

**P**  **L A R**

# CAR REFRIGERATOR WITH COMPRESSOR



**D4325000**



**D4340000**



**D4350000**

## DC INVERTER COMPRESSOR, POWERFUL REFRIGERATION TECHNOLOGY

Ensuring the safe storage of seafood, dairy products, fruits, vegetables, etc.



STRONG COOLING TEMPERATURE  
CONTROL RANGE **-22°C** TO **+10°C**



# D4325000

## Attention

- **Before use, please read this manual carefully and keep it properly**
1. Before use for the first time, clean the inside and outside of the car refrigerator with a damp cloth.
  2. Do not fill in corrosive liquids. Do not pour liquids directly into the car refrigerator.
  3. If not used for a long time, please disconnect the power supply and keep the inside of the car refrigerator dry.
  4. Please clean the inner cavity regularly to prevent odor bacteria and ensure food safety.
- 
- **Connect the power supply**
1. Find the DC power cord in the kit. Connect the DC plug to the power outlet of the car refrigerator.
  2. Car refrigerators are placed in the car (back-up, seats...).
  3. Arrange the power cable according to the space inside the car. The cigarette lighter plug is connected to the car cigarette lighter hole.
  4. Press and hold the “ON /OFF” button for 3 seconds and the car refrigerator will be ready for use.



Connect the car cigarette lighter



DC power cord



Connect the carrefrigerator  
(Standard model)



Connect the carrefrigerator  
(Built-in model)

- Connect the car cigarette lighter
- DC power cord
- Connect the car refrigerator
- Standard mode
- Built in model

This product can be connected to more than one type of power supply.  
The car refrigerator directly connect to 12V/24V DC power supply.  
If you use 100 ~ 240V AC power, you need to buy a special “ power adapter” for car refrigerator

## Car Refrigerator Operation

Car battery protection voltage reference

Built-in ECO electronic control module can automatically monitor the car battery voltage, Before the power consumption to affect the normal ignition of the car, the car refrigerator will automatically disconnect the power, In that way ensure that the car battery power will not be consumed too low and affect the normal ignition of the car.

Voltage	Factory default voltage protection level sets to H level		
	H high level	M medium level	L low level
12V	11.3V OFF, 12.5V ON	10.1V OFF, 11.4V ON	9.6V OFF, 10.9V ON
24V	24.6V OFF,26V ON	22.3V OFF,23.7V ON	21.3V OFF,22.7V ON

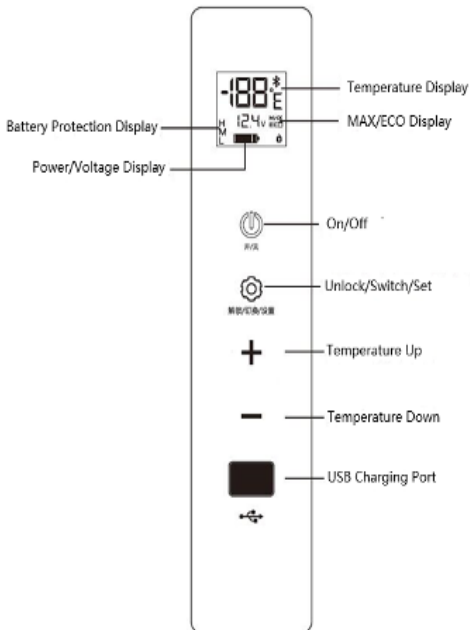
Note: on the condition when the car refrigerator connects to the power and starts, OFF or ON refers to the OFF or ON of the compressor.

## Parts schematic

1. Compressor cooling hole
2. Power interface
3. Three-level switch for battery protection
4. Fuse
5. Handle
6. Digital touch screen control panel
7. Seal rubber ring
8. Refrigerator cabinet



Note: Built-in mode means the fuse and battery protection switch button built-in inside the fridge . Adjust this button on the touch screen .



Note:

**Built-in mode:** means the fuse and three-level battery protection switch button built-in inside the fridge.

**Standard mode:** means the fuse and three-level battery protection switch button install outside the fridge.

## Car Refrigerator Operation

### Temperature Adjustment Settings

- Press touch screen to adjust the temperature inside the car refrigerator
- Operation Method:
  1. Press {On/Off} key for 3 seconds to turn on/standby the refrigerator.
  2. Touch the {+ or -} key to adjust the temperature.
  3. Press the {+ or -} key for a long time. The preset temperature is linearly adjusted with a speed of 2°C. During the adjustment, the number does not flicker.
  4. Within 3 seconds after the operation panel has not detected any key operation, the temperature display will stop flashing, exit the temperature setting, and save the currently set temperature.
  5. The temperature display shows the actual temperature inside the box
  6. In the standby mode, only the {ON/OFF} button is on, and the temperature display and button light are off.
  7. In working status, press {SET} key to perform MAX/ECO switching.
  8. Temperature adjustment function: can be adjusted between -22 °C ~ +10 °C.
  9. Temperature conversion: Press {set} and {+} 3 seconds at the same time Celsius (°C) \ Fahrenheit (°F) temperature switch
  10. Power protection mode: In the power-on state, press “Set” button for 3 seconds to enter the battery protection setting. Click “Set” button to switch H->L>M in turns , then corresponding gear flashes for 5 seconds, exits and saves. Recommend high level setting for car battery.
  11. Note: please adjust the refrigerator parameters while unlocking. If the refrigerator is locked, press “set” up for 3 seconds to unlock it.

The car refrigerator has a power-off memory function, and the working state (power on/off state and working mode) before the power off is automatically restored after the next power on, and there is no need to set it again.

ECO: Energy Saving and Cooling Mode

MAX: Strong Cooling Mode

## Troubles and Troubleshooting

Advice: If an abnormal situation cannot be resolved through simple fault analysis, please contact professional customer service for assistance.

### The car refrigerator does not work

1. Check whether if the power is connected correctly or not (If the plug is loose, positive and negative poles are reversed).
2. Check whether the power switch on the operation panel is turned on.
3. Check the cooling ventilation is normal.
4. Check whether if the fuse is blown or not.

### Poor cooling situation

1. check whether the door is closed
2. The door cover seal is damaged or deformed and the seal is not strict.
3. poor ventilation in the car refrigerator cooling.
4. improper temperature settings.

### Abnormal noise

1. the place of car refrigerator is not stable.
2. hit the wall or other items.
3. internal parts loose or fall off.

### The refrigerator surface condensation

1. when the ambient air humidity > 75%, the surface of the box will normally have slight condensation.

The definition of the error code on the display

Error Code	Error Type
E1	Input voltage too low
E2	Fan Problem
E3	Compressor Startup up frequently Input voltage fault.
E4	Compressor turbine speed too low.
E5	Controller chip overheating
E6	NTC opening or short circuit

## Troubles and Troubleshooting

### E1

- Condition one : insert refrigerator power cord into car cigar lighter when it doesn't start . Solution: to connect the refrigerator later after the car starts.
- Condition two: the input voltage of the adapter is too low. Solution: to adjust the battery protection level to middle or low level. If fridge still no start properly, pls use a new adapter.

### E2

- E2 please replace a new fan when you confirm the fan malfunction.

### E3

- Condition one : E3 appears when use fridge in car, pls shutdown fridge 5 minutes and after that, it can work normally. If it still not works after restart, it is E1 fault, with reference to E1 Fault troubleshooting and solution.
- Condition two: E3 appears when use fridge at home, to adjust battery protection level to middle or low level. If it still no works properly, pls use a new adapter.

### E4

- E4 Compressor turbine speed too low. The input voltage needs to be adjusted reconnect the power.

### E5

- E5 Controller chip overheating. It needs to shut down the power of fridge for 5 minutes. After that, to check whether if it is an overheating caused by the blockage around the vent of the compressor

## Operation Suggestions



If you have a spare battery, you can hold any temperature you set in any situation without any worries.



When put ice cream in refrigerator, its power should be connected, and it should be set to the lowest temperature.



To solve healthy drinking water problem caused by the hot temperature.



Frozen food, expensive seafood, car refrigerator let chilled ingredients accompany the journey



Tea in the car refrigerator has been effective preservation, self-driving tour at any time can drink fresh and delicious tea.



The ideal storage temperature of red wine is 10 °C ~ 18 °C, the precise temperature control of the car refrigerator can effectively guarantee the storage temperature of red wine.



High-grade fruit in the car during the summer heat, the preservation time of it will not exceed 2 hours. Even if the air conditioning is turned on, storage time is shorter, with a car refrigerator can effectively preserve high-grade fruit.



High-grade sunglasses coating in the summer high temperature will be off the car refrigerator is an ideal place to place.

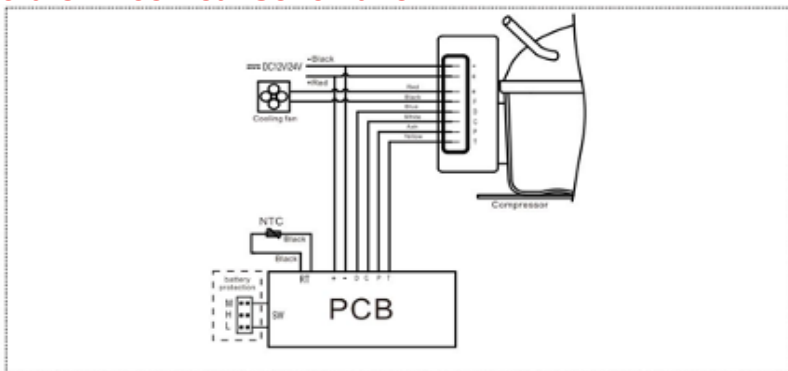


High-grade cosmetics in the car easily deteriorating under high temperature, with the car carrying cosmetics, car refrigerator will be your better place to choose.

## Safety Attention

- Make sure that the power voltage connected to the car refrigerator is correct at any time (parameter labels have car refrigerator verification voltage parameters).
- Do not pour the liquid directly into the car refrigerator.
- It is forbidden to transform refrigerators privately to avoid danger.
- Refrigerator should not be exposed to the rain

## Car Refrigerator Electrical Schematic





# D4340000



Connect the car cigarette lighter



DC power cord

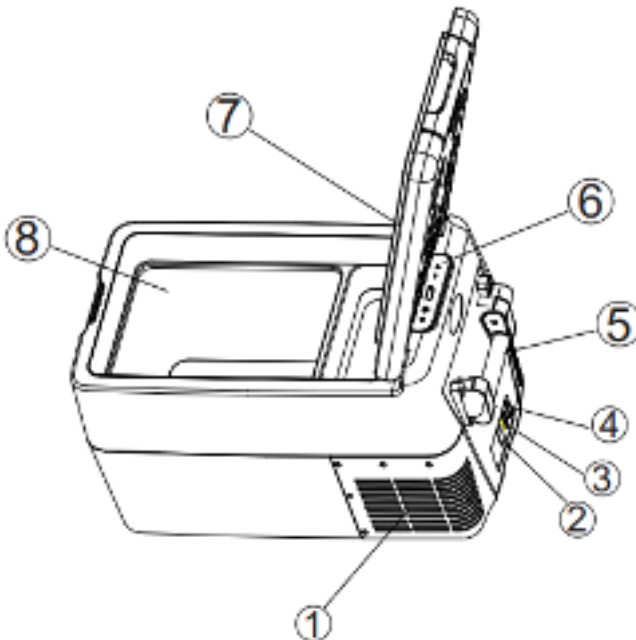


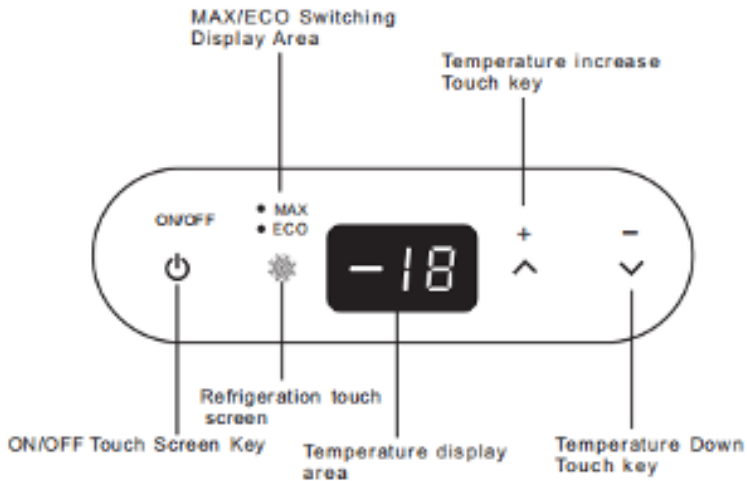
Connect the car refrigerator

Connect the car cigarette lighter  
DC power cord  
Connect the car refrigerator

## Parts schematic

1. Compressor cooling hole
2. Fuse
3. Power interface
4. Three-level switch for battery protection
5. Handle
6. Digital touch screen control panel
7. Seal rubber ring
8. Refrigerator cabinet





- Temperature display area
- On/off touch screen key
- Temperature increase touch key
- Temperature down touch key
- MAX /ECO switching display area

## Car Refrigerator Operation

### Temperature Adjustment Settings

- Press touch screen to adjust the temperature inside the car refrigerator

### • Operation Method

1. Press {On/Off} key for 3 seconds to turn on/standby the refrigerator.
2. Touch the {+ or -} key to adjust the temperature.
3. Press the {+ or -} key for a long time. The preset temperature is linearly adjusted with a speed of 4°C. During the adjustment, the number does not flicker.
4. Within 3 seconds after the operation panel has not detected any key operation, the temperature display will stop flashing, exit the temperature setting, and save the currently set temperature
5. The temperature display shows the actual temperature inside the box.
6. In the standby mode, only the temperature display is off, the other buttons are on
7. In working status, press {SET} key to perform MAX/ECO switching.
8. Temperature adjustment function: can be adjusted between -18 °C ~ +10 °C.
9. Temperature conversion: Press [+] and [-] 3 seconds at the same time Celsius (°C) Fahrenheit (°F) temperature switch.
10. Power protection mode: high, medium, low three levels to protect the car battery. We suggest to set high level of the fridge when connect with car battery. To set medium and low level when with other battery.

## Installation Instruction of S Series Car Refrigerator Fixed Handle Seat

S30S, S4CS, S60S



Step 1: To disassemble the screw (M6.16) with the hex key and keep the screw. Total 8 pcs screws.



Step 2: Put one fixed handle seat parts on the two holes and install the handle parts with screws by using the hex key.



Step 3: put the handle tube into the installed hand seat, pay attention to the direction of the groove, and align the inner diameter of the handle hole.



Step 4: Put another handle seat parts on the handle tube, and also pay attention to the direction of the handle tube.



Step 5: Align the mounting screw holes and tighten them with the hex key and screws. Plus also install the other handle on the other sides with the same way.

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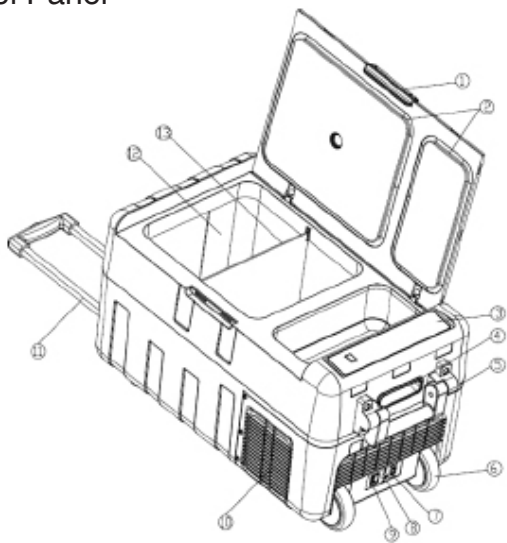
**Step 4:** Put another handle seat parts on the handle tube , and also pay attention to the direction of the handle tube.

**Step 5:** Align the mounting screw holes and tighten them with the hex key and screws. Plus also install the other handle on the other sides with the same way.

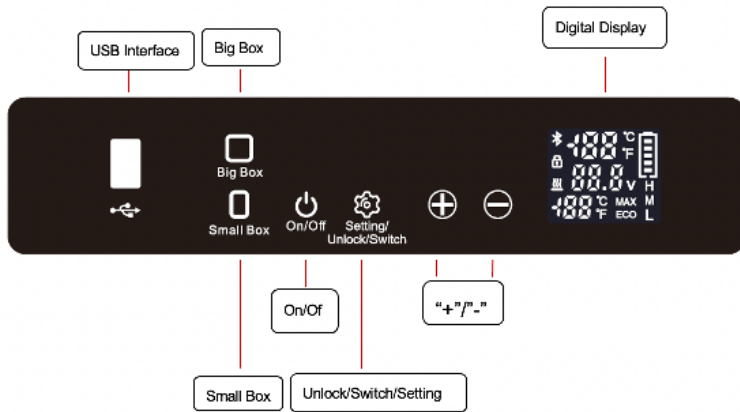
# D4350000

## Parts Schematic

1. Latch
2. Rubber Seal Strip
3. Digital Touch Screen Control Panel
4. Fixed Handle
5. Folding Handle (optional)
6. Trundle (optional)
7. Thermal Fuse
8. Battery Switch
9. Power Interface
10. Compressor Cooling Holes
11. Trolley (optional)
12. Inner Chamber
13. Clapboard



# Car Refrigerator Operations



## Operation Method (Big Single Box Control)

Big Box : +10°C to -20°C

Small Box: without adjusted function.

### 1. Turn On/Off

After connecting the power, press {On/Off} key for 3 seconds to turn on the refrigerator.

### 2. Temperature Setting & Mode Conversion

1. Short touch the {+ or -} key to adjust the temperature (1°C/press).
2. Long press the {+ or -} key, the temperature will be linearly adjusted 2°C.
3. Without any operation for 3s, the temperature display will stop flashing, exit setting, and save the currently set temperature. The temperature display shows the actual temperature inside the box.

### 3. °C / °F Conversion

Press [SET] and [+] 3 seconds at the meanwhile to switch Celsius (°C) \ Fahrenheit (°F)

### 4. MAX or ECO Conversion

In working status, shortly press [SET] key to enter to MAX/ECO switching mode . Then shortly press [SET] key to perform MAX/ECO switching. No detecting any touch for 3s will save setting.

### 5. Battery Protection Setting: H high>L low >M medium Level

Press “Set” button for 3 seconds to enter the battery protection setting. Click “Set” button to switch H>L>M in turns, then corresponding gear flashes for 3 seconds, exits and saves. Recommend high level setting for car battery.

### 6. Locked or Unlock Screen

1. While screen locked, press“unlock” button for 3 seconds to unlock it.
2. Without any operation for 60 seconds, its child-protect lock will automatically lock.

### 7.Power-off Memory Function

The car refrigerator has a power-off memory function. The set parameters will not be changed after power off and later power on the car fridge.

ECO: Energy-saving cooling

MAX: Powerful cooling

## Handle Installation Instruction D4350000



Step 1: To disassemble the screw (M6.16) with the hex key and keep the screw . Total 8 pcs screws.



Step 2: Put one fixed handle seat parts on the two holes and install the handle parts with screw by using the hex key.



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## After-Sales Service: Warranty Card

Product warranty card (user stub)

No.: (seal valid)

Model No.

Item No.

Date of manufacture.

Purchase date.

User Name.

User Telephone.

Dealer.

Sales Phone.



Please fill in this warranty card correctly when purchasing. (In order to protect your rights, please ask the dealer to sign and seal this guarantee at the time of purchase.)

Product warranty card (distribution root)

No.: (seal valid)

Model No.

Date of manufacture.

Purchase date.

User Name.

User Telephone.



Please fill in this warranty card correctly when purchasing. (In order to protect your rights, please ask the dealer to sign and seal this guarantee at the time of purchase.)



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