SENCOR®

SDC 8200

User's manual	RADIO CONTROLLED CLOCK WITH TEMPERATURE
Návod k obsluze	RÁDIEM ŘÍZENÉ HODINY S TEPLOMĚREM
Návod na obsluhu	RÁDIOM RIADENÉ HODINY S TEPLOMEROM
Használati útmutató	RÁDIÓ VEZÉRLÉSŰ ÓRA HŐMÉRŐVEL
Instrukcja obsługi	ZEGAR STEROWANY RADIOWO Z TERMOMETREM

EN   CZ   SK   HU   PL

Thank you for purchasing this delicate radio controlled clock with temperature. Utmost care has gone into the design and manufacture of the clock. This manual is used for DCF and MSF version. Please read the instructions carefully according to the version you purchased and keep the manual well for future reference.

SAFETY INFORMATION
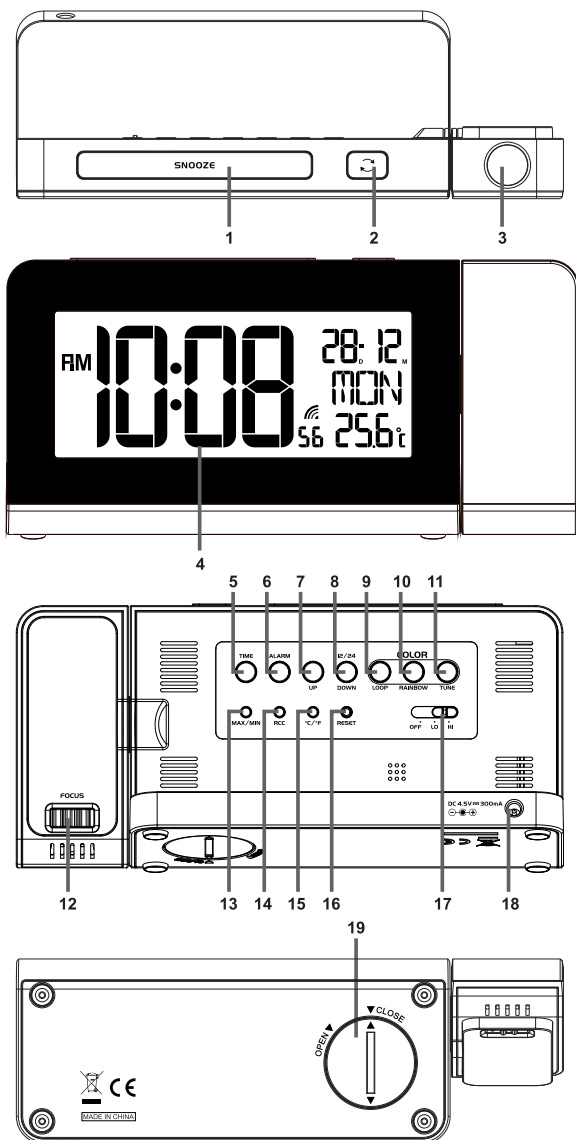
IMPORTANT SAFETY INSTRUCTIONS
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

1. READ INSTRUCTIONS – All the safety and operating instructions should be read before the product is operated.
2. RETAIN INSTRUCTIONS – The safety and operating instructions should be retained for future reference.
3. HEED WARNINGS – All warnings on the product and in the operating instructions should be adhered to.
4. FOLLOW INSTRUCTIONS – All operating and use instructions should be followed.
5. WATER AND MOISTURE – Do not use this product near water – for example, near abath tub, wash bowl, kitchen sink, or laundry tub; in awet basement; or near aswimming pool; and the like. This appliance shall not be exposed to dripping or splashing water and no object filled with liquids such as vases shall be placed on the apparatus.
6. CLEANING – Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use adamp cloth for cleaning.
7. VENTILATION – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on abed, sofa, rug or other similar surface. This product should not be placed in abuilt-in installation, such as abookcase or rack, unless proper ventilation is provided or the manufacturer*instructions have been adhered to.
8. ACCESSORIES – Only use attachments/accessories specified by manufacturer.
9. POWER SOURCES – This product should be operated from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from built-in battery power, please refer to the operating instructions.
10. NON-USE PERIODS – The power cord of the product should be unplugged from the outlet and slide the power switch to OFF position when left unused for long periods of time.
11. OBJECT AND LIQUID ENTRY – Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in afire or electric shock. Never spill liquid of any kind on the product.
12. HEAT – The product should be situated away from heat sources such as radiators, heat registers, stoves or other products (including amplifiers) that produce heat.
13. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
14. SERVICING – Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
15. Apparatus shall not be exposed to dripping or splashing.
16. Where the plug of the Direct plug-in adaptor is used as disconnect device, the disconnect device shall remain readily operable.
17. WARNING: Do not open. No user replaceable parts inside, refer servicing to qualified technician.
18. WARNING: Never lubricate any part of this unit.
19. WARNING: Place this unit on aflat, hard and stable surface.
20. WARNING: Never place this unit on other electrical equipment.
21. WARNING: Keep this unit away from direct sunlight, naked flames or heat.

MAIN FEATURES

1. **[SNOOZE]** key
   - Stop the current alarm when it is sounding and enter into snooze mode.
2. **[REVERSE]** key
   - Press it to reverse the projected data.
3. **PROJECTOR**
   - Projection of time and indoor temperature.

4. **LCD** display
5. **[TIME]** key
   - Press it to switch between Month/Date and alarm time mode.
   - Press and hold it for 2 seconds to enter normal time setting.
   - In normal time setting, press it to step the setting mode.
6. **[ALARM]** key
   - In normal time display, press it to turn on/off ALM 1 & ALM 2.
   - In ALM 1 / ALM 2 mode, press it to turn on/off alarm and pre- alarm function.
   - Press it to stop the current alarm when the bell is ringing and turn off the alarm and snooze function.
   - In alarm time mode, press and hold it for 2 seconds to enter alarm time setting.
   - In alarm time setting, press it to step the setting mode.
7. **[UP]** key
   - In setting mode, press it to increase the setting values.
8. **[12/24 / DOWN]** key
   - In setting mode, press it to decrease the setting values.
   - In normal time mode, press it to switch among 12/24 hour format.
9. **[LOOP]** key
   - Press the **[LOOP]** key to turn on or turn off the backlight colour change.
10. **[RAINBOW]** key
   - Turn off the LOOP function and press **[RAINBOW]** key, the backlight will change its colour in this sequence: white > red > orange > yellow > green > cyan > blue > purple.
11. **[TUNE]** key
   - Turn off the LOOP function and press **[TUNE]** key, the backlight will display 256 colours.
12. **FOCUS** knob
   - Adjust the quality of the projected data.
13. **[MAX/MIN]** key
   - Press it to check the minimum and maximum temperature records.
14. **[RCC]** key
   - Press it to receive the RC signal for reception testing.
15. **°C/°F** key
   - Press it to switch between Celsius and Fahrenheit.
16. **[RESET]** key
   - Press it to reset all values to default values.
   - In case of malfunction, the unit may be required to reset.
17. **[OFF / LO / HI]** slide switch
   - Slide to the **[HI]** position for the brighter backlight.
   - Slide to the **[LO]** position for the dimmer backlight.
   - Slide to **[OFF]** position to turn off backlight function.
18. **DC** jack
19. Battery door - Lithium battery CR2032 for backing up settings.

TEMPERATURE CLOCK

1. Plug the adaptor into the DC jack.
2. Press **[RESET]** key to re-start the clock.

RECEPTION OF RADIO CONTROLLED TIME SIGNAL

The time and date are radio-controlled. The current time and date are automatically synchronized with the time signal transmitted from Europe. When used for the first time (pressing **[RESET]** key), the clock will start to receive the RC signal in 20 seconds with the signal strength indicator flashing.

SIGNAL STRENGTH INDICATOR

The signal indicator displays signal strength in 4 levels. Wave segment flashing means time signals are being received. The signal quality could be classified into four types:

(icon) or *(icon)*	*(icon)*
No signal quality	Weak signal quality
(icon)	*(icon)*
Acceptable signal quality	Excellent signal quality

NOTE:
1. Everyday the unit will automatically search for the time signal at 2:00am, 8:00am, 2:00pm and 8:00pm.
2. Always place the unit away from interfering sources such as TV set, computer, etc.
3. Avoid placing the unit on or next to metal plate.
4. Closed area such as airport, basement, tower block or factory is not recommended.
5. Do not start reception on a moving article such as vehicle or train.

MANUAL TIME SETTING

If you are out of the reach of the Radio Controlled Transmitter or if the reception is not reachable, the time can be set manually. As soon as the transmitter is received again, the clock will automatically synchronize with received time.
1. In normal time mode, press and hold **[TIME]** key for 2 seconds to enter the year setting.
2. Press **[UP]** or **[12/24 / DOWN]** key to set the desired value.
3. Press **[TIME]** key again, Month digit flashes, press **[UP]** or **[12/24 / DOWN]** key to change its value.
4. Repeat the above operation to set the time in this order: Year > Month > Date >Hour > Minute > Second > Language.
5. Press **[TIME]** key to save and exit the setting or let it exit automatically 30 seconds later without pressing any key.

ALARM AND SNOOZE SETTING

1. In normal time mode, press **[TIME]** key to select the ALM 1 or ALM 2.
2. In ALM 1/ALM 2 mode, press and hold **[ALARM]** key for 2 seconds until alarm Hour digit flashes.
3. Press **[UP]** or **[12/24 / DOWN]** key to change the value.
4. Repeat the above operations to set time in this order: Hour > Minute
5. Press **[ALARM]** key to save and exit the setting, or let it exit automatically 30 seconds later without pressing any key.

NOTE:
1. The alarm will be automatically turned on when you set the alarm time with the icon "🔔1" or "🔔2" displayed.
2. The dual-alarm (ALM 1&ALM 2) design of this unit will provide you with more convenience, and you can set two-alarm time if needed.

USING ALARM FUNCTION

1. Set the alarm time as described in the previous section.
2. In normal time mode,press **[ALARM]** key once to turn on ALM 1, press it twice to turn on ALM 2, press it thrice to turn on both ALM 1 and ALM 2, with the bell icons display on the LCD. Press it again to turn off both ALM1 and ALM2, with the icons disappearing.

NOTE:
1. If no key is pressed during the alarm period, the alarm will turn off automatically. Alarm beeping lasts for 2 minutes.
2. Press **[SNOOZE]** button to stop the current alarm and enter snooze. Alarm icon will be flashing continuously. The alarm will sound again in 5 minutes. Snooze can be operated continuously in 24 hours.
3. Press **[ALARM]** button to turn off alarm function.

COLOUR CHANGE DISPLAY

1. Press **[LOOP]** key to turn on or turn off the backlight colour change.
2. Turn off the loop function and press **[RAINBOW]** key, the backlight will change its colour in this sequence: white > red > orange > yellow > green > cyan > blue > purple.
3. Turn off the loop function and press **[TUNE]** key, the backlight will display 256 colours.

CHECKING AND DELETING MAX/MIN TEMPERATURE RECORDS

1. Press **[MAX/MIN]** key once to check the maximum temperature records. Press it twice to check the minimum records. Press it again to exit.
2. Press and hold **[MAX/MIN]** key for 3 seconds to delete the maximum and minimum temperature records, with "beep" tone.

MAX temperature record   MIN temperature record

USING THE PROJECTOR

Plug the DC jack to turn the projector on, rotate the projector to project the light beam to a dark background within 1-4 meters, the projected data will be displayed on the dark background as following diagram.

NOTE:
1. If using DC power, the projected data will be always on.
2. Press the **[↻]** key will reverse the projected data. The rotate angle of the projector is ±90º.
3. Adjust the quality of the projected data by adjusting the FOCUS knob.

CAUTION:
- Do not dispose old batteries as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.
- Danger of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions
- The socket outlet shall be installed near the equipment and shall be easily accessible

SPECIFICATION

Operating temprature range:	-5°C~50°C (23° F~122°F)
Resolution:	1°C/°F (below -10°C/14°F)
Radio controlled signal:	DCF/MSF version
Power:	AC / DC adapter 4.5V, 300 mA
Back-up battery:	lithium battery CR2032
Dimension:	163(W) × 80(H) × 56(D) mm

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.

This product meets all the basic EU regulation requirements that relate to it.

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

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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.