

# SENCOR®

SCM 5501BL



PORTABLE CAR REFRIGERATOR

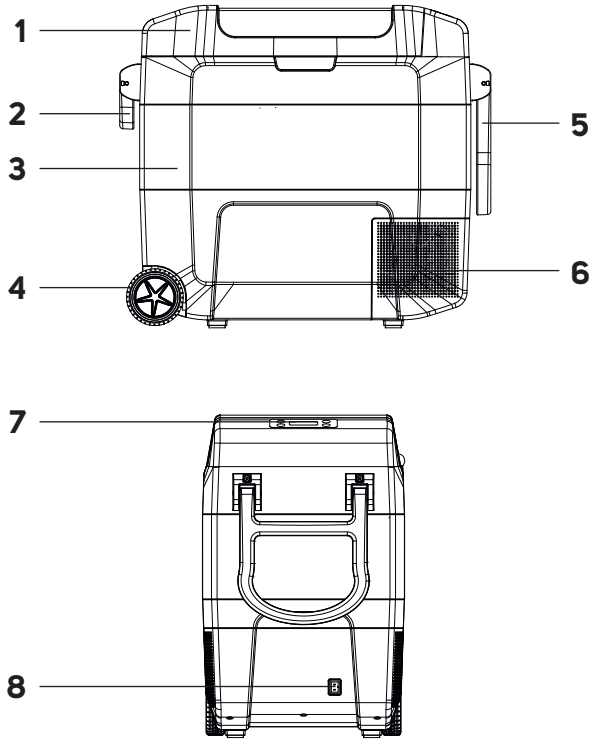
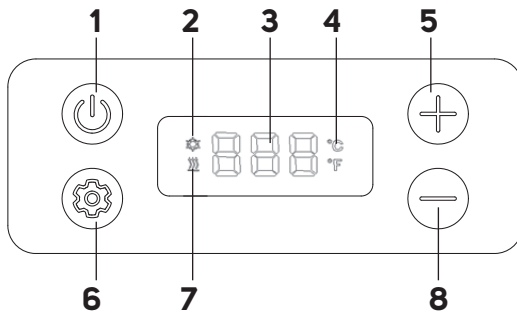
Translation of the original manual



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**A****B**

# EN Portable Car Refrigerator

## Important Safety Instructions

### READ CAREFULLY AND STORE FOR FUTURE USE.

- This appliance may be used by children 8 years of age and older and by persons with physical, sensory or mental impairments or by inexperienced persons, if they are properly supervised or have been informed about how to use of the product in a safe manner and understand the potential dangers.
- 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 power cord is damaged, have it replaced in a professional service centre in order to prevent a dangerous situation. It is forbidden to use the appliance with the power cord 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.



### **Warning:**

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.

# EN Portable Car Refrigerator

## User's Manual

- Thank you for purchasing our SENCOR product; we hope you will be satisfied with it.
- Prior to using this appliance, please read the user's manual thoroughly, even in cases, when one has already familiarised themselves with previous use of similar types of appliances. Use the appliance only as described in this user's manual. Keep the manual for future reference. In the event that you hand this appliance over to somebody else, make sure to also include this user's manual.
- Carefully unpack the appliance and take care not to throw away any part of the packaging before you find all its parts. It is recommended to keep the original shipping carton, 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 of defective performance or quality guarantee.



### 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.

### USING THE CAR FRIDGE

1. Press the button to turn the fridge on.
2. Press the button repeatedly and select the cooling mode (the icon will light up) or heating mode (the icon will light up).
3. Use the +/- buttons to set the desired temperature. In the cooling mode, you can set the temperature between -18 to 20 °C; in the heating mode, you can set the temperature between 30 to 50 °C. The set temperature will be displayed on the screen.
4. The fridge will start cooling/heating the internal space to the set temperature. The current temperature inside will be displayed on the screen.
5. Once the internal temperature reaches the set temperature, the fridge will stop cooling/heating.
6. If the temperature increases (in cooling mode) or decreases (in heating mode) by approximately 2 °C, the fridge will restart.
7. If not using the fridge, press the button to turn it off.

### DESCRIPTION OF THE CAR FRIDGE

<b>A1</b> Lid	<b>A6</b> Air outflow
<b>A2</b> Short handle	<b>A7</b> Control panel with display
<b>A3</b> Fridge body	<b>A8</b> Jack for power cord connector
<b>A4</b> Casters	
<b>A5</b> Long handle	

**Not shown:** power adapter (100–240 V~), car socket adapter (12/24 V==), inside cooling and freezing compartment (divided into two sections: 14 l and 41 l)

### DESCRIPTION OF THE CONTROL PANEL

<b>B1</b> Button  to turn on/off the fridge	temperature	<b>B6</b> Cooling/Heating mode selection button
<b>B2</b> Cooling icon		<b>B7</b> Heating icon
<b>B3</b> Numeric display	<b>B7</b> Heating icon	<b>B8</b> - button to decrease temperature
<b>B4</b> Temperature unit icons		
<b>B5</b> + button to increase		

### 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.
- Open the lid and clean the inner space with a soft sponge dampened 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:
1. power adapter (100–240 V~) for connection to a properly grounded power socket;
  2. car socket adapter (12/24 V==).
- 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).

### FOOD INSERTION

- Place food inside the internal space in its original packaging or in suitable plastic or glass containers. Ensure that the lids are properly closed.
- The lid is equipped with a latch. When opening the lid, the latch ensures that it remains open. When the lid is opened, the display lights up if the car fridge is connected to a power source.
- When you need to close the lid, release the latch by gently pulling it upwards. The latch will release, and you can close the lid.
- Always ensure that the lid of the fridge is properly closed. If the lid cannot be closed properly, rearrange the food inside. If necessary, wipe the edge of the internal space with a clean cloth to remove any impurities that could hinder the lid's tightness.

### 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.
- If you disconnect the car fridge from the power source, the saved settings will be deleted from the memory.

### PROTECTIVE FEATURES

- The fridge is equipped with several features to protect it from damage.
1. **Overcurrent protection:** When the output current is too high, overvoltage protection is activated, and the power is cut off.
  2. **Vehicle input protection:** When the vehicle's input voltage is lower than 11 V, 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.
  3. **Overvoltage protection:** When the input voltage is higher than 17 V, overvoltage protection is activated, and error message E4 is displayed on the screen. The message will be displayed for 12 seconds, after which the power will be cut off.
  4. **Short circuit protection:** In the event of a short circuit, the short circuit protection is activated and the power is cut off.



5. **Temperature sensor short circuit:** In case of an abnormal temperature sensor short circuit, error message E1 is displayed on the screen, and the power is cut off.
6. **Temperature sensor disconnection:** In case of abnormal temperature sensor disconnection, error message E2 is displayed on the screen, and the power is cut off.

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### CLEANING AND MAINTENANCE

- Before cleaning, disconnect the car fridge from the power source. Open the lid to allow the internal space to equalise to room temperature.
- Do not use abrasive cleaning agents, solvents, or any substances to clean any parts of the appliance that could damage the surface of the appliance. 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.

#### Internal Space

- 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.

#### External 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.
  - 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.
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### 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 V.	Check the vehicle input voltage and then reconnect the car fridge.
E4	Overvoltage protection	Vehicle input voltage is higher than 17 V.	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.

If an error message persists, stop using the car fridge and contact an authorised service centre.

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## TECHNICAL SPECIFICATIONS

Power supply .....	Power adapter 100–240 V– Car socket adapter 12/24 V==
Cooling power .....	70 W
Heating power .....	60 W
Internal volume .....	55 l
Cooling and freezing space.....	14 l and 41 l
Adjustable cooling range.....	-18 °C to 20 °C
Adjustable heating range.....	30 to 50 °C
Insulation .....	Cyclopentane
Cooling medium .....	Cyclo laminate: R1234yf / 28 g
Noise .....	≤50 dB(A) (background noise ≤25 dB(A))
Dimensions .....	35.6 × 56.8 × 65.5 cm (width × height × depth)
Weight .....	17.2 kg

The declared noise emission level of the appliance is 50 dB(A), representing the A-weighted sound power level relative to the reference sound power level of 1 pW.



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

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 in the designated waste disposal area determined by the municipality.

## DISPOSING OF USED ELECTRICAL AND ELECTRONIC EQUIPMENT



This symbol on the products or accompanying documents indicates that used electrical and electronic products should not be disposed of with regular municipal waste.

For proper disposal and recycling of these products, deliver them to 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 properly disposing of this

product, you help preserve valuable natural resources and contribute to preventing potential negative impacts on the environment and human health resulting from improper waste disposal. For further details, contact your local authorities or the nearest collection point. Fines may be imposed for improper disposal of this type of waste in accordance with national regulations.

### For Business Entities in European Union States

To dispose of electrical and electronic equipment, request necessary information from your retailer or supplier.

### Disposal in Countries Outside the European Union

This symbol is valid in the European Union. To dispose of this product elsewhere, request necessary information on the correct disposal method from local authorities or your retailer.



This product complies with all the essential requirements of the applicable EU directives.