

SENCOR®

SCM 2501GY



PORTABLE CAR REFRIGERATOR 25 L

Translation of the original manual

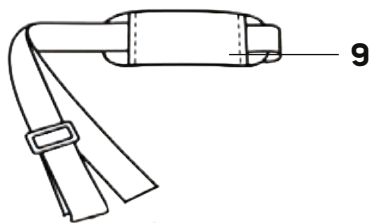
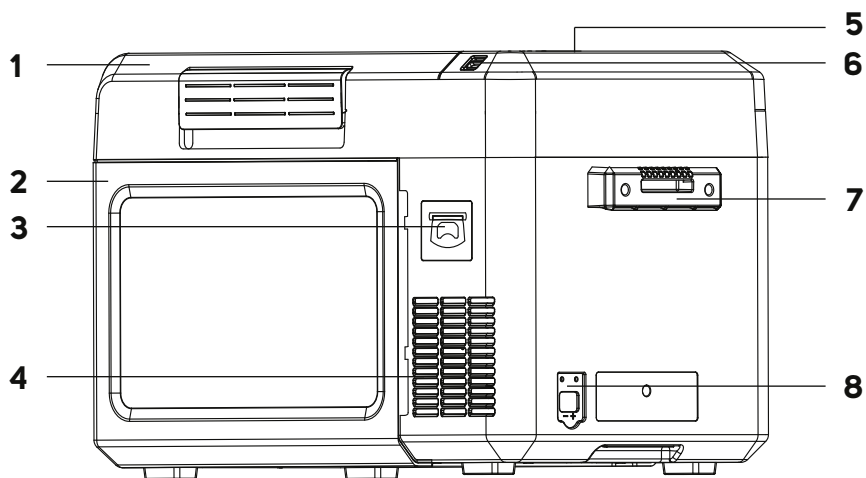


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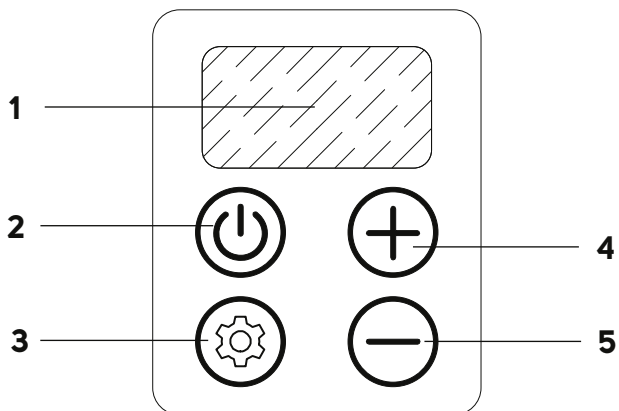
SCM 2501GY



A



B



Important Safety Instructions

READ CAREFULLY AND STORE FOR FUTURE USE.

- This appliance may be only used by children aged 8 years and older and by persons with physical, sensory or mental impairments or lack of experience and knowledge, if they are supervised or have been instructed on the safe use of the appliance and understand the potential hazards.
- Children between the ages of 3 and 8 can load and unload food from refrigeration appliances.
- Children must not play with the appliance. Cleaning and maintenance must not be performed by children without supervision.
- If the mains cable is damaged, have it replaced in a professional service centre in order to prevent a dangerous situation. Never use the appliance if the power cable is damaged.
- **WARNING:** The ventilation openings in the cover of the appliance or in its construction must be kept clear.
- **WARNING:** Do not use mechanical devices or means other than those recommended by the manufacturer to accelerate the defrosting process.
- **WARNING:** Do not damage the cooling circuit.

- **WARNING:** Do not use electrical appliances in the space for storing food unless they are the types recommended by the manufacturer.
- **WARNING:** When placing the appliance, make sure that the power supply cord is not trapped or damaged.
- **WARNING:** Do not place multiple portable sockets or portable extension cords on the rear of the appliance.
- Do not store explosive substances, such as sprays with flammable propellant, in this appliance.
- This appliance is intended for household use. The appliance is also designed for personal non-commercial use in spaces such as:
 - kitchenettes in shops, offices and other workplaces;
 - hotels, motels, and other residential environments where guests may use it;
 - bed and breakfast establishments;
 - catering and similar non-retail environments.
- This appliance is intended to be free standing. It is not intended to be built into a cabinet or inserted into one.
- To prevent food contamination, please follow these recommendations:
 - Keeping the lid open for a long time may cause a significant increase in the temperature inside the appliance.
 - Regularly clean surfaces that may come into contact with food and accessible drainage systems, if the appliance is equipped with them.

- Store raw meat and fish in the appliance in suitable packaging in the appliance to prevent contact with other foods or dripping onto them.
- This appliance is not suitable for freezing food in general. It is intended only for short-term storage of refrigerated or already frozen food.
- If the appliance is left empty for a long time, turn it off, defrost, clean, dry and leave the lid open to prevent mould forming inside the appliance.



Warning: Fire Hazard / Flammable Materials

- The appliance is designed for use in households, cars, caravans, boats or when camping. However, it must not be exposed to rain.
- The appliance may only be powered using a safe low voltage corresponding to the designation on the rating label of the appliance.
- The appliance can be connected to more than one power source. The power cord of this appliance can only be connected to a 12 V socket of the corresponding shape (e.g. car cigarette lighter), to a 220–240 V mains socket only through the supplied cable. However, never connect the appliance to multiple power sources. This may lead to irreversible damage.
- Keep all cables and their connectors clean. Do not use metal or otherwise conductive tools for cleaning.
- In vehicles that allow devices to be powered from a 12 V power socket without the engine running, it is important to check the battery status to prevent full discharging.



Caution:

Before you connect the appliance to a 220–240 V power socket on a boat, make sure that the socket is equipped with a residual current device. Otherwise there is a risk of injury.

- Do not use the appliance in rooms with high dust or humidity, e.g., laundry rooms, bathrooms, spaces storing chemicals, or industrial environments.
- Keep the appliance away from open flames or heat sources.
- Avoid direct sunlight exposure.
- Place the appliance on a stable and flat surface.
- Make sure that the appliance does not tip over. Ensure the appliance is not tilted. Do not tilt it beyond 30°.
- If the appliance is overturned, return it to the operating position, turn it off and disconnect it from the power supply. Allow the refrigerant circuit to stabilise for about 2 hours before turning the appliance back on.
- Do not fill the device with ice or pour liquids into it.
- Do not place cans (e.g. canned beverages) or carbonated beverages in the appliance when using the heating or freezing function, as it poses an explosion risk.
- Do not immerse the appliance, power cord or its connectors in water or any other liquid.
- Do not leave the appliance unattended when connected to the power source.
- Always disconnect the appliance from the power source when not in use, before moving or cleaning.
- Do not handle the plug / power cord connector with wet hands.
- Do not disconnect the appliance from the power source by pulling the cable. This could damage the cable or the socket/connector. Disconnect the cable by gently pulling the plug / power cord connector.
- Ensure the power cord does not touch hot surfaces, is not tangled, bent, or otherwise damaged.
- Do not turn on the appliance in short intervals. Wait approximately 5 minutes before turning it on again. Otherwise there is a risk of damage to the compressor.
- Do not insert any objects into the appliance ventilation openings to avoid short circuits and irreversible damage.
- **Warning:** Danger of suffocation. Store in a well-ventilated place out of reach of children and pets. Ensure that the lid cannot be closed or have the lid removed before handing over the appliance for ecological disposal.
- Do not use the appliance if it is not working correctly, if it has been damaged or has been submerged in water. Have all repairs or adjustments of the appliance performed at an authorised service centre. Tampering with the appliance during the warranty period may void the warranty.
- The manufacturer is not responsible for any damages or injuries caused by improper use or handling of this appliance.

Refrigerant Safety Instructions

- The refrigerant (R1234yf) contained in the refrigeration system of the appliance is a natural gas with a low environmental impact. Follow the basic safety measures even though it is a slightly flammable refrigerant.
- Never damage the cooling circuit.
- Ensure that the appliance does not fall, objects do not fall on it, do not expose it to shocks, etc.
- Avoid using or storing the appliance in environments with flammable, volatile, or explosive substances.
- Do not use or manipulate open flames or other ignition sources near the appliance.
- If the cooling circuit is damaged, open a window or door and ventilate properly. Contact an authorised service centre. Never attempt to close or repair the cooling circuit. The cooling circuit and refrigerant may only be handled by a person with relevant expertise. Never smoke or use an open flame or other ignition source when the cooling circuit is damaged.

EXPLANATION OF SYMBOLS PLACED ON THE PRODUCT OR IN THE ACCOMPANYING DOCUMENTATION



The product meets all the basic requirements of the applicable EU directives.



This symbol on products or accompanying documents means that used electric or electronic products must not be added to ordinary municipal waste.



Safety Class for Electric Shock Protection:
Class II – Electric shock protection is provided by double or heavy-duty insulation.



The product is intended for household use only. The product is not intended for outdoor use.



This symbol indicates that the appliance must not be used if the power plug is damaged.

EN Portable car refrigerator 25 l

User Manual

- Thank you for purchasing our SENCOR product; we hope it will serve to your satisfaction.
- Prior to using this appliance, please read the user manual thoroughly, even in cases when you are already familiar with the use of similar types of appliances. Use the appliance only as described in this user manual. Keep the manual for future reference. If you pass the appliance on to another person, ensure that this user manual is included.
- Carefully unpack the appliance and make sure not to discard any part of the packaging material until you have removed all its components. It is recommended that you keep the original packaging, packing material, receipt and confirmation of the extent of the seller's liability or warranty certificate at least for the duration of the legal right to file a defect claim or the quality warranty. When transporting the appliance, we recommend repackaging it in the original box provided by the manufacturer.
- Depending on the intended use, insert the power cord connector into the socket on the side of the fridge and insert the adapter either into the mains socket (using the mains adapter) or into the socket of your car (using the car socket adapter).
- After connecting the car fridge to the power source, a short beep will sound.



Warning:

Never plug the power adapter into a car socket or the car socket adapter into a power socket. There is a risk of electric shock and irreversible damage to the product.

DESCRIPTION OF THE CAR FRIDGE

A1 Lid	A8 Jack for power cord connector
A2 Fridge body	A9 Strap shoulder
A3 Bottle opener	Not shown: power adapter (100–240 V-), car socket adapter (12/24 V ↔)
A4 Air outflow	
A5 Control panel with display	
A6 USB-A port	
A7 Handles (located on both sides)	

DESCRIPTION OF THE CONTROL PANEL

B1 Display	B4 + button to increase temperature
B2 ⏻ button to turn the car fridge on/off	B5 – button to decrease temperature
B3 🌡️ button for selecting cooling/freezing mode	

BEFORE FIRST USE

- Before first use, remove the fridge and its components from the packaging and remove all promotional labels and tags. Check that neither the appliance nor any of its components is damaged.
- Release the lid lock, open the lid, and wipe the interior with a soft sponge slightly moistened with warm water. Wipe with a dry cloth. Clean the external surface with a soft sponge slightly dampened in warm water with a bit of dishwashing liquid. Wipe with a dry cloth.
- Clean the control panel with a dry cloth.



WARNING:

If the refrigerator tips over, turn it off and disconnect it from the power source. Place it in the operating position and allow it to stand idle for at least 2 hours.

POWER SUPPLY

- Before connecting the fridge to the power source, ensure the voltage on the fridge's label matches the power source.
- The fridge is supplied with two adapters:
- power adapter (100–240 V-) for connection to a properly grounded power outlet; car socket adapter (12/24 V ↔).

MEMORY FUNCTION

- The fridge is equipped with an internal memory and the last settings will remain stored in memory if turned off only by the button ⏻. Upon restarting, it will operate in the last mode and temperature.

- The fridge can automatically switch off when the voltage drops below 11.5 V (for 12 V power supply) or 23.5 V (for 24 V power supply).
- The fridge can automatically switch on in the last setting when the voltage reaches 13 V (for 12 V power supply) or 25 V (for 24 V power supply) for at least 2 minutes.
- The fridge can still be turned on manually even when the voltage is between 11.5 V and 13 V (for 12 V power supply) or 23.5 and 25 V (for 24 V power supply).
- Before storing, ensure that the appliance and all accessories are thoroughly clean and dry.
- Store the appliance in a dry, clean, and well-ventilated place away from extreme temperatures and out of the reach of children or pets.

ERROR MESSAGES

Error Message	Description	Meaning	Solution
E1	Temperature sensor short circuit	Abnormal short circuit of the temperature sensor.	Contact an authorised service centre for replacement.
E2	Temperature sensor disconnection	Abnormal disconnection of the temperature sensor.	Contact an authorised service centre for replacement.
E3	Vehicle input protection	Vehicle input voltage is lower than 11.5 V (for 12 V power supply) or lower than 21 V (at 24 V power supply).	Check the vehicle input voltage and then reconnect the car fridge.
E4	Overvoltage protection	Vehicle input voltage is higher than 17 V (for 12 V power supply) or 30 V (for 24 V power supply).	Check the vehicle input voltage and then reconnect the car fridge.
E5	Compressor overvoltage protection	Voltage exceeded the set range of the compressor overvoltage protection.	Disconnect the fridge from the power source. Reconnect after a while.
E6	Fan overcurrent protection	External fan peak current is greater than 1 A.	Contact an authorised service centre.
E7	Compressor startup error	Compressor motor stopped or the pressure in the refrigeration system is too high.	Turn off the fridge and disconnect from the power source. Let it stand freely for approximately 30 minutes. Then reconnect.
E8	Minimum speed error	The cooling system is overloaded and the motor cannot maintain the minimum speed 1850 rpm.	Turn off the fridge and disconnect from the power source. Let it stand freely for approximately 30 minutes. Then reconnect.
E9	Thermal protection	Refrigeration system is overloaded, or ambient temperature is too high.	Turn off the fridge and disconnect from the power source. Let it stand freely for approximately 30 minutes. Then reconnect.

PROTECTIVE FEATURES

- The fridge is equipped with several features to protect it from damage.
 - **Tip-over protection:** if the tilt angle in any direction is greater than 30°, the compressor will shut down, beep 3 times and the display will start with error message **E0**. After the equalization, the current internal temperature will be restored on the display. After 3 minutes of alignment, the compressor will start again.
 - **Overcurrent protection:** When the output current is too high, overvoltage protection is activated, and the power is cut off.
 - **Vehicle input protection:** When the vehicle's input voltage is lower than 11.5 V (for 12 V power supply) or lower than 21.5 V (for 24 V power supply), protection is activated and error message **E3** is displayed on the screen. The message will be displayed for 12 seconds, after which the power will be cut off.
 - **Overvoltage protection:** When the input voltage exceeds 17 V (for 12 V power supply) or 30 V (for 24 V power supply), overvoltage protection is activated and the message **E4** appears on the display. The message will be displayed for 12 seconds, after which the power will be cut off.
 - **Short circuit protection:** In the event of a short circuit, the short circuit protection is activated and the power is cut off.
 - **Temperature sensor short circuits:** In case of an abnormal temperature sensor short circuit, error message **E1** is displayed on the screen, and the power is cut off.
 - **Temperature sensor disconnection:** In case of abnormal temperature sensor disconnection, error message **E2** is displayed on the screen, and the power is cut off.

CLEANING AND MAINTENANCE

- Before cleaning, disconnect the car fridge from the power source.
- Release the lock and open the lid to allow the temperature inside to equalize to room temperature.
- Do not use abrasive cleaning agents, solvents, etc. to clean any parts of the appliance, as these could damage the surface. None of the components of this appliance are dishwasher safe.



Warning:

To prevent the risk of electric shock, do not submerge the appliance, cable, or adapters in water or any other liquid.

Interior

- Clean the internal space of the fridge after each use.
- Wipe the internal space with a soft sponge slightly dampened in warm water. Wipe with a dry cloth.
- To eliminate any unpleasant odour inside, you can add a bit of apple cider vinegar to the warm water.

Outer surface

- Clean the external surface with a soft sponge slightly dampened in warm water with a bit of dishwashing liquid. Wipe with a dry cloth.
- Clean the lid seal with a soft sponge slightly dampened in warm water. Keep the lid seal clean.
- Clean the control panel with a dry cloth.
- Regularly remove dust and dirt from the air outlet grill. If necessary, use a vacuum cleaner to remove the dirt.

Storage

- If you will not be using the appliance for an extended period, disconnect the car fridge from the power source and clean it according to the instructions in the CLEANING AND MAINTENANCE chapter.

EO	Tip-over protection	The tilt angle is higher than 30°.	Return the car fridge to its operating position.
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If an error message persists, stop using the car fridge and contact an authorised service centre.

TECHNICAL SPECIFICATIONS

Car Fridge

Power supply	Power adapter 100–240 V~ Car socket adapter 12/24 V===
Cooling power	70 W
Internal volume	25 l (usable volume 24 l)
Adjustable cooling/freezing range	–18 °C to 20 °C
Insulation	Cyclopentane C ₅ H ₁₀
Cooling medium	R1234yf / 27 g
Noise	≤40 dB(A) (background noise ≤25 dB(A))
Dimensions	33 × 35.9 × 56.9 cm (width × height × depth)
Weight	10.5 kg

Power Adapter

Input.....	100–240 V~, 50–60 Hz, 2.5 A
Output.....	13.8 V=== 6.5 A, 89.7 W

The declared noise emission level of the appliance is 40 dB(A), representing the A-weighted sound power level relative to the reference sound power level of 1 pW. We reserve the right to change the text and technical specifications.

INSTRUCTIONS AND INFORMATION ON DISPOSAL OF USED PACKAGING MATERIAL

Dispose of used packaging material at the designated municipal waste disposal site.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC EQUIPMENT

To enable the proper disposal, renewal and recycling of these products, deliver them to the designated collection points. Alternatively, in some European Union states or other European countries the products can be returned to the local retailer when buying an equivalent new product. By disposing of this product correctly, you help to conserve valuable natural resources and prevent any potential adverse impact on the environment and human health that could result from improper waste disposal. For more details, contact your local authority or nearest collection point. Fines may be imposed for the improper disposal of this type of waste as per national regulations.

For business entities in European Union States

If you wish to dispose of electrical and electronic equipment, please request the necessary information from your retailer or supplier.

Disposal in other countries outside the European Union

To dispose of this product elsewhere, request the necessary information on the correct disposal method from local authorities or your retailer.

Changes to text and technical parameters are reserved.

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U Sanitasu 1621
CZ-251 01 Říčany
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