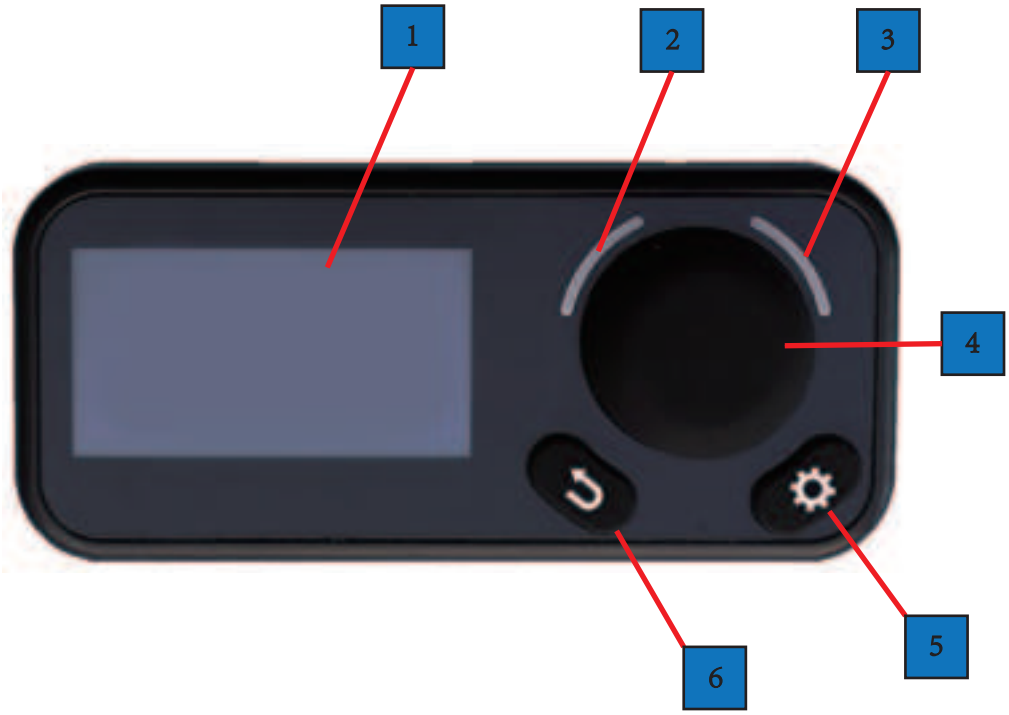
Instruction Manual

1.54 inch OLED Panel

(Suitable for fuel stoves)

1.54 inch OLED panel	
1	OLED display screen
2 3	LED indicator
4	Knob & Confirm button
5	Set button
6	Back button



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1.DISPLAY

- After power-on, the panel enters the connecting state.
- After the connection is completed, the panel enters the working interface

(working interface)

●The screen display content

12:00:00 Icon → The current time is 12 o'clock, 0 minutes and 0 seconds.

Icon → Variable Heat mode

P5 Icon → Cooking level is P5

ON Icon → The fuel stove is turned on

Icon → Bluetooth is connected

1.On the working interface, long press the confirm button to turn on or off the fuel stove.
2.Long press: Press time >1.5 seconds
3.Short press: Press time <1.5 seconds

1.1 TWO OPERATING MODE

→ Variable Heat mode

→ Thermostat Mode

1.2 MODE SETTINGS

- **Enter the mode settings**
  - Under the interface (working interface) short press the confirm button
- **Change selection mode**
  - Rotate the knob to change selected mode
- **Confirm selection mode**
  - Short press confirm button
- **Exit selection mode**
  - Short press the back button

1.3 LEVEL ADJUSTMENGT

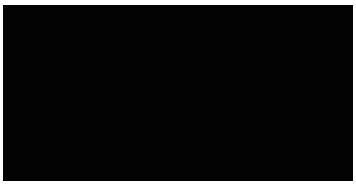
	●Warm air level range（P1-P7） · P1 is cooking minimum power · P7 is cooking maximum power ●Intensity Adjustment · Rotary knob
	●Temperature setting range（5℃-35℃） · 5℃ is the minimum room temperature · 35℃ is the maximum room temperature ●Temperature setting adjustment · Rotary knob

1.4 FUEL STOVE STATE

	● State · The fuel stove is turned on ● Settings · Short press confirm button to enter the mode settings · Long press the confirm button to turn off the fuel stove
	● State · The fuel stove is Shutting Down. · (OFF Flashing) ● Settings · Short press confirm button to enter the mode settings · Long press the confirm button to turn on the fuel stove · Short press back button to enter the time display
	● State · The fuel stove is turned off. ● Settings · Short press confirm button to enter the mode settings · Long press the confirm button to turn on the fuel stove · Short press back button to enter the time display

1.Long press: Press time >1.5 seconds
2.Short press: Press time <1.5 seconds

2 STANDBY AND TIME



- **State**
  - Standby (screen off)
- **Settings**
  - Press any key to exit standby mode

- **Current interface**
  - Time Display
- **Turn on and off standby mode**
  - Long press set button
- **Enter the working interface**
  - Short press back key
  - Short press confirm button

Icon → Bluetooth is connected

Icon → Standby is turned off

After the fuel stove is turned off and there is no operation within 20 seconds, the control panel will automatically switch to the time display. If the standby is turned on, it will enter the standby mode 20 seconds later

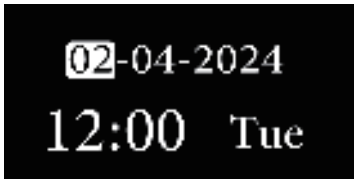
3.SYSTEM SETTINGS

- **Enter System Settings**
  - Short press set button
- **Switch Setting Options**
  - Rotary knob
- **Exit System Settings**
  - Short press back key

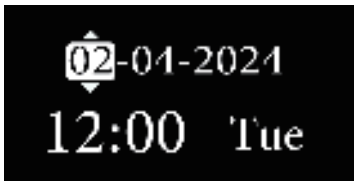
Attention: To ensure safety, when the fuel stove is working, the control switch cannot enter the system settings.

3.1TIME SETTING

- **Current setting options**
  - Time Setting
- **Enter the time setting**
  - Short press confirm button
- **Switch setting options**
  - Rotary knob



- **Time setting**
  - The time is displayed in 24-hour format
  - The time parameters that can be set include year, month, day, hour and minute.
- **Enter the time parameters settings**
  - Short press confirm button
- **Switch time parameters options**
  - Rotary knob



- **Time parameters settings**
  - "The day of the week" is automatically calculated and does not need to be set.
- **Confirm time parameters**
  - Short press confirm button
- **Time parameters adjustment**
  - Rotary knob
- **Exit time setting**
  - Short press the back button

When setting the time, the "seconds" do not appear on the interface.
When confirming the time parameter settings, the "seconds" will be reset to zero.
The time has no memory function, and when the power is cut off, the time will return to the default.

3.2 BLUETOOTH SETTINGS

	● Current setting options · Bluetooth Setting ● Enter the bluetooth settings · Short press confirm button ● Switch setting options · Rotary knob
	● Current selection status · ON ● Confirm bluetooth settings · Short press confirm button ● Exit bluetooth settings · Short press the back button
	● Current selection status · OFF ● Confirm bluetooth settings · Short press confirm button ● Exit bluetooth settings · Short press the back button

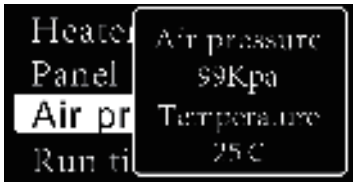
Bluetooth Settings have memory function, will not change when the power is cut off

3.3 SOUND SETTINGS

	● Current setting options · Sound Settings ● Enter sound Settings · Short press confirm button ● Switch setting options · Rotary knob
	● Current selection status · ON ● Confirm sound settings · Short press confirm button ● Exit sound settings · Short press the back button
	● Current selection status · OFF ● Confirm sound settings · Short press confirm button ● Exit sound settings · Short press the back button

Sound Settings have memory function, will not change when the power is cut off

3.4 INFORMATION

	● Current setting options · Information ● Enter information options · Short press confirm button ● Switch setting options · Rotary knob
	● Current display · select the information option ● Switching information options · Rotary knob ● Enter the option · Short press confirm button
	● Current information display · Heater information ● Exit Heater information display · Short press the back button · Short press confirm button
	● Current information display · Control Panel Information ● Exit control Panel Information display · Short press the back button · Short press confirm button
	● Current information display · Atmospheric pressure information ● Exit atmospheric pressure information display · Short press the back button · Short press confirm button
 （Figure 1）	● Current information display · Heater information ● Exit heater information display · Short press the back button · Short press confirm button

3.5 LANGUAGE SETTINGS

	● Current setting options · Language setting ● Enter language settings · Short press confirm button ● Switch setting options · Rotary knob
	● Current selected language · Chinese ● Confirm language settings · Short press confirm button ● Exit language settings · Short press the back button
	● Current selected language · English ● Confirm language settings · Short press confirm button ● Exit language settings · Short press the back button

Language Settings have memory function, will not change when the power is cut off

3.6 TEMPERATURE SCALE

	● Current setting options · Temperature scale setting ● Enter temperature scale settings · Short press confirm button ● Switch setting options · Rotary knob
	● Current selected temperature scale · Centigrade ● Confirm temperature scale settings · Short press confirm button ● Exit Temperature scale settings · Short press the back button
	● Current selected temperature scale · Fahrenheit ● Confirm temperature scale settings · Short press confirm button ● Exit temperature scale settings · Short press the back button

Temperature scale Settings have memory function, will not change when the power is cut off

3.7 FUEL PRIMING FUNCTION

(Figure 2)

● Start:

Under the "Figure 1" interface

1.Long press the Back and Set buttons

2.When it appears (**Figure 2**), press confirm

● Exit

- Short press the back button
- Automatically exit if it exceeds 3 seconds

● Current state

- Priming

● Time regulation

- Rotary knob

● Exit

- Short press the back button
- Long press confirm button

Prime Fuel 90 seconds, the default time automatically quit the end of the countdown

4.COMMUNICATION AND FAULT

- Communication status
  - When communication is abnormal, a prompt will appear
- Fault state
  - When a fault occurs, the fuel stove enters the fault lock state
  - Long press confirm button, quit the locking state, fuel stove is closed

4.1 IN CONNECTION

- status
  - Panel initialization and communication with fuel stove

If the panel fails to communicate with the fuel stove, The panel enters the "No connection" state

4.2 NO CONNECTION

- status
  - Communication with fuel stove failed
- Settings
  - Short press any keys back to initialize

When the "No Connection" state appears, please check the communication cable first.

4.3 COMMUNICATION DISCONNECT

- **Work Status**
  - Communication between panel and fuel stove is disconnected
- **Exit**
  - Communication recovery automatically exits

- **Status**
  - Communication between panel and fuel stove is disconnected
- **Exit**
  - Communication recovery automatically exits

When the Disconnected state appears, check the communication cable first

4.4 FAULT

- **Display**
  - Fault state
  - Fault code 31
  - Fault cause （Undervoltage）
- **Exit**
  - Long press confirm button, exit the fault state

After exiting the fault state, please wait until the fuel stove is completely turned off before restarting the fuel stove. Otherwise, the fuel stove may not exit the fail-lock state

5.LED INDICATOR

●LED indicator

· You can know the current working status by observing the LED indicator

●Display and status

· The following lists the corresponding states of different LED displays

Work Status	LED display
Initialize	Blue light
Disconnect	Blue light flashing
Operating	Green light
Shutting Down	Red light
Fault	Green light flashing

6.BLUETOOTH AND UPGRADES

● Bluetooth

- Bluetooth support, can use the (BLF) APP connection control on smart devices
- To use the Bluetooth function, please refer to the user manual of the (BLF) APP

6.1 BLUETOOTH

● Display

- Bluetooth connected

● Function

- Modifying Bluetooth Name
- Time Synchronization
- Check fault
- Remote upgrade

6.2 UPGRADES

● Display

- Upgrading

● Function

- Panel upgrade
- Fuel Stove upgrade

● Exit

- Automatic exit when the upgrade is complete

7. INSTALLATION

- Installation Notes:
  - The control switch must be installed in the vehicle in accordance with the corresponding technical specifications for vehicle control.
- Safety Information:
  - Find a suitable mounting surface within the driver's field of vision to fix the control switch.
  - Do not use high-voltage devices unless the electronic circuit (PCB board) has been disconnected.
  - If welding is required on the vehicle, do not connect the DC power supply to the control switch. Welding will cause serious damage to the switch.
  - Do not shorten the original control lead wire. When installing this control switch, the vehicle power supply must be turned off.
  - This control switch shoule be installed in the waterproof and moisture-proof location.

7. 1 INSTALLATION LOCATION

- Installation Location:
  - The control switch should be installed in the location easy to read and operate
  - The opening size of control switch is 16mm×22mm, refer to "Figure 3"

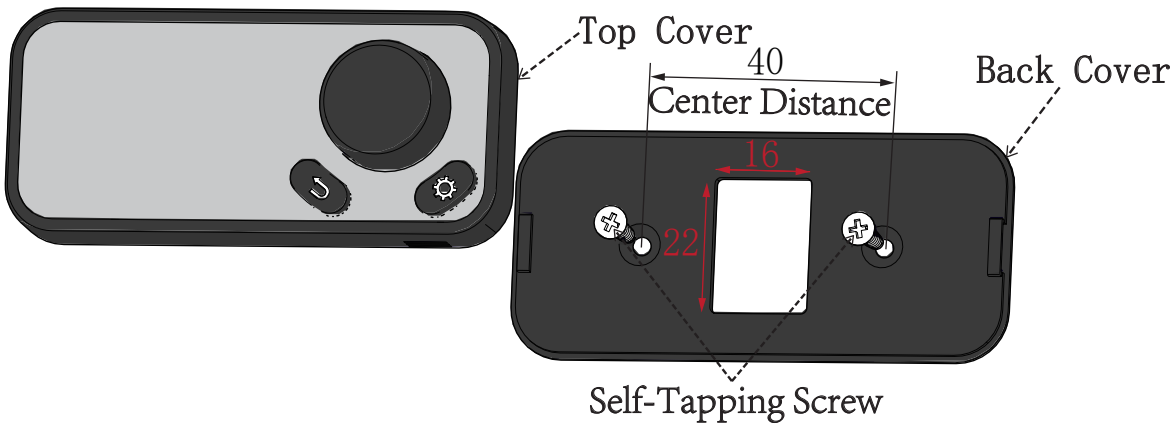


Figure 3

(The dimensions are in millimeters and are not to scale)

7.2 INSTALLATION STEPS

●Installation steps:

1.Clean the installation opening and surface firstly to ensure that the installation surface is smooth and clean without dust and water mist.

2.Insert the tapping screw into the mounting surface as shown in Figure 3, and fix the back cover on the mounting surface.

3 Insert one end of the control switch lead wire into the PCB board terminal as shown in Figure 4, and the other end through the back cover and installation opening as shown in Figure 3.

4.Finally, press the top cover firmly onto the back cover as shown in "Figure 5".

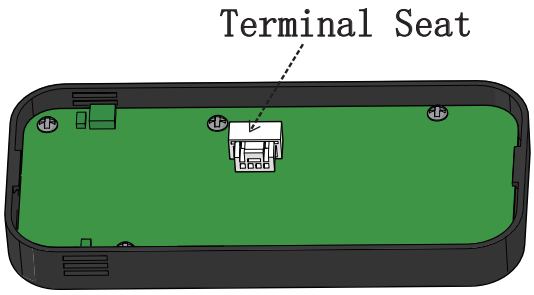


Figure 4

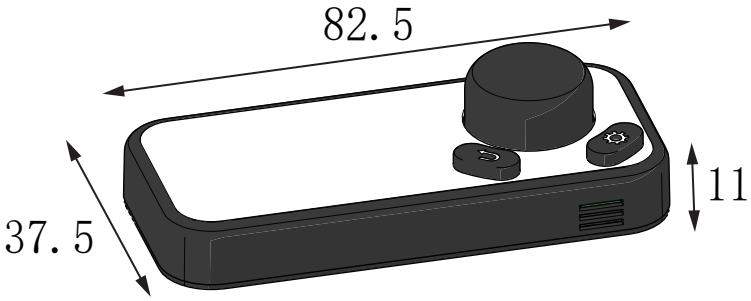


Figure 5

⚠ Do not make any tensile stress to the control switch lead wire.

⚠ Pull out the the control switch lead wire during the heater working process is forbidden,once the plug at both ends of the lead wire falls off from the control switch or controller, it will cause the heater heating interruption and failure.