

SENCOR®
SENCOR SWS
2300 Weather
Station with
Wireless
Sensor



SENCOR SWS 2300 Weather Station with Wireless Sensor User Manual

[Home](#) » [SENCOR](#) » SENCOR SWS 2300 Weather Station with Wireless Sensor User Manual 

Contents

- [1 SENCOR SWS 2300 Weather Station with Wireless Sensor](#)
- [2 Product Usage Instructions](#)
- [3 FEATURES](#)
- [4 OVERVIEW](#)
- [5 SENSOR](#)
- [6 BUTTON FUNCTION](#)
- [7 TIME SETTING](#)
- [8 TECHNICAL SPECIFICATIONS](#)
- [9 INSTRUCTIONS AND INFORMATION ON THE DISPOSAL OF DISCARDED PACKAGING MATERIALS](#)
- [10 Warranty conditions](#)
- [11 FAQ](#)
- [12 Documents / Resources](#)
 - [12.1 References](#)
- [13 Related Posts](#)

SENCOR®

SENCOR SWS 2300 Weather Station with Wireless Sensor



Specifications:

- Model: SWS 2300
- Display: LCD
- Indoor Temperature Range: -10°C to 50°C
- Outdoor Temperature Range: -20°C to 60°C
- Indoor Humidity Range: 20% to 95%
- Outdoor Humidity Range: 20% to 95%
- Power Source: Main unit – AC adapter or batteries; Sensor – Batteries

Product Usage Instructions

FEATURES

- 5 buttons: SET, +/-CH, -/°C/°F, MIN/MAX, ALARM; 1 top button: SNOOZE
- 12/24 hours switchable
- Calendar display
- Alarm with snooze (snooze duration adjustable 5-60 minutes)
- Indoor/outdoor temperature and humidity display (switchable between °C/°F)
- Indoor & Outdoor record of maximum and minimum temperature and humidity(records can be cleared manually)
- Support up to 3 sensors(1 included)
- Temperature/humidity trend display
- Weather forecast and freezing point alarm
- Low battery indication
- Key tone on/off
- Indoor temperature range: -10°C~50.0°C
- Outdoor temperature range: -40°C~60°C
- Indoor humidity: Range: 1%~99%

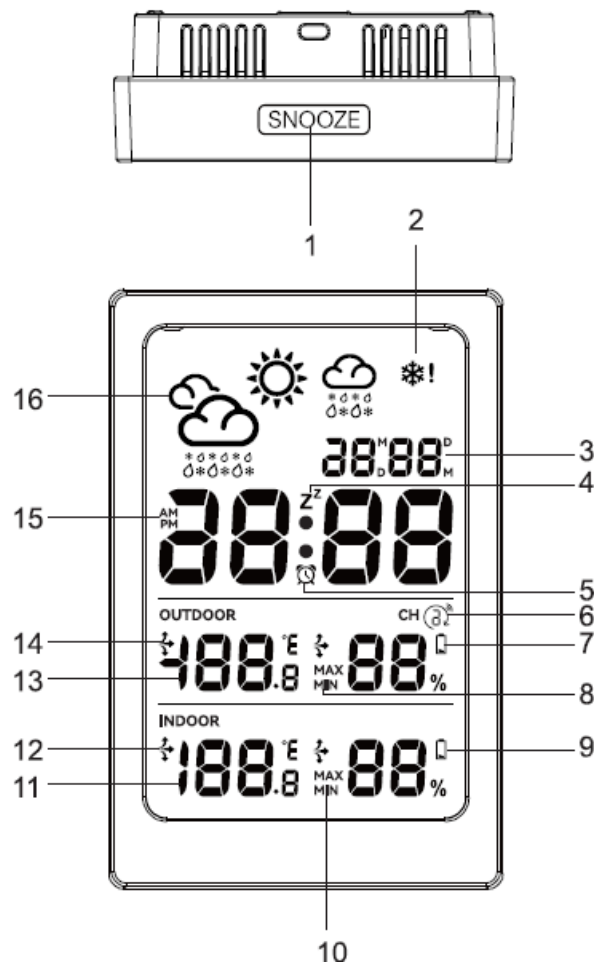
- Outdoor humidity: Range: 1%~99%
- Powered by: 2*AAA batteries

POWER ON OR RESET

After powering on, the LCD will be fully displayed for 3 seconds, and it will switch to the standard display mode, display the date and time, detect the indoor temperature and humidity, and then proceed.

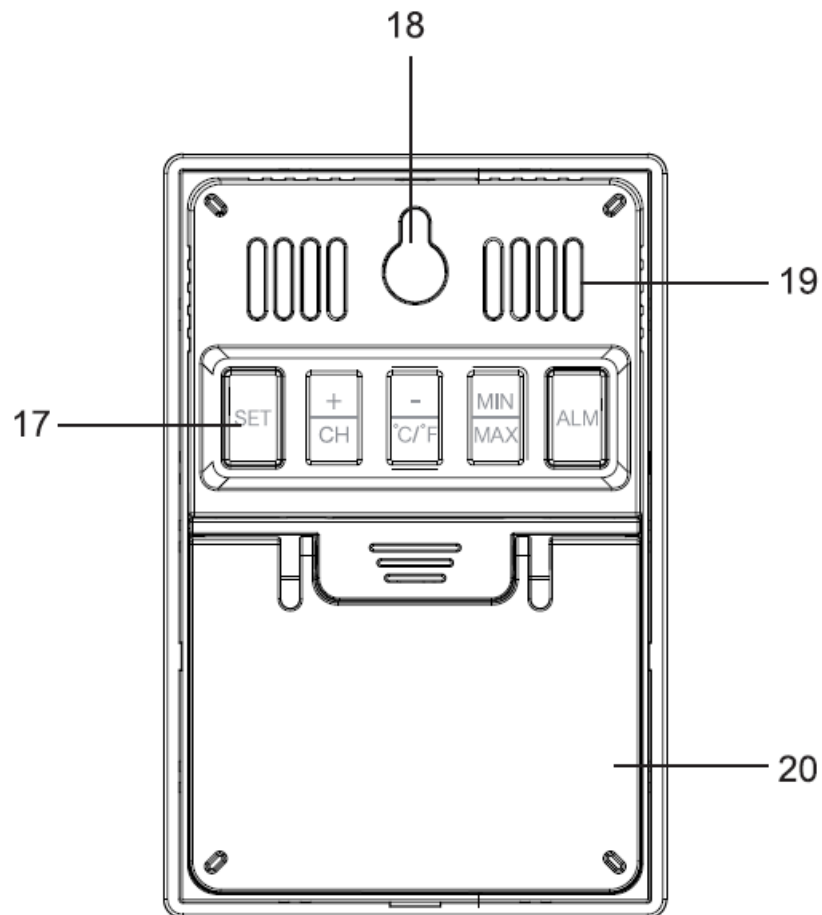
OVERVIEW

Main Unit



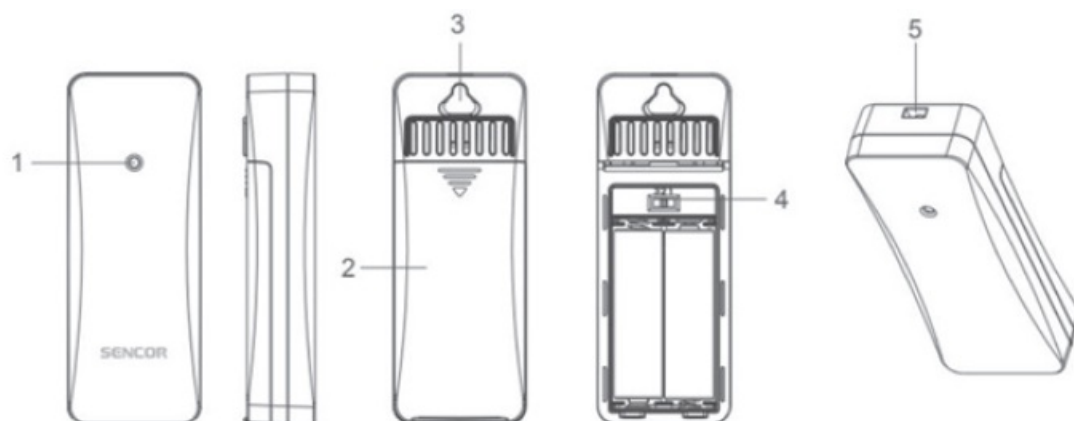
1. Touch button: Snooze
2. Freezing Alert
3. Date/Month
4. Snooze
5. Alarm
6. Outdoor channel and cycle display for 3 channels
7. Low battery indicator(Sensor)
8. Max/min record for temperature and humidity for outdoor channel
9. Low battery indicator(Main unit)
10. Max/min record for temperature and humidity for main unit
11. Indoor temperature and humidity
12. Trend for indoor temperature and humidity
13. Outdoor temperature and humidity

- 14. Trend for outdoor channel
- 15. 12hour format AM/PM
- 16. Weather Forecast



- 17. Buttons: SET, +/CH, -/°C/°F, MIN/MAX, ALARM
- 18. Hanging Hole
- 19. Ventilation Hole
- 20. Battery compartment cover and stand

SENSOR



- 1. LED light
- 2. Battery Compartment
- 3. Hanging Hole
- 4. Channel shift

5. Rope hanging hole

BUTTON FUNCTION

SET

- In standard mode, press and hold the SET button for 3 seconds to enter the time setting.

+ / CH

- In standard mode, single press the + / CH key to switch the channel CH
- In standard mode,, long press the + / CH key to clear all channel ID and re-receiving mode.
- During setting, single press the + / CH key to increase, long press to increase quickly

- / °C / °F

- In standard mode,, single press the - / °C / °F key to switch the temperature unit °C / °F
- During setting, single press the - / °C / °F key to decrease, long press to decrease quickly

MAX / MIN

- In standard mode, press the MAX / MIN button to view the maximum / minimum temperature and humidity values within 24 hours.
- When the maximum and minimum values are displayed, press and hold the MAX / MIN button for 3 seconds to clear the maximum and minimum temperature and humidity values.

ALARM

- In standard mode, single press the ALM button to view the alarm time, and press again to turn on / off the alarm.
- In standard mode, press and hold the ALM button for 3 seconds to enter the alarm setting
- In alarm setting mode, press + / CH and - / °C / °F key to set the clock time.
(tips: if there is no operation for 5 seconds, it will return to normal time display mode.)

SNOOZE

- When the alarm is sounding, press the SNOOZE button to enter snooze or press any other key to stop the alarm.
- In the setting state, press the SNOOZE button to save and exit the setting.

TIME SETTING

- In standard mode, press and hold the SET button for 3 seconds to enter the time setting.
- The setting items will flash. Short press the SET key to select the setting items.

Setting sequence:

Key tone ON/OFF — Year — DM/MD — Month — Day — 12/24HR — Hour — Minute — Exit.



- When the setting item flashes, short press the +/CH or-/OC/OF button to increase or decrease the value, and long press the button to quickly increase or decrease the value.
- If there is no operation within 20 seconds, the setting interface will automatically exit.

ALARM CLOCK AND SNOOZE TIME SETTINGS

- In time display mode, press the ALM button to view the alarm time.
- In alarm clock display mode, press the ALARM button to turn on/off the alarm clock.
- In normal display mode, press and hold the ALARM key for 3 seconds to enter the alarm time and snooze time setting. The setting sequence is: Hours–Minutes–Snooze Time–Exit.
- When the setting item flashes, short press the +/CH or-/OC/OF button to increase or decrease the value, and long press the button to quickly increase or decrease the value.
- If there is no operation within 20 seconds, the setting interface will automatically exit.

ALARM FUNCTION

- Alarm time is 2 minutes, snooze time default is 5 minutes

Alarm format:

- 0- 10 seconds: BI once per second
 - 10-20 seconds: BI BI twice per second
 - 21-30 seconds: BI BI BI BI fourth per second
 - 31-120 seconds: continuous BI BI sounds
- When the alarm is ringing, press the “SNOOZE” button to enter snooze, press any other button to stop the alarm.

INDOOR TEMPERATURE AND HUMIDITY FUNCTION

- Temperature range:-10°C~ 50°C. Below -10°C: LL.L; above 50°C: HH.H.
- Humidity detection range: 1%RH~99%RH, if it exceeds the low value, it will display 1%RH, if it exceeds the high value, it will display 99%RH
- Frequency of detection: 30 seconds.
- Detection error: ±1°C; ±5%RH


OUTDOOR TEMPERATURE AND HUMIDITY FUNCTION

- Temperature detection range: -40.0 °C~60.0°C, Below -40.0 °C: LLL; above 60.0°C: HH.H.
- Humidity detection range: 1%RH~99%RH, if it exceeds the low value, it will display 1%RH, if it exceeds the high value, it will display 99%RH

TEMPERATURE AND HUMIDITY MAX/MIN VALUE AND TREND FUNCTION

In the mode of checking the value of MAX or MIN, press and hold the [MIN/MAX] button for more than 2 seconds to clear the maximum and minimum values of MAX, When clearing, the MAX value or MIN value is displayed as – and after 1 second, it will converted to current value.

Trends Icon will not display at the moment of powering on.

The trend  will display, when the temperature increase 1°C compared to last data, or increase 1 °C in 1 hour;


The trend  will display, when the humidity value increase 5% compared to last data, or increase 5% in 1 hour

Vice the verse for decrease trends.

When the increase/decrease is less then 1°C or 5% in 1 hour, → icon will display.

Frost Alert






- When the OUTDOOR temperature is within the range of -1.0~+2.9°C & +30.2°F~ +37.2°F, the frost alarm

symbol  will flash continuously. Only when the temperature detection value is not within the temperature range of frost point alarm, the symbol will not display. When the outdoor temperature of the current RF channel

is in the range of -1.0~+2.9°C & +30.2°F~+37.2°F, the symbol of frost and snow  flashes.

Remarks: The frost alarm does not need to be turned on, it will display as long as the corresponding channel temperature is reached, and the temperature of other channels is reached, it needs to be switched to this channel to display.

WEATHER FORECAST FUNCTION

WEATHER ICON					
Description	Sunny	Partly Cloudy	Cloudy	Rainy	Snowy

Weather forecast in 12+ Hour: Sunny, Partly Cloudy, Cloudy, Rainy, Snowy The weather icon displays are based on the hourly calculation of indoor/outdoor temperature & humidity. The forecast station predict weather conditions for the next 12 hours with 70-75% accuracy. The remote sensor should be put on the outside to have accurate outdoor data. Or it will effect the accurate of weather forecast. The default display weather is partly cloudy, the main unit will calibrate the weather report in 1-2 weeks with the temperature and humidity data changes. The remote sensor should be place outside to get accurate outdoor data or it will effect the accurate of weather forecast.

RF RECEPTION INSTRUCTIONS

- After powering on and detecting temperature and humidity, it will automatically enter RF reception for 3 minutes and exit immediately upon reception.
- During the receiving process, only the RF receiving mark flashes, and the data does not flash. If no data is

received or the code is lost for 1 hour, “—” will be displayed.

- Short press the +/-CH key to switch to view the outdoor temperature and humidity of 3 different channels. The switching display sequence is: CH1–CH2–CH3–Auto cycle (switch once every 10 seconds).
- In standard mode, press and hold the +/-CH button for 3 seconds to forcefully clear the data of all outdoor channels and re-receive.
- When the receiver receive and pairs for 3 minutes, CH1 is displayed by default.

Even if the CH2 or CH3 channel receives the signal first, it will not jump automatically to the received channel. When it is in the auto cycle mode, unregistered channels will not be displayed and will jump directly to the registered channels.

INDOOR AND OUTDOOR LOW BATTERY INDICATION FUNCTION

- When the battery of the machine is low, the LCD will display the low battery icon.
- Outdoor transmitter current channel low power indicator

TECHNICAL SPECIFICATIONS

- Weather Forecast Icon (Sunny, Partly Cloudy, Cloudy, Rainy, Thunderstorm, Snowy)
- Digital Time, Date
- Alarm with snooze (snooze duration adjustable 5-60 minutes)
- Indoor/outdoor temperature and humidity display
- Temperature/humidity trend display
- Frost Alert for outdoor channel
- Max/Min memory records (24h)
- Alarm with snooze settable (5-60mins)
- Key tone on/off
- Indoor temperature range: -10°C~50.0°C
- Outdoor temperature range: -40°C~60°C
- Indoor humidity: Range: 1%~99%
- Outdoor humidity: Range: 1%~99%
- 12/24 hours switchable
- Temperature display with °C/°F selectable
- Low battery indicators (for main unit and outdoor sensor)
- Desktop or wall mountable
- Support up to 3 sensors
- Function Auto scrolling measured data of all 3 outdoor sensors
- 1 Sensor included (SWS TH 2300-3200-4440)
- Transmission between main unit and sensor up to 80m (in open area)
- Sensor Transmission Frequency: 433.92MHZ
- Power of Station: 2 × 1.5V Type AAA (Batteries not included)
- Power of sensor: 2× 1.5V Type AA (Batteries not included)
- Dimensions of main unit: (w/h/d) 65 × 100 × 24mm
- Weight of Main Unit: 99 g

INSTRUCTIONS AND INFORMATION ON THE DISPOSAL OF DISCARDED PACKAGING MATERIALS

Take the packaging material to a collection yard for disposal.

DISPOSAL OF DISCARDED ELECTRICAL AND ELECTRONIC EQUIPMENT



■ This symbol on the product, accessory or packaging indicates that the product must not be treated as normal household waste. Please dispose of this product in a collection yard designated for the recycling of electrical and electronic equipment. In some EU countries or in some European countries, you can return your products to your local retailer when you buy an equivalent new product. Correct disposal of this product helps save valuable natural resources and prevents possible adverse impacts on the environment and human health that might be caused by improper waste disposal. Please contact your local authority or the nearest waste collection yard for further details. Improper disposal of this type of waste may be subject to a legal fine.

For companies in the European Union

If you need to dispose of electrical or electronic equipment, ask your dealer or supplier for the necessary information.

Disposal in countries outside the European Union

To dispose of this product, please ask your local authorities or dealer for the necessary information on correct disposal.



This product complies with EU requirements.

FAST CR, a.s. hereby declares that the radio device type SWS 2300 conforms to the 2014/53/EU directive. The full text of the EU Declaration of Conformity is available at: www.sencor.eu.

Manufacturer: FAST CR, a.s., U Sanitasu 1621, Ricany 251 01, Czech Republic
info@sencor.com

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 identified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

Manufacturer:

FAST ČR, a.s., U Sanitasu 1621, Říčany 251 01, Czech Republic

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

The original version of the instructions is in the Czech language, other language versions are made by the appropriate translation.

FAQ


• **Q: How do I clear the maximum and minimum temperature/humidity values?**

A: In the mode of checking the value of MAX or MIN, press and hold the [MIN/MAX] button for more than 2 seconds to clear the maximum and minimum values.

• **Q: What is the range for outdoor temperature and humidity?**

A: The outdoor temperature range is -20°C to 60°C and the outdoor humidity range is 20% to 95%.

Documents / Resources

 <p><small>EN • User Manual CZ • Návod k použití SK • Používacia príručka HU • Felhasználói kézikönyv PL • Podręcznik użytkownika</small></p>	<p>SENCOR SWS 2300 Weather Station with Wireless Sensor [pdf] User Manual SWS 2300, SWS 2300 Weather Station with Wireless Sensor, Weather Station with Wireless Sensor, Station with Wireless Sensor, Wireless Sensor</p>
--	---

References

- [S Design and quality for you | Sencor.com](#)
- [S Od televizorů přes kuchyňské roboty až po koloběžky | Sencor.cz](#)
- [S Design and quality for you | Sencor.com](#)
- [Fogyasztói Portál](#)
- [User Manual](#)

Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.