

OPCF5501

CAR REFRIGERATOR WITH COMPRESSOR

Attentions

△ Before use the refrigerator, please read this manual carefully and keep it properly

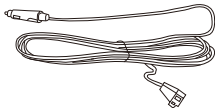
- ⊙ Before the first use of refrigerator, you should clean it inside and outside with a damp cloth.
- ⊙ Do not fill the refrigerator with corrosive liquids. Do not directly pour liquids into the refrigerator.
- ⊙ When the refrigerator is not used for a long time, please disconnect the power supply and keep it dry.
- ⊙ Please clean the inner chamber regularly to prevent odor bacteria and ensure food safety.

△ Connect the power supply

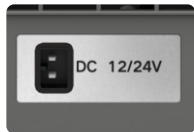
- ⊙ Find the DC power cord in the kit. Connect DC plug to the power outlet of the car refrigerator.
- ⊙ Well place the refrigerators in the car (back-up, seats...).
- ⊙ Lay out power cords as per the interior space of your car. Insert the cigarette lighter plug (one side of the power cord) into the car cigarette lighter hole.
- ⊙ Press and hold the "ON /OFF" for 3 seconds to start the refrigerator.



Connect the car cigarette lighter



DC power cord



Connect the car refrigerator

The refrigerator can be connected to more than one source of energy.

The refrigerator can be directly connected to the 12V/24V DC power supply.

The refrigerator can be used at home (household voltage should be 100-240V) with an 100-240V AC adapter.

Car Refrigerator Operation

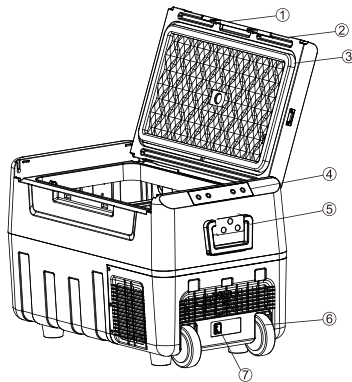
Car Battery Protection Voltage: Built-in ECO electronic control module can automatically monitor car battery voltage. Refrigerator will be automatically cut off when the power is excessively consumed, So that protecting the battery consumption from too low to affect car starting.

Voltage	High Level set to be factory default (Voltage Protection)		
	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

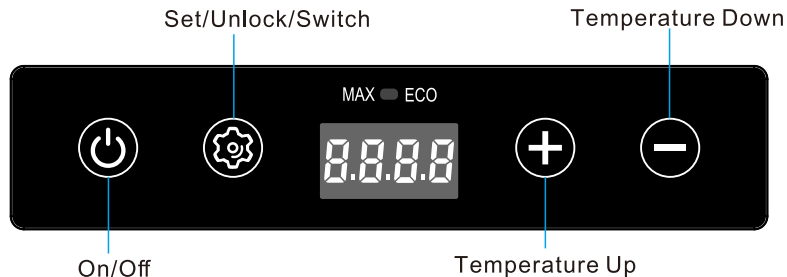
Note: when the refrigerator is on work, “OFF” or “ON” means the stop or start of the compressor

△ Parts schematic


- ① Door Holder
- ② Case Cover
- ③ Sealing Strip
- ④ Touch Screen Control Panel
- ⑤ Handle (optional)
- ⑥ Wheel (optional)
- ⑦ Power Interface



Optional Operation Method



ON/OFF

Press "  " key to turn on/standby the refrigerator.

Temperature Setting

Touch the {+ or -} key to adjust the temperature.

Switch Mode

Press the setting button to switch between ECO (energy-saving mode) and MAX (cooling mode).

Press and hold the setting button for 3 seconds. Press the setting button again to switch HI (high)

→ N2 (middle) → L3 (low) when the display flashes H. The setting will be saved after 3 seconds of static flashing.

Celsius and Fahrenheit Switch

Press [+] and [-] 3 seconds at the same time to switch.

NOTE:

The factory power protection setting defaults is "H(High)" level, and the cooling mode is "MAX"

The white light shows MAX mode, green light shows ECO (energy-saving mode).

Use App

Android System : Scan icon QR code

iOS system : Search for "Car Refrigerator" in the App store

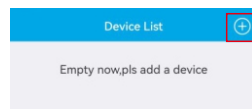


Adroid APP
download code

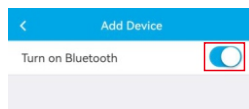


Car Refrigerator

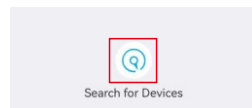
Operation Steps



1.Connect the device



2.Click to turn on Bluetooth
(make sure it is turned on)

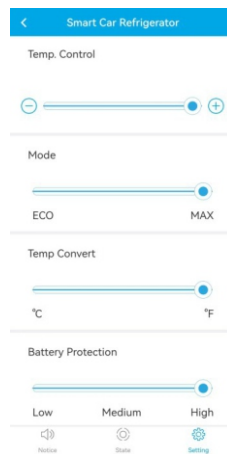


3.Click to search for devices
when Bluetooth is turned on



4.After searching for the
device, click the device
icon to enter the control

Page Description



Troubles and Troubleshooting

Advice: If there is any abnormal situations that cannot be resolved through simple fault analysis, please contact professional customer service for assistance.

△ Car Refrigerator Does Not Work

- ⊙ Check if the power is connected properly.
(check If the plug is loosened or positive and negative poles are reversed).
- ⊙ Check if the power switch on the operation panel is turned on.
- ⊙ Check if the cooling ventilation is normal.
- ⊙ Check if the fuse is blown.

△ Poor Cooling Performance

- ⊙ Check if the lid is closed properly
- ⊙ Check if the door seal is damaged or deformed.
- ⊙ Check if there is poor ventilation around the fridges.
- ⊙ Check if the temperature is set properly.

△ Abnormal Noise

- ⊙ Refrigerator is not put on a flat level surface
- ⊙ Check for vibrations in surrounding objects
- ⊙ Parts in the refrigerator get loose or fall off.

△ Refrigerator Condensation

- ⊙ It is normal that there slightly will be some condensation on the refrigerator surface when air humidity is more than 75%.

△ Definition Of Error Codes On The Display

Error Code	Error Type
E1	Low Input Voltage
E2	Fan Fault
E3	Input Voltage Fault due to compressor frequently start
E4	Low Rotational Speed of Compressor
E5	Overheating of Controller Chip
E6	Open or Short Circuit of NTC

- ◆ It is forbidden to heat carbonated beverages such as beer, cola, and Sprite
- ◆ It is normal to have steam or water stains inside after cooling to heating

Failures and Solutions

△ E1: Low Input Voltage

- ⊙ Failure 1: Insert refrigerator power cord into cigarette lighter before the car starts.
Solution 1: Wait for a while to connect the car after it started.
- ⊙ Failure 2: Input voltage of the adapter is too low.
Solution 2: Adjust the battery protection level to middle-voltage or low-voltage. If it doesn't work, please replace a new adapter.

△ E2: Fan Fault

- ⊙ please replace a new fan when identify there is a fan malfunction.

△ E3: Input Voltage Fault due to compressor frequently start

- ⊙ When the refrigerator is used in car and E3 appearing
 - ① Please shut down for 5 minutes and restart it.
 - ② If it doesn't work, that can be identified to be E1 fault, please solve it according to the solution of E1.
- ⊙ When the refrigerator is connecting with adapter and E3 appearing
 - ① please adjust battery protection level to the middle level or low level.
 - ② If it doesn't work, please replace a new adapter.

△ E4: Low Rotational Speed of Compressor

- ⊙ please adjust input voltage and repower it.

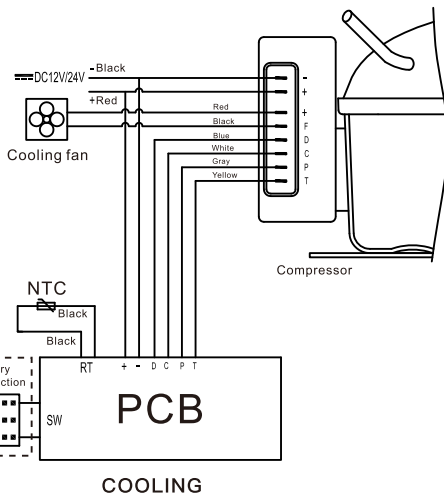
△ E5: Overheating of Controller Chip

- ⊙ Please power off for 5 minutes and check if the overheating is caused by the bad ventilation around compressor.

Safety Attention

- ⊙ Ensure proper connecting of voltage for the refrigerator at any time.
(Parameter label shows the approved voltage for car refrigerator).
- ⊙ Do not directly pour any liquid into the car refrigerator.
- ⊙ It is forbidden to modify the refrigerators privately, in case of dangers.
- ⊙ Refrigerators should not be exposed to the rain

Car Refrigerator Electrical Schematic



Applications



With an additional battery, you can hold any temperature you set in any situations without worries.



Ideal storage temperature for red wine is 10°C-18°C, the precise temperature control of car refrigerator guarantees the storage temperature for it.



When storing ice cream in refrigerator, please set to the lowest temperature and keep power on constantly.



Fruits cannot be kept in hot car for more than 2 hours, even it is in the air conditioning. But car refrigerator is able to effectively keep the fruit fresh for a long time.



Prevent healthy problems from bottled water deterioration caused by the high temperature.



Coating of sunglasses will drop off at the high temperature, car refrigerator is the best ideal place to put away.



Keep fresh for the frozen food and luxurious seafood during the long travelling.



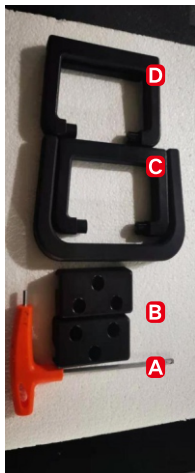
Cosmetic is easy to go bad at high temperature, so the best choice to store outside is with a car refrigerator.



Freshness of tealeaves is effectively preserved by car refrigerator, you can enjoy the fresh and delicious tea any time during the self-driving travelling.

Installation Instructions for T Series Car Refrigerator

Movable Handle Holder



A:six angle screwdriver 1pc
B:fixed support 2pcs
C:big handle 1pc
D:small handle 1pc



1.Use a six angle screwdriver (A) to remove the screws on the refrigerator and save them, total of 6 screws



2.Put the small handle(D) into fixed support(B) on both sides holes



3.Install the small handle(D) under the operation panel, and use six angle screwdriver (A) to fix it with the removed screws



4.Put the big handle into fixed support(B) on both sides holes,install on the other side,align mounting screw holes,and use six angle screwdriver (A) to fix it with the removed screws

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.)