Operating Manual

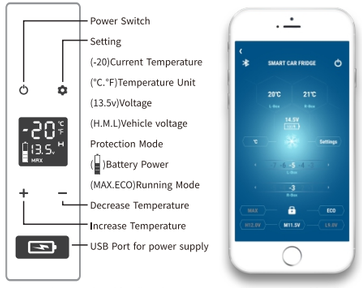
Car Fridge Freezer

Mobile APP Control by bluetooth

IOS & Android

Please read this operating manual carefully before starting the device.
Keep it in a safe place for future reference.

Operating Panel & APP



- USB port is not equipped for all modes.
- APP control is not equipped for all modes.
- Built-in battery is equipped for internal battery type.
- Product features are subject to real purchase.

APP Connecting Operation: Download Alpicool APP from App store or Google Play, then open the bluebooth and APP, search the equipment, choose the fridge and there will be 'AP' shown on the fridge display panel. Press setting button to connect mobile and fridge.

Operating Method

- Power: DC 12/24V or AC 100-240V (equipped with adaptor).
- DC 12/24V (Input power is 12V for built-in battery models).
- Adaptor and power cord are subject to real purchase of different models.
- Battery control button of built-in battery type: battery function can be open or closed depending on different voltage condition

Executive Standard:《Car fridge》Q/AK1213-2017

Statement: The manual is verified carefully. Please contact Alpicool whenever there is printing mistakes or content misunderstanding. Updated product features will be added in new version. If there is change on product appearance or color, please in kind prevail.

Safety Instructions

- The installation of DC power source in the boat must be handled by qualified electricians.
- Make sure to connect power to the suitable voltage socket.
- The refrigerator can be switched on only after being unpacked and left on the ground for more than six hours.
- Make sure to keep the refrigerator horizontal when it is running. The tilt angle must be less than 5° for long time running and be less than 45° for short running.
- Good ventilation: the refrigerator must be well ventilated for heat dissipation and make sure to keep some space around it.
 (Back Space≥200mm,Side Space≥100mm)
- Avoid heat source: the refrigerator should be placed somewhere well-ventilated away from heat source and no direct sunlight. Keep it stable: Put the refrigerator on the ground or in the car. Do not turn the refrigerator upside down for drainage. Do not expose it to rain or soak it in water.

Troubleshooting

The refrigerator is not working:
- Check if power supply is malfunctioned or not.
- Check whether the plug and socket are connected well.
- Whether the fuse has been burnt or not.
- Check if the switch is on or not.
- Compressor starts delay protection for 3mins after switching on

Food is frozen:
- The setting temperature is too low

Water flowing sound is inside the refrigerator:
- It is the flowing sound of refrigerant which is normal。

There are water drop around the refrigerator casing or door gap:
- When moisture in the air meets the lower temperature refrigerator casing, it will naturally become liquefied and condensed to be water drops. That is a normal phenomenon.

The compressor is slightly noisy when starting:
- The noise will be less after the compressor works stably which is normal。

Code F1 displayed:
- This is protection mode of low car voltage which can be solved by setting battery protection button from H to M or from M to L

Code F2 displayed:
- This is the protection mode of overloaded fan. Please turn it off and restart it after 30mins。

Code F3 displayed:
- This is the protection mode of frequent working compressor. Please turn it off and restart it after 30 minutes.

Code F4 displayed:
- That means compressor is overloaded or working at a low speed. Please turn it off and restart it after 30mins。

Code F5 displayed:
- This is the protection code of overheated compressor module. Move it to a ventilated area, turn it off and restart it after 30mins。

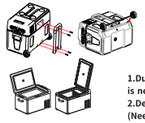
Code F6 displayed:
- No parameter can be detected by the controller. Please restart it. If the code shows again, please contact with after-sale workers。

Code F7 or F8 displayed:
- This is the erroneous protection code of temperature sensor. Please check the sensor terminal。

Operating Description — Panel of different models (Photos are for reference only)

A A25/A30/A40/A50/A75/C25/C30/C40/C50/C75/C9/C12/C15 B15/T15/C20/B20/CX30/CX40/CX50/CF8/NX42/NX52/NX62

- Press button to switch ON/OFF.
- Press + or − for temperature setting。
- Press setting and choose ECO(Energy-saving) or MAX(Fast cooling). Factory setting is MAX.
- Long press for three seconds. When H flashes on the screen, select three battery protection modes H(High), M(Middle) and L(Low) by pressing setting button again.Factory setting is H.
- APP type: Press setting button after AP is displayed on the panel when connecting with APP by bluetooth
- Turn off the fridge then long press the SET button until displays E1, press the SET button until displays E5, press + or − to select Celsius or Fahrenheit.



Handle and wheels of CX series can be removed if not needed.

1.Dual door of C series: Cross screwdriver is needed to adjust door direction
2.Detachable to adjust inner space (Need separate purchase)

B C15 Extreme version

- Press button to switch ON/OFF. • Press ▲or ▼for temperature setting。
- Press setting and choose ECO(Energy-saving) or HH(Fast cooling).Factory setting is HH.
- Long press for three seconds. When H3 flashes on the screen, select three battery protection modes H3(High), H2(Middle) and H1(Low) by pressing setting button again.Factory setting is H3.
- Indicator light: Power light in red(Compressor shutdown or delay start), Power light in green(Compressor is working); ECO/MAX light in red(Fast cooling mode), ECO/MAX light in green(Energy saving mode).

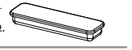
C CF35/CF45/CF55/NCF35/NCF45/NCF55

- Press button to switch ON/OFF. • Press ▲or ▼for temperature setting。
- Press setting and choose ECO(Energy-saving) or MAX(Fast cooling). Factory setting is MAX.
- Long press for three seconds. When H flashes on the screen, select three battery protection modes H(High), M(Middle) and L(Low) by pressing setting button again.Factory setting is H.
- Turn off the fridge then long press the SET button until displays E1, press the SET button until displays E5, press ▲or ▼to select Celsius or Fahrenheit.

D FC15/C22/B22/G22/MK18/MK25/K18/K25

- Press button to switch ON/OFF.Long press for three seconds to unlock.
- Press +or−for temperature setting。
- Press setting and choose ECO(Energy-saving) or MAX(Fast cooling). Factory setting is MAX.
- Long press forthree seconds. When H flashes on the screen, select three battery protection modes H(High), M(Middle) and L(Low) by pressing setting button again.Factory setting is H.
- APP type: Press setting button after AP is displayed on the panel when connecting with APP by bluetooth
- Turn off the fridge, long press the button display C/F to select Celsius or Fahrenheit with + and − button.

Ice cube tray is equipped for C22/B22.

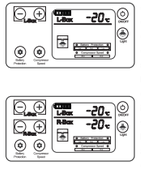


E TW75/TW95/TWW75/TWW95/TW35/TW45/TW55/TW115

- Press button to switch ON/OFF.
- Press to choose ECO and MAX under running state

Long press to choose: H/M/L
- When both compartments are set to active in running state, press + or −to enter left zone setting mode, press to switch left/right temperature setting mode. Press + or − to adjust temperature, long press to adjust continually.
- Under running state, long press + and for three seconds to turn on or turn off left zone, long press − and for three seconds to turn on or turn off right zone. Note: Two zones cannot be set to turn off.
- Under running state, long press to enter to parameter setting, E1 is displayed. Press to switch E1-E2-E3…-EE, press + or − to adjust the parameter, E1-E2-E3…-EE is displayed on left panel, parameter displayed on right panel, long press + and − for three seconds under running state to enter to factory setting, switch to E5 press + or − to select Celsius or Fahrenheit.

F BD45/BD60/BD75/BCD80/BCD100/BCD125



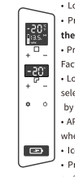
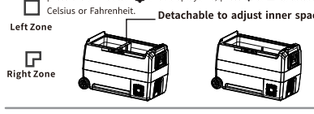
- Press button to switch ON/OFF.
- Light button
- Press + or – for temperature setting.
- Press setting button (Compressor Speed) and choose ECO(Engery-saving) or MAX(Fast cooling), Factory setting is MAX.
- Long press setting button (Battery Protection) for three seconds. When H flashes on the screen, select three battery protection modes H(High), M(Middle) and L(Low) by pressing setting button again. Factory setting is H.
- L-Box is the left zone; R-Box is the right zone。

+ − of both left and right zone are used to adjust temperature respectively.

G C10

•Under the cooling mode, press the button + or − to enter the preset temperature state. The previous preset temperature (or preset temperature before power off) starts to flash at 2Hz (Means that the second press of button will start to adjust the temperature, this is very important, avoid mistake press); Each time press the + or − button, the temperature is adjusted upward or downward from the previous preset temperature; if keep pressing + or − , the temperature will be adjusted at a speed of 4 °C/S (non-jump); If stop pressing any button within 4 seconds, the preset temperature state will be exited, and the current cabinet temperature will be displayed. The value just set will be the current preset temperature.
- Press the button cool/stop for 1 second, the refrigerator switches between the cooling mode and the standby mode;
- Press the button hot/stop for 1 second, the refrigerator switches between the cooling mode and the standby mode;
- In the cooling mode, the hot/stop button is disabled; in the heating mode, the cool/stop and + , − buttons are disabled.
- In standby mode, keep pressing + and − for 5 seconds to enter battery protection setting mode, press + or − to set high, medium and low battery protection.
- In the cooling mode, temperature range: -20°C~20°C, in the heating mode, temperature range: +50°C

H T36/T50/T60



- Long press button for three seconds to switch ON/OFF.
- Press + or − for temperature setting.⚠**The setting temperature of the left zone must not be lower than that of the right zone.**
- Press setting and choose ECO(Energy-saving) or MAX(Fast cooling). Factory setting is MAX.
- Long press for three seconds. When H flashes on the screen, select three battery protection modes H(High), M(Middle) and L(Low) by pressing setting button again. Factory setting is H.
- APP type: Press setting button after AP is displayed on the panel when connecting with APP by bluetooth
- Icons under the screen: ☐ Left Zone: ◪ Right Zone
- Press upper + −at the same time for three seconds to switch on/off the left zone.
- Lower screen is off after removing the divider (two zones merged) and temperature control can be done by upper screen only.
- Turn off the fridge then long press the SET button until displays E1, press the SET button until displays E5, press + or − to select Celsius or Fahrenheit.