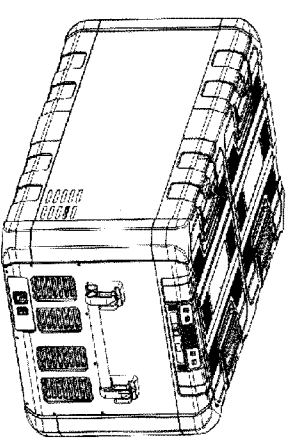
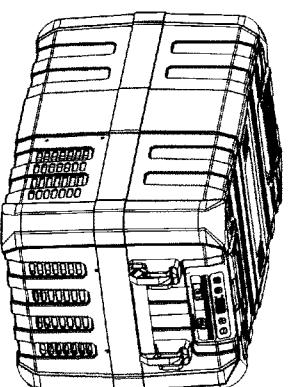




# INSTRUCTION MANUAL

## PORTABLE FREEZER

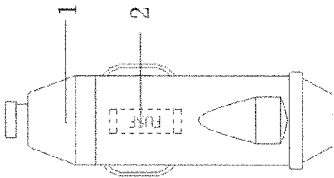
**Model:** YT-B-95NX



PLEASE READ THIS INSTRUCTION MANUAL CAREFULLY BEFORE CONNECTING AND OPERATING THE APPLIANCE. SAVE IT FOR FUTURE REFERENCE.



### VIII. Replacing fuse and the interior light



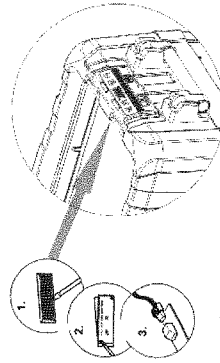
1. Steps for replacing plug fuse (12/24 V):
  - Unplug the DC power plug;
  - Turn anticlockwise the cap to remove it and fuse from the plug;
  - Replace the defective fuse with a new one that has the same rating (insert style 32V 10-15A);
  - Tighten the cap.



**Warning:** rated current for fuse should be within 10-15A, no less than 10A and Max. is 15A. Fuse with rated current less than 10A will be easily burnt during compressor starting procedure;

Fuse with rated current more than 15A will burn battery fuse in car when freezer use car battery.

2. Steps for replacing the light PCB:



- Unplug the power plug and open freezer's lid;
- Pry out the transparent light cover with a screwdriver;
- Unscrew the PCB mounting board;
- Pull out the connector wire terminal from the PCB;
- Replace the defective light PCB with a new one;
- Fit new PCB using reverse of removal instructions.
- Press the transparent cover back into the housing.

### III. Safety instructions

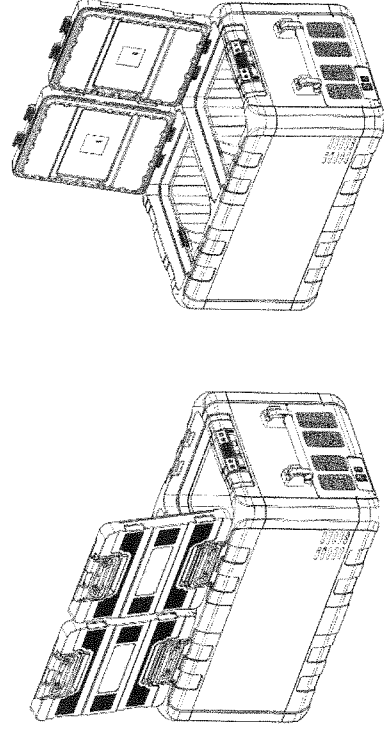
We hereby declare that, the damage caused by the following acts shall not be responsible for:

- Faulty installation or connection.
- Over voltage and mechanical damage cause.
- Transforming the refrigerator without permission.
- Failure to manual operation.
- Pay attention to the voltage description on the rating label, and ensure that the power cord is connected to right power outlet.
- If this power cable is damaged, it must be replaced by the manufacturer, customer service or a similarly qualified person in order to prevent safety hazards.
- Disconnect the power supply when cleaning and maintenance or stop use.

#### **NOTICE! Danger of damage!**

- Disconnect the freezer and other consumer units from the battery before you connect the battery to a quick charging device.
- Over-voltage can damage the electronics of the device.
- Freezer can only be maintained by authorized person, improper maintenance may lead to unexpected dangers or damages.
  - Corrosive materials can not be stored.
  - The appliance should be placed at the dry place, and prevent it from water splashing, rain and moisture. Do not immerse it into water.
  - Do not place the appliance near heat sources such as heaters or direct sunlight.
  - Make sure well-ventilated for heating yield.
  - The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision use of the appliance by a person responsible for their safety.
  - Children should be supervised to ensure that they do not play with the appliance.
  - The appliance is only to be used with the power supply unit provided with the appliance.

### IV. Preparing before use



1. Use a damp cloth to clean the freezer inside and outside when use it for the first time. Specifics please refer to the **"Cleaning and maintenance"**.
2. For convenient using, the lid can be opened from two sides: model YT-B-80NX / YT-B-95NX with 2 lids.

Lid may be completely removed by pressing the two lid latches simultaneously.

3. The handle is not installed before use. Please install it according to below guidance.

① Left handle bracket

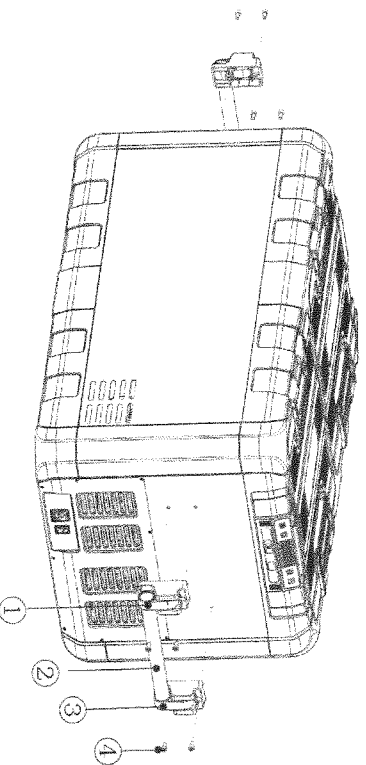
② Screw

③ Handle

④ Right handle bracket


Installation guidance:


- Firstly fix the left handle bracket onto the fridge.
- Then push the handle into the left handle bracket.
- Push the handle into right handle bracket and fix screws.
- Install the right handle same way as left handle.



#### 4. Energy-saving tips


- Select a well-ventilated place and keep the freezer away from heat or direct sunlight.
- Cool the hot food before putting into the freezer.
- Don't frequently open the lid or keep it opening for long time.
- Defrost in time when inner frost.
- Setting temperature properly and reduce unnecessary low temperature setting.


 -While the battery's voltage is too low, battery protector will take effect. Red malfunction indicator light will blink. Now you need to charge the battery.

 -While the battery protector cut off the battery connection, you should warrant the battery to be charged sufficiently, so as avoid frequent restarting of compressor.

Voltage range of battery protector:

Power Supply	Status Battery protector	Low Mode	Medium Mode	High Mode
DC 12V	Cutting-off Voltage	10.1±0.3V	11.4±0.3V	11.8±0.3V
	Restarting Voltage	11.1±0.3V	12.2±0.3V	12.6±0.3V
DC 24V	Cutting-off Voltage	21.5±0.3V	24.1±0.3V	24.6±0.3V
	Restarting Voltage	23.0±0.3V	25.3±0.3V	26.2±0.3V

 When the freezer is supplied by the auto starter battery, V<sub>H</sub> mode setting is proposed, so as to warrant that vehicle's battery power is in high level. If you use additional battery for power supply, V<sub>L</sub> mode setting is applicable.


 -Freezer is designed to have the function to rework when connect to power after power off. If the freezer is shutdown under abnormal situation, it will work automatically when connect to power again.

### VII. Defrosting

Humidity can form frost in the interior of the cooling device or on the evaporator. This reduces the cooling capacity. Defrost the device in good time to avoid this.

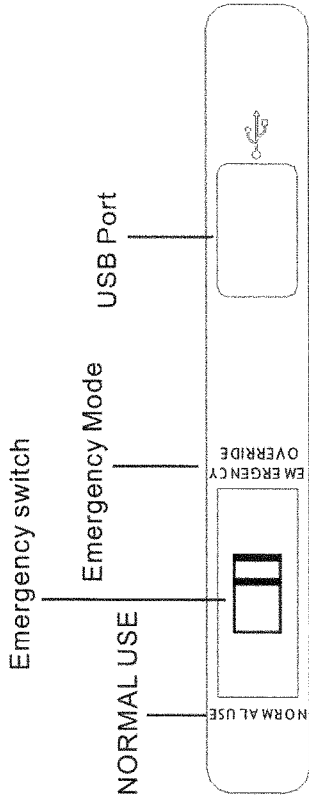
Defrosting steps are as below:

- Take the stored material from the freezer.
- If it is necessary, the stored material could be stored in another freezer.
- Cut off the power, open the freezer's lid, and keep it open until the ice and frost melt away.
- Use clean cloth to wipe off the defrosted water.

 **CAUTION** Never use hard or pointed tools to remove ice or to loosen objects which have frozen in place.

out power plug.

## 7. Emergency Mode



While the operating panel malfunctions, Emergency mode (**EMERGENCY OVERRIDE**) is applicable.



Slide Emergency switch to **EMERGENCY OVERRIDE** position, start this function. In such mode, temperature setting function is not available, refrigerating speed is down, and this mode is only for provisional use.



During normal using, emergency mode is not applicable. Emergency mode is only used while the operating panel is malfunctioning.



This mode is not suitable for long time food storage; if the switch is in the "EMERGENCY OVERRIDE" position, the freezer with full cooling capacity, supercooled temperature may freeze off the food.

### USB port for power supply

USB port allows you to charge small devices like mobile phones and mp3-players. To use your freezer with USB devices, simply connect a USB cable (not included) to your device.

### NOTE:

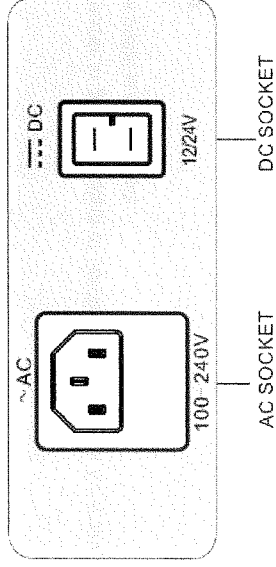
Ensure that any small device connected to the USB port is compatible with 5V/ 500mA operation.

## VI. Manipulating of battery protector (Low voltage protection)

-While the battery's voltage drops to the set-up data, compressor will stop working, so as to protect the battery against over discharge; once the battery's voltage reaches the restart data after charging, compressor will start immediately.

## V. Operation and function

### 1. Connecting to power



-Slide emergency switch to **NORMAL USE** position.

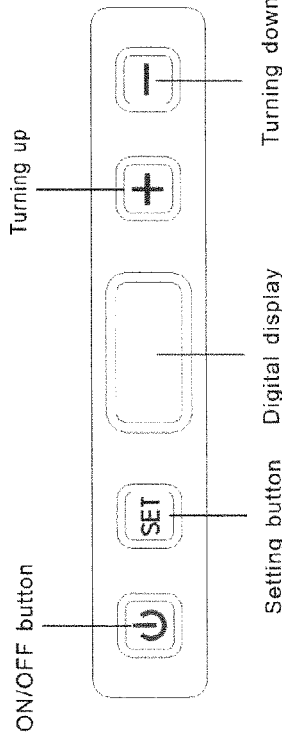
-Insert DC plug into a car's cigarette lighter socket or other DC 12V/24V socket.

-For using with alternating current AC 100-240V, please insert the AC plug into an AC socket.






During normal using, emergency mode is not applicable. Emergency mode is only used while the operating panel is malfunctioning.




### 2. Operating panel



### 3. Turning on the freezer

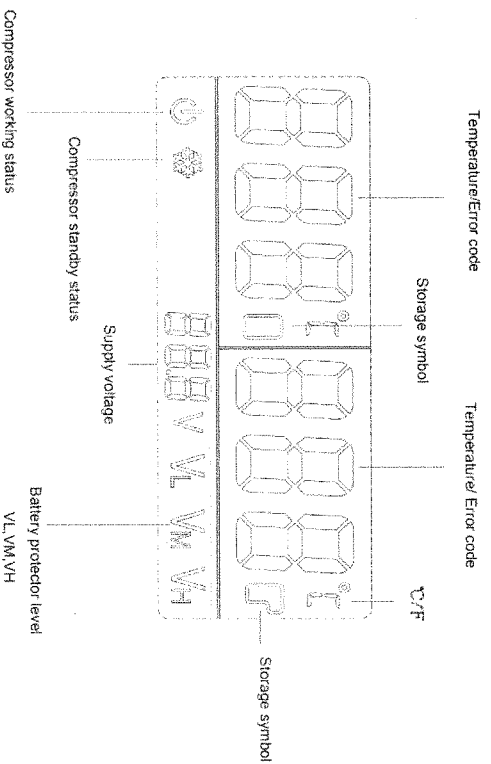
-After switch on the power, the power indicator  will light up on the LCD display, the freezer is standing by now.


-Press  button three seconds continually, the LCD display will light up, but  extinguish. Digital display shows the current interior temperature, supply voltage and other setting parameters,  icon light up, the freezer start working.




-The  shows the working status of compressor,  light up shows the compressor is working,  extinguish shows the compressor stop working.



**CAUTION** Please place the freezer in good condition of ventilating, and check for making sure that the heat dissipation outlet is not blocked.


#### 4. Setting the temperature









For models with the Dual Zone feature the LCD display has 2 Temperature Read-outs, one for each bin compartment. To set the temperature of each individual bin compartment press the  button once to set left bin temperature and twice to set right bin.


-Combining  \  to set temperature from -18°C to 10°C or 0° F to 50° F. To change between centigrade (°C) degree and Fahrenheit degree (°F) display mode press the  button three times.

-Combining  \  to exchange centigrade degree and Fahrenheit degree. The setting temperature appears on the display for a few seconds. The display flashes several times and then the interior temperature is displayed again.

 Temperature range of the Display is -30-60°C.  
**NOTE** If the ambient temperature is above +32°C (+90 °F), the minimum temperature cannot be attained.

  \  should be used combining with  button. Without pressing ,  \  are useless.




 The set-up parameters are still effective when the freezer is energized again, it means that the freezer has memory function.

 When the freezer's interior temperature reaches the setting temperature, compressor stop work. Power indicator light turn to orange color. In switch on status, the color of power indicator light shows the compressor status, green indicates working, orange indicates stopping.

**5. Battery protector setting**  
 The device is equipped with a multi-level battery protector that protects your vehicle battery against excessive discharging when the device is connected to the on-board 12/24 V supply.


If the freezer is operated when the vehicle ignition is switched off, the freezer switches off automatically as soon as the supply voltage falls below a set level. The freezer will switch back on once the battery has been recharged to the restart voltage level.

**NOTICE! Danger of damage!**  
 When switched off by the battery monitor, the battery will no longer be fully charged. Avoid starting repeatedly or operating current consumers without longer charging phases. Ensure that the battery is recharged.

-Press the  button for 4 times, then come into battery protection setting mode:  
 Use  \  button to change between the level settings:  
 Digital display will be as follows:

VL (LOW), Vm (MED), Vh (HIGH)  
 The selected mode then appears on the display for a few seconds.  
 The display flashes several times before it returns to the current temperature.

#### 6. Turning off the freezer

In working status, press  button three seconds continually to turn off the freezer. Pull



If Error indicator light blinks, the compressor will restart every 60 seconds until it starts successfully.  
Under Emergency Mode, if Error indicator light blink every 4 seconds, it means that input voltage is lower than lowest starting voltage, you need charge your battery.

### XI.Packing list

No.	Quantity	Description
1	1	Freezer
2	1	DC cable
3	1	AC cable
4	1	User manual
5	2	Storage basket
6	1	Handle installation accessory

### Table of Contents

Product features.....3

Parts list.....3

Safety instructions.....4

Preparing before use.....4

Operation and function.....6

Manipulating of battery protector (low voltage protection).....8

Defrosting.....10

Replacing fuse and interior light.....11

Cleaning and maintenance.....12

Troubleshooting.....12

Packing list.....13

#### Notice:



Please pay attention to the below markings:

Safety cautions: non-standard operations could endanger personal safety or result in refrigerator damage.



Hints for operation

## I. Product features

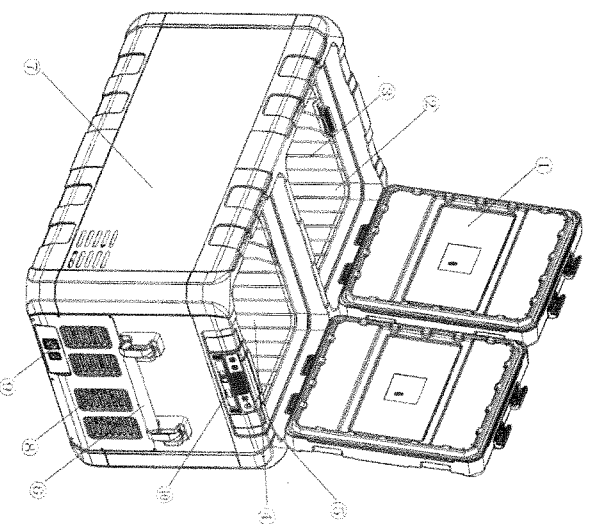
- The freezer is suitable for cooling and freezing foods or drinks.
- The device is designed to be operated from a 12 V== or 24 V== on-board supply socket of a vehicle (e. g. cigarette lighter), boat or caravan as well as from a 100–240 V AC mains.
- The cooling device is also intended to be used in household and similar applications.
- Using high efficiency compressor cooling and insulation materials without CFC to make sure the freezer to achieve rapid cooling performance.
- Using DC inverter compressor cooling technology, environment-friendly refrigerant, to achieve rapid cooling.
- With big capacity movable storage basket.
- Using microcomputer control, button/key pressing operation and LCD display, accurately control the temperature, also indicate failure tips and temperature setting -18-10°C
- With low voltage protection, power supply reverse polarity protection, ultra-high temperature protection for safely use.



**CAUTION** When used for drug cold storage, please review if the cooling capacity matches the drug storage requirements.

## II. Parts list

①	lid
②	storage room 1
③	storage basket
④	storage room 2
⑤	operation panel
⑥	handle
⑦	housing
⑧	air outlet
⑨	power socket
⑩	USB port



## IX. Cleaning and Maintenance



**CAUTION** Warnings: Always disconnect the device from the mains before you clean and service it.



**CAUTION** Warnings: Do not use abrasive cleaning agents or hard objects during cleaning as these can damage the freezer.  
- Occasionally clean the device interior and exterior with a damp cloth.  
- Clean heat dissipation window frequently to ensure good heat dissipation.

## X. Troubleshooting

The Error codes are depicted by a number of Error code which show on the LCD display.

Fault code	Reason	Solution
Power indicator light is not on, freezer does not work.	No power input. Freezer fuse burnt. Vehicle-mounted fuse burnt. Cigarette lighter socket does not connect well.	Check whether input power is matching or not; The engine must be switched on in most vehicles to apply current to the cigarette lighter. Change fuse. Refer to vehicle operating manual to change fuse. Clean cigarette lighter socket or check whether plug connects correctly.
Error code E1 or E/2 display on LCD.	Temperature sensor broken. Temperature sensor broken.	Repair it to appointed maintenance center. Repair it to appointed maintenance center.
Temperature control failure.	Under Emergency mode.	Slide to NORMAL USE mode.
LCD display the error code	E1:battery protector stop working (voltage lower than setting range) E2:fan over-current. E3:Compressor motor start failure. E4:less than the minimum speed of compressor's motor. E5:electronic controller overheat.	Check if the power supply match the setting level of battery protector. Repair it to appointed maintenance center. Will eliminate automatically after the system pressure balance. Will eliminate automatically after the system pressure balance. Will eliminate automatically after the system pressure balance.