of whether it is successful or not, no other attempt is made that day. The control signal reception process lasts 7 minutes.
- In the RCC reception mode an  icon is blinking.
- If the signal is weak or if the device is not able of isolating the correct signal, the tower symbol starts blinking, but the radio wave symbol is not displayed.
- If the control signal has been received successfully, the full RCC reception icon is displayed and the device leaves the reception mode.
 - If you want to exit the reception mode, briefly press the **WAVE** button.
 - Unless a control signal is received within three days, the last reception attempt is made at 1:00 the next day.
 - If, in the RCC signal reception mode, the alarm is set off, the device leaves the reception mode and enters the alarm mode.
 - After reception of the DST signal, the a DST icon is displayed.
 - After a reset, the RCC and DST symbols disappear.

3.5 Weather Forecast Function

The weather station generates weather forecasts for the next 12 hours. The measurement is based on monitoring the development of atmospheric pressure. The forecast information is only of an indicative value. This weather station is not comparable to professional equipment or to satellite and computing technology. To get objective weather forecasts, consult official sources.

Four graphic forecast levels: sunny, half cloudy, overcast, rainy.



The product is CE (Declaration of Conformity) certified, in accordance with current regulations. On request, at the importer: info@solight.cz, or for download at shop.solight.cz.

Producer: Solight Holding, s.r.o., Na Brně 1972, Hradec Králové 500 06, Czech Republic