SENCOR®

SWS 240

User‘s manual

Návod k obsluze

Návod na obsluhu

Használati útmutató

Instrukcja obsługi

EN CZ SK HU PL

WEATHER STATION - RADIO-CONTROLLED CLOCK WITH ALARM, WEATHER FORECAST WITH INDOOR/OUTDOOR TEMPERATURE MEASUREMENT

METEOROLOGICKÁ STANICE - RÁDIEM ŘÍZENÉ HODINY S BUDÍKEM, S PŘEDPOVĚDÍ POČASÍ A S MĚŘENÍM VNITŘNÍ/VENKOVNÍ TEPLOTY V INTERIÉRU / EXTERIÉRU

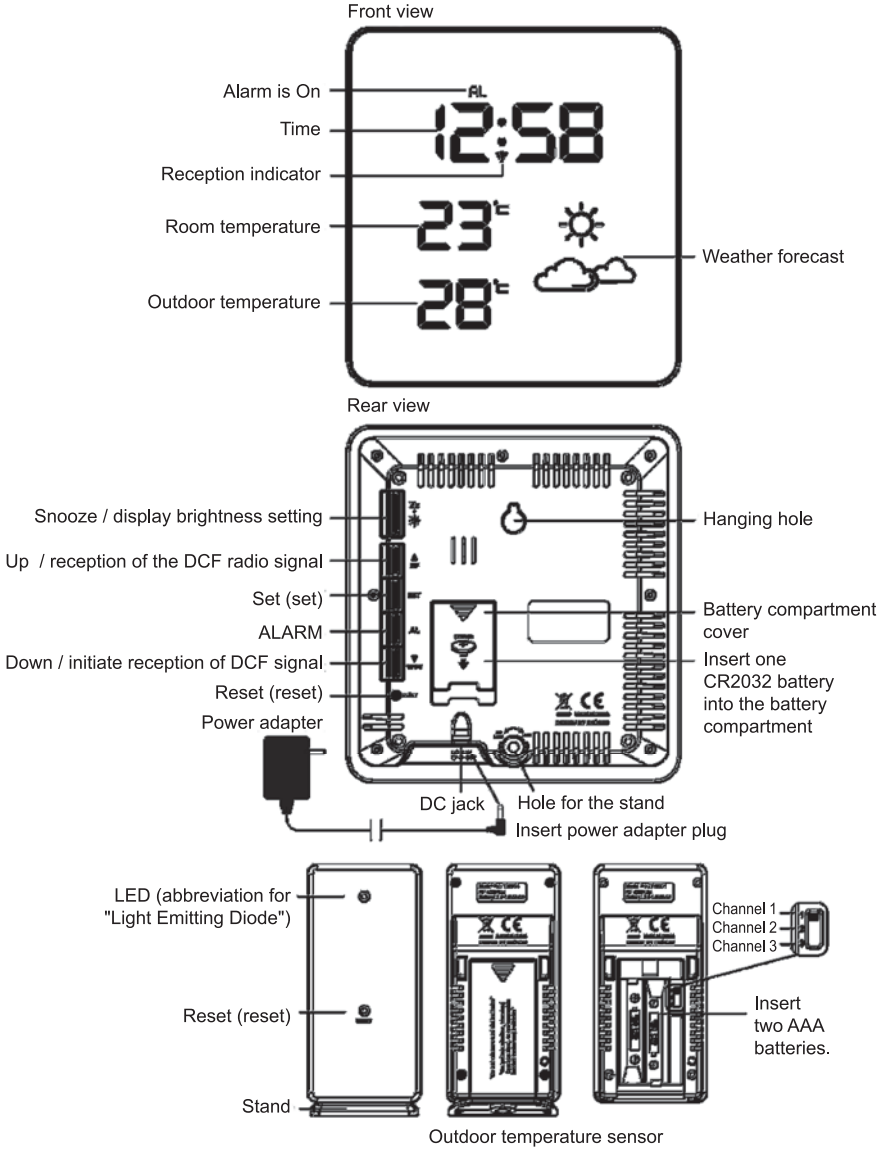
METEOROLOGICKÁ STANICA – RÁDIOM RIADENÉ HODINY S BUDÍKOM, S PREDPOVEĎOU POČASIA A S MERANÍM VNÚTORNEJ/VONKAJŠEJ TEPLOTY V INTERIÉRI/EXTERIÉRI

METEOROLÓGIAI ÁLLOMÁS - RÁDIOVEZÉRELT ÓRA ÉBRESZTŐVEL, IDŐJÁRÁS ELŐREJELZÉSSEL ÉS BENTI / KINTI HŐFOKMÉRÉSSEL

STACJA METEOROLOGICZNA - ZEGAR STEROWANY RADIEM Z BUDZIKIEM, Z PROGNOZĄ POGODY I POMIAREM TEMPERATURY WEWNĘTRZNEJ/ZEWNĘTRZNEJ W POMIESZCZENIACH / NA ZEWNĄTRZ

Thank you for your decision to purchase this device. Please, read the entire user's manual before first using the device - it contains important information about the optimal and safe use of all of its functions and features. Keep the user's manual in case of future need.

DESCRIPTION OF THE DEVICE



The device consists of the main unit with a radio-controlled clock and one outdoor temperature measuring unit equipped with a temperature sensor. The measured temperature is wirelessly transmitted to the main unit and displayed on its display. It is possible connect only one temperature measuring unit.
The main unit is powered by a power adapter, clock and alarm settings are backed up using a lithium battery, the external temperature sensor is powered by two AAA batteries.

EFFECT OF THE ENVIRONMENT ON SIGNAL RECEPTION OF THE TIME STANDARD - DCF 77

The clock is controlled by the received signals of the time standard. These signals are affected (but not limited) by the following factors:

- distance between the transmitter and the receiver;
- vicinity of valleys or mountains;
- vicinity of power poles and high voltage power lines;
- vicinity of a highway, railway, airport, etc.;
- vicinity of a large construction site, reinforced concrete buildings, etc.
- vicinity of electrical appliances, particularly televisions, microwave ovens, high performance loudspeakers, etc. devices;
- vicinity of moving motor vehicles
- vicinity of metal structures and a range of other object, factors and circumstances not indicated in this short overview.

Locate the main unit in a location where a strong signal of the time standard can be expected (e.g. near a window) as far away as possible from large metal buildings, structures and electrical devices, which are or under certain conditions may be the source of interference for the reception of the time standard signal.

FOR THOSE IN A HURRY...

1. Slide the cover on the rear side of the device's case to open the battery compartment cover and place a CR2032 lithium battery into the battery compartment ensuring that the side of the battery designated with the + (plus) symbol faces downwards. Then slide the cover to perfectly close the battery compartment.
2. Insert the power adapter into a power socket, connect the power adapter cable plug into the DC jack on the rear side of the device. Attach the stand to the bottom side of the device.
3. Open the battery compartment cover on the rear side of the outdoor temperature sensor and prior to inserting batteries check that the switch in the battery compartment is in position **1** (top position). Then insert two AAA batteries (must be purchased separately) into the battery compartment. When inserting the batteries into the sensor pay attention to their correct polarity - it is marked inside the battery compartment.
   Immediately thereafter data will be transmitted from the temperature sensor to the main unit.
   For the purpose of performing the tasks described in this step, it is appropriate for the main unit and the external temperature sensor to be located near to each other – e.g. on a table.
4. Remove the protective film from the front part of the unit – the device is then ready for use.
5. After the main unit receives all the data (information about the temperature in the installation location of the external temperature sensor) the main unit will start searching for the time standard signal (transmitted by the DCF transmitter located in Germany).

Reception of the signal from the DCF transmitter is indicated on the display of the main unit by the appropriate icons:

The time standard signal is being received	The icon is flashing
After successful reception	The icon is permanently lit
Unsuccessful reception	The icon is not displayed

Additional information

Pressing the ▼/ WAVE button on the device in the operating mode will display information about the reception mode and the signal strength from the DCF transmitter on the display of the main unit. The signal strength of the DCF transmitter is indicated on the display by one (weak) to three bars (strongest) – during standard use of the device there are two to three bars (signal strength fluctuates) shown on the display.

Automatic and manual reception of the time standard

- The device activates the automatic reception of the time standard daily at the following times: 1:00 / 2:00 / 3:00. If the signal of the standard is not received at 3:00, the signal reception will be activated at the next full hour (4:00 / 5:00, etc.) – three automatic measurements are performed by the device every 24 hours.
- To start manual reception of the standard press the ▼/ WAVE button. Press the button again to end the reception of the standard.
- During the time when the time standard signal is being received by the device, other buttons on the main unit are disabled and the display brightness is dimmed – the display brightness will increase after standard signal reception is complete.
- The value of the measured outdoor temperature will stabilise after approx. 30 minutes of operation of the external temperature sensor.

Effective range of the external temperature sensor

The maximum effective range of the outdoor temperature sensor is up to approx. 30 metres and is affected by obstacles found in the area between the sensor and the main unit, in particular walls, ceilings, doors, windows, etc.

SETTING THE CLOCK

The clock on the device uses the 24-hour time mode.

1. Press and hold down the SET button and wait for the hour value to start flashing on the display of the main unit. Then use the ▲/▼ buttons to set the hour, confirm with the SET button – the minute value will start flashing on the display.
2. Use the ▲/▼ buttons to set the minutes, confirm with the SET button – the following value will start flashing on the screen: **05**. This will set the snooze interval of the alarm activated by the SNOOZE button to 5 minutes.
3. Press the SET button again – the snooze interval of the alarm will be set to **00** minutes (will be deactivated).
4. Then use the ▲/▼ buttons to specify the time zone and insert the deviation of the local time from the coordinated universal time UTC (erroneously designated by the abbreviation GMT):
   00 for a local time equivalent to world time + 1 hour (e.g. Germany)
   01 for a local time equivalent to world time + 2 hour (e.g. France)
   -01 for the local time in Great Britain.
5. Confirm with the SET button.

PROGRAMMING THE ALARM

1. Press and hold the AL button – the alarm time value will start flashing on the display and the AL value will be lit.
2. Use the arrow buttons to program the hour of the time when the alarm will be set off, confirm with the AL button. The minutes of the time when the alarm will be set off will start flashing on the display.
3. Use the arrow buttons to program the minutes of the time when the alarm will be set off, confirm with the AL button. The device will then switch to normal operating mode – the display will show the clock and the AL icon.

Additional information

- To turn off the alarm program, press the AL button – the AL icon will turn off.
- Press the button again to turn on the alarm – the AL icon will be lit on the display.
- To pause the alarm, press the SNOOZE button – AL will start flashing on the display. The alarm will continue sounding after 5 minutes.
- End the activated alarm by pressing any key except for the SNOOZE button – the alarm will repeat after 24 hours.
- Change the alarm program by programming a new alarm.

WEATHER FORECAST

The device is equipped with a weather forecast function by which the main weather indicators are graphically shown on the display; they are valid for a limited time for the installation location of the device.

Weather forecast icon:	Type of forecast weather
	Sunny
	Cloudy
	Overcast
	Rainy

SETTING THE DISPLAY BRIGHTNESS

To set the desired brightness of the display, repeatedly press the DIMMER button.

TROUBLESHOOTING

If unintelligible information appears on the display of the main unit (most often due to the effects of static electricity), press the RESET button on the rear side of the main unit. The set values for date, time and the alarm program will thereby be restored to factory defaults and the device will search for the signal from the time standard transmitter.

INSTRUCTIONS FOR HANDLING THE DEVICE

The device is a precision product taking advantage of the latest knowledge in the field and requires corresponding handling.

- Protect the device against impacts and being dropped.
- Do not use force when handling the device.
- Protect the device against extreme temperatures, direct sunlight, dust and/or humidity – do not expose the device to the effects of corrosive substances.
- Do not disassemble the device; do not perform any repairs on the device.

TECHNICAL SPECIFICATIONS

Operating temperature	0 – +45 °C
Temperature measurement range	
- indoor temperature	0 – 50 °C
- outdoor	-25°C - + 70°C, accuracy+/-1°C
Temperature increments	1 °C
Duration of the alarm	2 minutes
Snooze Duration	5 to 60 minutes
Radio frequency	433 MHz
Transmission range	up to 30 m in open space without electromagnetic interference

Changes to the design and technical information are reserved without prior announcement.

Fast ČR, a.s. declares that the SWS 240 W, OR conforms to the basic requirements and other relevant provisions of the directive 1999/5/ES. The device can be operated in the EU without restriction. The declaration of conformity is a part of the user's manual or can be found at the website www.sencor.eu.

INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of packaging material at a public waste disposal site.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES

The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

For business entities in the European Union
If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

Disposal in other countries outside the European Union
If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.

SENCOR®

EN Warranty conditions

Warranty card is not a part of the device packaging.

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

This warranty is void especially if apply as follows:

- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, and flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be indentified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

Authorized service centers

Visit www.sencor.eu for detailed information about authorized service centers.