EN   **WEATHER STATION Solight TE85**

CE ⌧

Operating manual

Dear Valued Customer, thank you for purchasing our product. If you wish it to serve you safely and fully, please read these instructions carefully and follow them. This will help you avoid improper use or damage to the product. Prevent unauthorized use of this device and always follow all rules concerning the handling of electrical appliances. Keep the operating manual for future reference. The main unit should be located as close as possible to the window.

TECHNICAL SPECIFICATIONS

Measuring room temperature	-10°C to +50°C
Measuring outdoor temperature	-20°C to +60°C
Power supply	2x AAA 1.5V alkaline battery
	AC/DC power adapter 5V/1200mA
Accuracy of temperature measurement	0.1°C

To ensure correct LCD light intensity, we recommend the use of alkaline batteries with a nominal voltage of 1.5V. Rechargeable NiMH batteries typically supply 1.2V, and the LCD light intensity is therefore worse.

Main unit

If you run the device **on batteries**, open the battery cover and insert two AA alkaline batteries **(not included in scope of delivery)**. Mind the indicated polarity. When you turn the device on, all LCD segments will be lit for a moment and the device will beep shortly. Then the device will switch to standard temperature measuring mode. If you run the device **using AC/DC adapter**, plug the power supply connector into the inlet socket on the weather station and then connect to power socket. To reset the device, remove the batteries or disconnect the device from power adapter for at least five seconds. This will cause all settings and memory content to be lost. If you run the device on batteries, the display is lit for 15 seconds after each activation. If you run the device using power adapter, the display may be lit uninterruptedly (depending on settings). You can pair the main unit with one sensor. The sensor is powered by two AA batteries (not included in the scope of delivery).

Default settings: 24-hour format, time indication shows 00:00, alarm clock shows 06:00 and temperature is set to °C.

1.   BUTTON FUNCTIONS

function \ control		◄	►	▼	▲	AL.SET	T.SET	AUTO COLOR	HI/LO BACKLIGHT	ON/OFF ALARM	SNOOZE/ LIGHT
Standard mode	Short push	Gradually adjust backlight color	Gradually adjust backlight color	°C/°F switching	-----	-----	-----	Turn sequential colour switching on/off	Switching backlight intensity	Switch alarm clock on/off	Display backlight / alarm snooze
	HOLD	Gradual change of backlight colour	Gradual change of backlight colour	Pairing with remote sensor	Call up RCC signal reception/cancel RCC signal reception	Enter alarm setting mode	Enter time, time format, date and snooze setting mode	-----	-----	-----	-----
Time setting	Short push	-----	-----	One step backward	One step forward	-----	Confirm settings	-----	-----	-----	-----
	HOLD	-----	-----	Fast rewind	Fast forward	-----	-----	-----	-----	-----	-----
Alarm clock setting	Short push	-----	-----	One step backward	One step forward	Confirm settings	-----	-----	-----	-----	-----
	HOLD	-----	-----	Fast rewind	Fast forward	-----	-----	-----	-----	-----	-----

2.   MAIN FUNCTIONS

- RCC signal reception mode
- 12/24 hrs time format
- Temperature in °C or °F
- 3-digit display for room temperature Measuring accuracy: +/- 0,1°C, measuring range -10°C + 50°C
- 3-digit display for outdoor temperature Measuring accuracy: +/- 0,1°C, measuring range -20°C + 60°C
- The device will stop measuring the temperature when the alarm is activated or in RCC signal reception mode (clock radio signal).
- The weather station may receive temperature data from one remote sensor
- Alarm clock
- USB output 5V, 1 A for power supply
- The device operates at a frequency of 433.92 MHz
- Low battery indication of the main unit and the outdoor sensor

3.   DEVICE FUNCTIONS AND FEATURES

3.1   Time setting

Press "**T.SET**" button in standard mode for more than 2 seconds to enter the setup mode. The active segment will start to blink.

Adjustment sequence: Year → month → day → date format (DD/MM, MM/DD) → day names language → time zone → time format → hours → minutes. To leave the adjusting mode, press "**T.SET**" button until the adjusting segments stop flashing. Press "▲" or "▼" button to move one step forward or backward; press these buttons longer to move forward or backward faster.

3.2   Alarm clock setting

If you press "**AL.SET**" button long, the alarm time is displayed and you will enter the alarm time setting mode: hours → minutes. To leave the adjusting mode, press "**AL.SET**" button until the adjusting segments stop flashing. If no button is pressed for 30 seconds, the device will leave the adjusting mode and save the currently set values. To turn the alarm on or off use "**ALARM on/off**" switch on the side of the device.

3.3 Alarm sequence

Turning the alarm on or off is done using the "**ALARM on/off**" switch. The bell symbol will start flashing on the display when the alarm is triggered. If you press the "**SNOOZE / LIGHT**" button during the alarm sound, the alarm will be delayed for five minutes and the **Z^z** symbol will appear on the display . To switch the alarm signal off press any other key. You can put off the alarm as many times as you wish. When the alarm rings, no RCC signal is received; its reception will be resumed once the alarm is turned off. The alarm signal will automatically turn off after two minutes. The volume level will increase four times during the alarm.

3.4 Sensor pairing function

Insert batteries into the sensor and close the cover. When switching the weather station on for the first time, the sensor will be paired automatically. Pairing will take about three minutes. If the pairing fails, the weather station is probably out of the sensor signal range. Sensor pairing is activated by pressing the "▼" button.

3.5 Receiving RCC control signal

- Receiving the RCC signal will start automatically after starting or resetting.
- Forced RCC signal reception: hold the "▲" button.
- When the signal reception is turned on, a three-minute long synchronization will start. During synchronization, you cannot enter any functions; the weather station is not performing any measurements now, the USB power outlet is also deactivated the USB power outlet is also deactivated.
- Automatic signal reception every day.
- Automatic reception will take place at the following daily times: 1:00, 2:00 and 3:00. In case of a failure, the signal reception attempt will be repeated at 4:00 and 5:00. If the signal is successfully received at 4:00, no further reception will take place for the given day. If the signal reception at 4:00 fails, it will be repeated at 5:00 and, regardless of whether successful or not, it will not be repeated for the given day. The control signal reception process lasts 7 minutes.
- The ▲ icon will flash in the RCC signal reception mode.
- If the signal is weak or if the device is unable to recognize correct signal, the tower symbol will flash but no radio wave symbol will appear.
- If the control signal has been successfully received, the full RCC reception icon will illuminate and the device will exit the signal reception mode.
  - To exit the reception mode, briefly press the "▲" button.
  - If alarm is activated in the RCC signal reception mode, the device will exit the reception mode and enter the alarm mode.
  - After receiving the DST signal, a DST icon will be displayed.
  - After resetting, the ▲ and DST symbols will disappear.

3.6 Display light

If the weather station is running on batteries, pressing the **SNOOZE/LIGHT** button will illuminate the display for 15 seconds. If the display backlight is weak, replace the batteries. When running on power adapter, the display may be lit constantly (depending on the backlight intensity setting).

3.7 Display backlight colour setting

When running the device on power adapter, push the "◄" or "►" shortly or longer; use this procedure to set various backlight colours (over 70 colours). Use the **BACKLIGHT** switch to set low or high backlight intensity (LO/HI). If you press the "**AUTO COLOR**" button, the display backlight colours will change sequentially. If you press the "**AUTO COLOR**" button again, the display will remain lit with the current colour. It is not possible to change colour when running the device on batteries.