SENCOR®

SWS 5270



USER'S MANUAL — **WEATHER STATION**

NÁVOD K OBSLUZE — **METEOROLOGICKÁ STANICE**

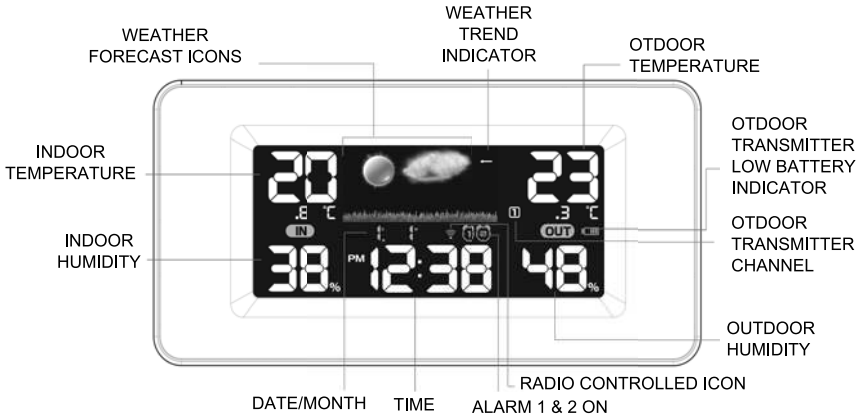
NÁVOD NA OBSLUHU — **METEOROLOGICKÁ STANICA**

HASZNÁLATI ÚTMUTATÓ — **METEOROLÓGIAI ÁLLOMÁS**

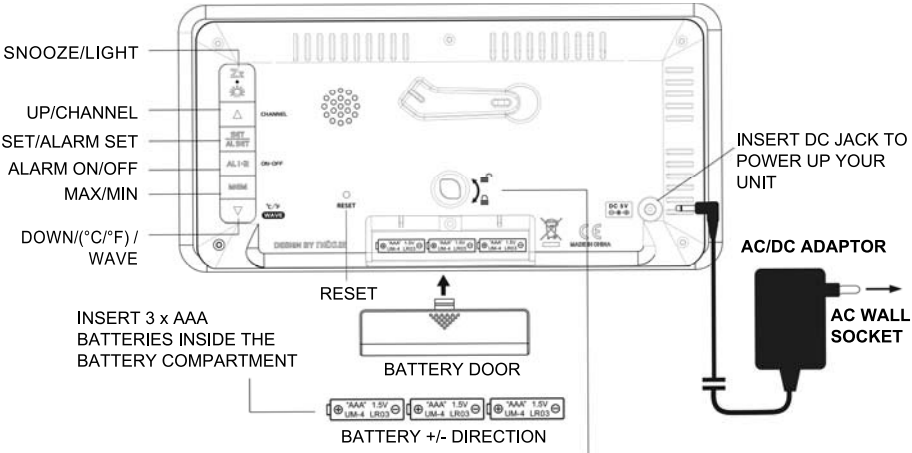
INSTRUKCJA OBSŁUGI — **STACJA POGODOWA**

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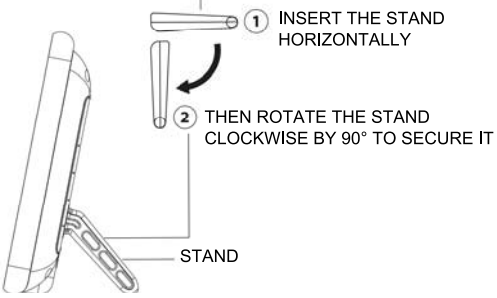
Front view

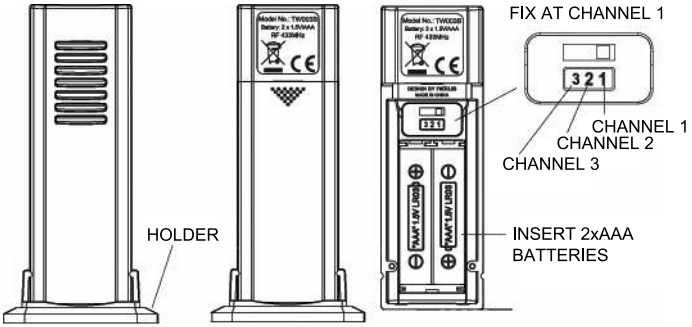


Back view



Slide view





OUTDOOR TEMPERATURE SENSOR

QUICK SETUP

STEP 1

Insert the AC/DC adaptor to any 230V AC household outlet. Then insert the DC jack to the back case of your unit. Your weather station will be powered on with backlight running.

STEP 2

Keep your weather station and wireless outdoor transmitter next to each other. Slide open the battery cover at the back of your wireless outdoor transmitter, then insert 2 x AAA new alkaline batteries to the battery compartment. Make sure the Channel selector switch is at **1** position. Replace the battery cover.

Make sure **1** (Channel 1) is displayed under the outdoor temperature and humidity. You could press ▲ / **CHANNEL** to select Channel 1.

Your weather station will receive data signal from the outdoor transmitter in few seconds. Then place your outdoor transmitter in a dry and shaded area.

STEP 3

Your weather station will start DCF radio controlled time reception in around 3 minutes, the radio controlled time icon will flash. the backlight becomes static and dimmer during the reception. During reception all buttons do not function temporarily.

When the weather station receives DCF signal, the time and date will be set and will become solid. The icon will disappear when the clock fails to receive the DCF signal.

INSTALLING BACKUP BATTERIES TO YOUR UNIT

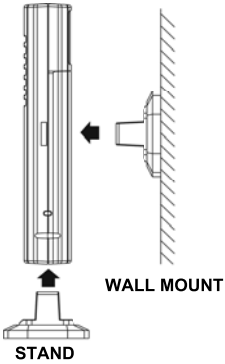
Your weather station requires 3 x “AAA” alkaline batteries to provide backup power to it in the event of a temporary power interruption.

1. Place your unit face down on a flat surface.
2. Slide and remove the battery cover at the bottom of your unit.
3. Insert 3 “AAA” alkaline batteries into the battery compartment by observing the “+” and “-“ polarity as indicated.
4. Replace the battery cover.

If the AC main power is interrupted, the backup batteries will keep the time and all settings of your unit. Press once will turn on the backlight for 5 seconds and then it will go off again.

REMARKS:

Keep in mind that your outdoor transmitter has a 50-meter open air transmission with no obstructions.
Actual transmission range will vary depending on what is in the path of the signal. Each obstruction (roof, walls, floors, ceilings, thick trees, etc.) will effectively cut signal range in half.



Insert the holder to the bottom of the outdoor transmitter for desktop or insert it to the back of the transmitter for wall mount purpose.

ENVIRONMENTAL RECEPTION EFFECTS

Your radio controlled clock obtains the accurate time with wireless technology. Same as all wireless devices, the receiving ability maybe affected by, but not limited to, the following circumstances:

- Long transmitting distance
- Nearby mountains and valleys
- Among tall buildings
- Near railway, high voltage cable etc.
- Near freeway, airport, etc
- Near construction site
- Inside concrete buildings
- Near electrical appliances
- Near computers and TV's
- Inside moving vehicles
- Near metallic structures

Place your clock at a location with optimal signal, i.e. close to a window and away from metal surfaces or electrical appliances.

DCF SIGNAL RECEPTION AND SIGNAL INDICATOR

After your clock is powered up, it starts to receive DCF signal. The LED flashes.

Weak or no DCF signal	(only ▲ icon flashing)
Receiving strong DCF signal	(icon flashing)
Successful Reception	(icon becomes static)
Failed Reception	(icon disappear)

AUTOMATIC RECEPTION AND MANUAL RECEPTION

Your clock starts automatic reception everyday at 1:00, 2:00, and 3:00. If it fails to receive the DCF time signal at 3:00, it will start reception at 4:00. If it fails again, it will start reception at 5:00. If it fails again, it will start automatic reception at 1:00 again in the next day.

MANUAL RECEPTION

Simply press and hold **▼ / (°C/°F) WAVE,** your clock will give a short beep and starts manual reception. Press and hold **▼ / (°C/°F) WAVE** will give a short beep and stop DCF reception.

**When your weather station is receiving the radio controlled time signal, the backlight becomes static and dimmer.

After the radio controlled time reception is completed or the clock does not catch the DCF signal in 7 minutes, it will revert to the preceding bright backlight mode.

TO CANCEL DCF RECEPTION TEMPORARILY

Press and hold ▲ / CHANNEL and ▼/ **(°C/°F) WAVE** at the same time for 2 seconds, your clock will give a short beep and the radio controlled function is disabled.
At this moment, user can press and hold ▼**/ (°C/°F) WAVE** to implement manual reception.

To resume the radio controlled function, press and hold ▲ **/ CHANNEL** and ▼**/ (°C/°F) WAVE** at the same time for 2 seconds, your clock will give 2 short beeps and will start DCF reception immediately.

TO SET TIME ZONE, 12/24, TIME, CALENDAR, SNOOZE DURATION

1. Press and hold SET / AL SET, the time digits change to "**00**". Press ▲ or ▼ to select +12 to -12 time zone.
2. Then press SET / AL SET again, the time digits change to "**24Hr**". Press ▲ or ▼ to select "**12Hr**" time format. When 12Hr time format is selected, **PM** indicator will be displayed.
3. Then press SET / AL SET once again, the hour digits flash. Press ▲ or ▼ button to set the hours. Press and hold ▲ / ▼ will accelerate your setting.
4. Then press SET / AL SET once again, the minute digits flash. Press ▲ or ▼ button to set the minutes. Press and hold ▲ or ▼ will accelerate your setting.
5. Then press SET / AL SET once again, "**Yr**" displayed and "**2018**" digits flash. Press ▲ or ▼ button to set the year.



6. Then press SET / AL SET once again, month digits flash. Press ▲ or ▼ button to set the month.
7. Then press SET / AL SET once again, date digits flash. Press ▲ or ▼ button to set the date.
8. Then press SET / AL SET once again, "**m**", "**d**", month-date digits flash. Press ▲ or ▼ to select month-date "**m**" "**d**" or date-month "**d**" "**m**" calendar display.



9. Then press SET / AL SET once again, "**SN**" and "**05**". Press ▲ or ▼ button to set the snooze duration from 5 minutes to 60 minutes.



10. Press SET / AL SET to return to normal mode, or it will return to normal mode in around 15 seconds if no further press of any other buttons.

TO SET ALARM 1 AND 2

1. **TO SET ALARM 1** : At normal time display, press SET/AL SET once, time digits change to alarm time digits "**6:00**" and "**A1**". Then press and hold SET/AL SET for 2 seconds, the alarm hour digits flash. Press ▲ or ▼ to set the hours of your desired alarm time.



2. Then press SET/AL SET once again, the alarm minute digits flash. Press ▲ or ▼ button to set the minutes of your desired alarm time.

3. Then press SET/AL SET once again to complete set-up. If no key is pressed in approximate 15 seconds at any time during set-up, the clock will exit the alarm set-up mode.

4. **TO SET ALARM 2**: At normal time display, press SET/AL SET **twice**, time digits change to alarm time digits "**6:00**" and "**A2**" is displayed. Then repeat the above steps in Alarm 1 setting.



TO TURN ON OR OFF YOUR DAILY ALARM

1. Press AL1·2 ON·OFF once to turn on Alarm 1 only, ① appears on the LCD.
2. Press AL1·2 ON·OFF once again to turn on Alarm 2 only, ② appears on the LCD.
3. Press AL1·2 ON·OFF once again to turn on both Alarm 1 & 2, both ① and ② appear on the LCD.
4. Press AL1·2 ON·OFF once again to turn off both Alarm 1 & 2, both ① and ② disappear on the LCD.

TO USE SNOOZE ALARM

When time reaches your set alarm time, your weather station will give a beep sound to wake you up.
The corresponding ① or ② will flash.

1. Press Zz·☼ once to stop the alarm temporarily, the corresponding ① or ② keeps flashing. The alarm will beep again according to your set snooze duration.
2. When the alarm is sounding, press AL1·2 ON·OFF once, the alarm will stop for the day, ① or ② icon become static, alarm will come on again at the same time next day.

Alarm Duration: 2 minutes

TO USE THE DIMMER

Press Zz ☼ button once to adjust the display brightness for nighttime viewing.

TO DISPLAY TEMPERATURE IN DEGREE °C OR °F

Simply press ▼ **(°C/°F) / WAVE** once to display temperature in degree °C or degree °F.

WEATHER FORECAST AND PRESSURE TREND INDICATOR

Your weather station has a built-in barometric sensor which measures the change of the air pressure over time. Your weather station takes around 12 hours to gather and average air- pressure readings to provide a weather forecast for next 12 hours.

WEATHER ICONS

There are six possible types of weather icons that will be displayed:

SUNNY		**RAINY**	
SUNNY AND CLOUDY (PARTLY SUNNY)		**STORMY**	
CLOUDY		**FROST ALERT**	 Frost Alert Icon appears when outdoor temperature is below +3°C

AIR PRESSURE TENDENCY INDICATORS

When the  arrow appears, the air pressure is increasing, the weather is expected to improve.

When the  arrow appears, the air pressure is decreasing, the weather is expected to become worse.

When the  arrow appears, the air pressure change is stable.

Remarks: Moving your weather station from one floor of a building to another floor will affect the accuracy of your weather station, which should operate at the same altitude all the time. If you move it to a new location, it will take 12 hours to get stable and accurate again.

Our weather station provides next 12 hours weather forecast. It may not match with the current weather condition outside.

TO READ MAXIMUM-MINUMUM IN-OUT TEMPERATURES AND HUMIDITIES

Press **MEM** once to view the maximum indoor-outdoor temperatures and humidities records with "**MAX**" icons appearing on the display. Press again to view the minimum indoor-outdoor temperatures and humidities and the air pressure with "**MIN**" icons appearing on the display.

When the maximums or minimums are displayed, press and hold the **MEM** to reset both records and it will start to record the maximums and minimums again.

TO DISPLAY AIR PRESSURE READOUT

When **MAX** or **MIN** is not displayed, press and hold **MEM** until the calendar display shows the air pressure readout in hPa. Press and hold **MEM** again to revert back to calendar display.

IF YOU LOSE THE OUTDOOR TEMPERATURE AND HUMIDITY

When the outdoor temperature and humidity digits show '--', the wireless transmission is either interrupted or lost. Press and hold the ▲ / **CHANNEL** button to start searching for the signal from the outdoor transmitter with the icon flashing.
If you continue to lose the outdoor temperature and humidity display, which could happen in extreme cold weather, try placing the transmitter in a different location until you have smooth transmission of temperature / humidity data.

HOW TO SYNCHRONIZE YOUR WEATHER STATION WITH ANOTHER OUTDOOR TRANSMITTER

1. At the back of your weather station, Press ▲ / **CHANNEL** once. icon appears under your outdoor temperature and humidity.
2. Press and hold ▲ / **CHANNEL** until the icon blinks, your weather station is searching for the signal of another outdoor transmitter at Channel 2.
3. Slide open the battery door of your second transmitter, slide the switch to the middle position marked with **2**, then insert two AAA batteries into the battery compartment by observing the correct +/- polarity. Replace the battery cover.
4. The outdoor temperature and humidity of your second transmitter will appear on the LCD together with icon within few seconds. If the data still does not appear, take out and reinstall batteries to your second transmitter once.
5. To synchronize your weather station with a third outdoor sensor, repeat the same step by choosing on your weather station and select **3** on the switch on your third transmitter.

AUTO SCROLLING THE OUTDOOR TEMPERATURE AND HUMIDITY OF DIFFERENT TRANSMITTER

Press ▲ / **CHANNEL** one at a time until the icon flashes with a short beep tone. Then the outdoor temperature and humidity of different outdoor transmitter will be displayed for few seconds alternately with , , flashing.
To stop the auto scrolling, press ▲ / **CHANNEL** once to go back to constant display of the temperature and humidity of the icon transmitter, the icon remains static on the display.

LOW BATTERY INDICATION OF YOUR OUTDOOR TRANSMITTER

The icon will appear to indicate the battery level of your outdoor transmitter is getting low. You may need to replace the batteries of your outdoor transmitter with new ones.

Extreme cold weather (e.g. below -10°C) will also cause low battery voltage.

TROUBLESHOOTING

In case your weather station clock shows irrelevant information or digits, it maybe affected by electrostatic discharge or interferences from other devices. Use a sharp object to press **RESET** at the back of your weather station. Your unit will be reset to default settings and you need to set the time, calendar and alarm time again.

Problem	Solution
LCD is blank	1. Press **RESET** on the main unit. 2. Replace fresh batteries in your weather station. 3. Make sure the AC/DC adaptor is plugged into an working AC outlet properly. 4. Make sure the DC jack is plugged in to the weather station properly.
No Outdoor Temperature and Humidity is displayed	1. Press and hold **/ CHANNEL** on the weather station to search for outdoor temperature signal again. 2. Press and hold **/ CHANNEL**, then take out the batteries and reinstall with new ones to your outdoor transmitter. 3. Make sure the correct channel is selected on your weather station (default setting is **1** – Channel 1) 4. Observe if the Low Battery icon appears on the left of the outdoor temperature. If yes, replace batteries in outdoor transmitter with new alkaline batteries. 5. No other interfering sources are being used (such as computer monitors, TV sets, headphones, or speakers) in the path of signal from the outdoor sensor. The signal travels in a straight line, an electrical source near that “line” may cause interference.
Temperature, humidity, or air pressure is incorrect	1. Press **RESET** on the main unit. 2. Make sure your main unit and the outdoor transmitter is away from sources of heat / cold / direct sunlight / rain.

CARE OF YOUR WEATHER SATATION CLOCK

1. Do not expose the unit to extreme temperature, water or direct sunlight.
2. Avoid contact with any corrosive materials.
3. Do not subject the unit to excessive force, dust or humidity.
4. Do not open the inner back case or tamper with any components of this unit.
5. Do not plug in any other AC/DC adaptor with incorrect specifications or voltage.
6. Always place your outdoor transmitter in a dry and shaded area away from direct sunlight or rain.

SPECIFICATIONS

Temperature Range

Indoor 0°C to +50°C (+32°F to +122°F) (display shows HH.H / LL.L if out of this range)
Outdoor -25°C to +70°C (-13°F to +158°F) (display shows HH.H / LL.L if out of this range)

Humidity Range

Indoor	20% - 95%
Outdoor	20% - 95%
Temperature Resolution	0.1°C/0.2°F
RH% Resolution	1%
Temperature & Humidity	measure every 30 seconds
Alarm Duration	2 minutes
Snooze Duration	5 minutes

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 your seller.

CE The product meets EU requirements.

Hereby, FAST ČR, a.s. declares that the radio equipment type SWS 5270 is in compliance with Directive 2014/53/EU.
For the full version of the EU declaration of conformity, please refer to the following website: www.sencor.eu

Changes in the text, design and technical specifycations may change without prior notice and we reserve the right to make these changes.

The original version is Czech.
Manufacturer: FAST ČR, a.s., Černokostelecká 1621, Říčany CZ-251 01

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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.