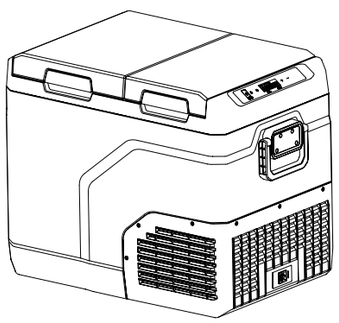
Car Refrigerator

Instruction manual



Model：PR1/PR2/PR3

01/Safety Instructions

Please read the user manual carefully before use and keep it for future reference.

Warnings

1. If the refrigerator has any visible signs of damage, please do not operate it.
2. Do not block the seams of the refrigerator with pins, wires, or similar objects.
3. Do not expose the refrigerator to rain or submerge it in water.
4. Do not place the refrigerator near open flames or other heat sources (heaters, gas stoves, etc.); avoid direct sunlight.
5. Do not store flammable or explosive materials in the refrigerator, such as aerosol propellants.
6. Ensure that the power cord is dry and undamaged, and do not use multiple extension cords.
7. Ensure that the power supply voltage connected to the product is correct at all times.
8. Do not use electrical products inside the refrigerator except for types recommended by the manufacturer.
9. After unpacking, the refrigerator must be left to stand for at least 6 hours before it can be powered on.
10. The refrigerator must be placed on a level surface when in operation. It can operate for a short time with a tilt angle of less than 45 degrees within 20 minutes. Do not run it for extended periods in this state to avoid damaging the compressor.
11. Maintain good ventilation around the refrigerator to aid heat dissipation. There should be no obstructions within 100mm around the compressor compartment.
12. Ensure stable placement: The refrigerator should be placed steadily on the ground or in the vehicle. When the inner liner is holding water, do not invert the refrigerator to drain the water.

Notes

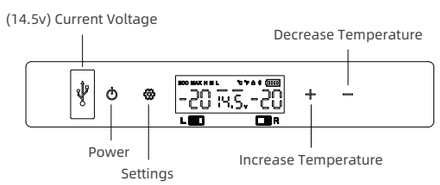
1. The installation and repair of the product can only be carried out by professional service personnel. Improper maintenance may cause serious hazards. For service, please contact the manufacturer's service personnel.
2. Children must operate the refrigerator under supervision to ensure they do not play with it, preventing unnecessary injuries.
3. Individuals who, due to insufficient physical, sensory, or mental capabilities, or lack of experience and knowledge to safely use the appliance, shall not use it without supervision or guidance.
4. Before discarding the old refrigerator, please check and ensure the doors are secured to prevent children from accidentally entering and becoming trapped.

Tips

1. Disconnect the power supply of the refrigerator before each cleaning and maintenance, and after each use.
2. Do not use mechanical devices or other methods to accelerate the defrosting process except as recommended by the manufacturer, to avoid damaging the refrigeration circuit.
3. Store food in its original packaging in the refrigerator, and set the appropriate temperature for food or medication inside the refrigerator.
4. If the appliance is left vacant for an extended period, please: Turn off the device; Defrost the device; Clean and dry the device; Open the lid to prevent mold from forming inside the appliance.
5. This appliance is designed for household and similar uses:
   -Kitchen areas in shops, offices, or other occasions;
   -Customers in camping, farm, and lodging environments such as hotels, motels, and residential settings;
   -Family hotel environments;
   -Catering and similar non-retail applications.
   Proper disposal of the refrigerator: This refrigerator contains flammable refrigerants and insulating foam layers, and should be entrusted to the factory for recycling.

02/Instructions

(-20) Current Temperature (ECO.MAX) Cooling Mode
(H M L) Vehicle Voltage Protection Mode (°C°F) Temperature Unit
( ) Child Lock ( ) Bluetooth (14.5v) Current Voltage
( ) Current Battery Level (for reference)



With the refrigerator powered on, press and hold the power button ⏻ for 1 second to turn it on; with the refrigerator powered off, press and hold the power button ⏻ for 1 second to turn it off.

Temperature Setting

With the refrigerator powered on and not in Child Lock mode, press the "+" or "-" button briefly once to make the left digital display start flashing. At this point, pressing the "+" or "-" button briefly will adjust the temperature of the left compartment up or down by 1 degree.
While the left digital display is flashing, press the "Settings" button briefly once to make the right digital display start flashing. At this point, pressing the "+" or "-" button briefly will adjust the temperature of the right compartment up or down by 1 degree. (Pressing the "Settings" button briefly allows you to set the temperature to the other compartment. After inactivity, the digital display will flash for 5 seconds, then save the temperature settings for both compartments and return to normal display.)
During the temperature setting process, if you want to adjust the temperature more quickly, you can press the "+" or "-" button. This will decrease or increase the set temperature by 4 degrees per second (adjusted linearly in 1-degree increments).

The default temperature setting at the factory is 0 degree.

Work Mode Setting

With the refrigerator powered on and not in Child Lock mode, press the "Settings" button briefly to make the current work mode indicator flash. At this point, press the "+" or "-" button briefly to switch between the work modes (cycling left and right).

The work modes include "ECO" and "MAX" (only the current mode is displayed).

The factory default is set to "MAX".

Battery Protection Switch Setting

In the work mode setting state, press the "Settings" button briefly to switch to the current battery protection level, which will then flash. At this point, press the "-" or "+" button briefly to decrease or increase the level by one notch. The voltage values for reference are as allows:

	12(V)		24(V)	
	Stop voltage	Start voltage	Stop voltage	Start voltage
High level H	11.1	12.4	24.3	25.7
Medium level M	10.4	11.7	22.8	24.2
Low level L	8.5	10.9	21.3	22.7

*Voltage values are theoretical and may vary. When connecting to a vehicle power supply, it is recommended to set it to the highest protection level; when connecting to an external or backup battery, it is recommended to set it to the medium or low protection level.

The default setting is at the Medium level upon factory exit.

Temperature Unit Setting

In the battery protection level setting mode, press the "Settings" button briefly to switch to the current temperature unit indicator and make it flash. At this point, press the "-" or "+" button briefly to switch between Celsius "C" and Fahrenheit "F".

Single/Dual Compartment Mode Switch

With the refrigerator powered on and not in Child Lock mode, press and hold the "Settings" button and the "+" button simultaneously for 3 seconds to turn off the left display and deactivate the cooling for the left compartment.

With the refrigerator powered on and not in Child Lock mode, press and hold the "Settings" button and the "-" button simultaneously for 3 seconds to turn off the right display and deactivate the cooling for the right compartment.

Once one compartment is deactivated, the other cannot be turned off.

Child Lock Function

With the refrigerator powered on and not in Child Lock mode, if no buttons are pressed for 30 seconds, the system will automatically enter Child Lock mode. With the refrigerator powered on and in Child Lock mode, press and hold the "Settings" button for 2 seconds to exit the Child Lock function.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).

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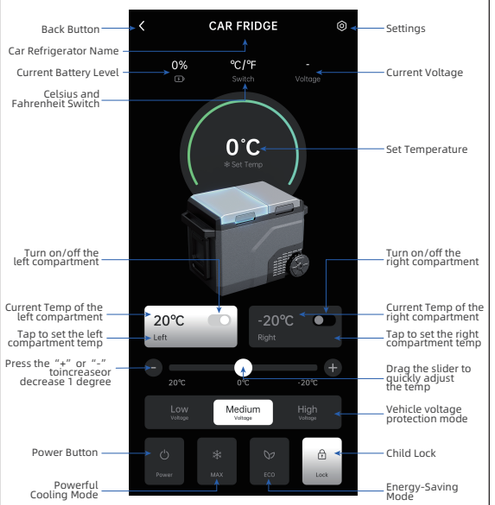
Execution Standards: GB 17625.1-2022, GB 4343.1-2018; GB 4706.1-2005; GB4706.13-2014
Warning: Do not use electrical products inside the refrigerator except for types recommended by the manufacturer.

Thank you very much for using our products.
Please read the user manual carefully before use, and keep it for future reference.

03/APP Features



APP Connection Operation

Download the Smart Life app from the AppStore or GooglePlay, then turn on Bluetooth and open the app. Select "Add Device" and the app will automatically search for nearby devices. When the car refrigerator (CAR FRIDGE) is detected, select it to add.

(If the refrigerator's Bluetooth is already paired with another phone, the app may not be able to find the refrigerator. For instructions on how to unpair the Bluetooth, please refer to the following steps.)

Bluetooth Unpairing Operation with Mobile Phone

With the refrigerator powered on and not in Child Lock mode, press and hold the "Settings" and "Power" button simultaneously for 2 seconds to unpair the Bluetooth module from the mobile phone.

04/Troubleshooting

Problem	Reasons/Solutions
Refrigerator not working	• Check if the power switch on the display control panel is turned on. • Check if the power plug is making good contact. • Check if the fuse has blown. • Check if there is a power supply issue. • Frequent switching on and off may cause the compressor to delay starting.
Temperature in the refrigerator compartment is too high	• Frequent opening and closing of the refrigerator door causing temperature to rise. • A large amount of hot food has been stored. • The refrigerator has been without power for an extended period.
Food in the refrigerator is frozen	• The temperature is set too low; adjust the temperature higher.
Hearing a sound like flowing water inside the box	• This is the sound of the refrigerant flowing, which is a normal phenomenon.
Water droplets on the exterior or around the door gap	• When moisture in the air comes into contact with the cold outer casing, it naturally condenses into droplets, which is a normal phenomenon.
Slightly loud noise when the compressor starts	• During the initial start of the compressor, the noise will be slightly louder, and it will decrease once the speed stabilizes, which is a normal phenomenon.
Displaying E1 code	• Battery voltage low protection (module inputvoltage is lower than the set value).
Displaying E2 code	• Fan short circuit fault.
Displaying E3 code	• Compressor motor start error (motor blockage or excessive pressure difference in the refrigeration system).
Displaying E4 code	• Compressor motor speed is too low (refrigeration system is overloaded, and the motor cannot maintain a minimum speed of 1850 r/min).
Displaying E5 code	• Compressor control module temperature is too high or too low protection (when the ambient temperature is too high or too low, or the system load is too large, causing the internal temperature of the module/ECU to be >100 degrees or <-10 degrees).
Displaying E6 code	• NTC open circuit/short circuit fault.

05/Warranty card

Thank you for purchasing our products! To better serve you, please read the following terms carefully:

Our company hereby pledges that products purchased from our company or dealers come with a warranty service that commences from the date of purchase and lasts for 1 year. However, please note that the warranty does not apply in the following circumstances:

- Malfunctions due to misuse or failure to follow the instruction manual.
- Damages caused by unauthorized repairs or modifications.
- Damages resulting from force majeure events. Failures or damages caused by non-residential use.
- DNormal wear and tear, mechanical breakdown, or cosmetic damage from stains or corrosion.

Customer name	Customer phone number	Product model	Date of purchase
Customer address			
Store name			
Store address			
Store phone number			
Warranty period	One year	Postal code	
Service record			
Receipt date	Repair date	Handover date	Technician
Symptom of failure			
Cause of failure			
Repair details			