K007TFT Screen Bluetooth Switch User Manual

1. Button Functions

=> Press and hold to turn the heater on and off

=> On the main screen, short press to enter the menu page; on the menu page, short press confirms the setting, long press to return

=> On the main screen, short press to increase the operating temperature or oil level; on the menu page, short press to increase the parameter

=> On the main screen, short press to decrease the operating temperature or oil level; long press to turn the voice prompt on and off; on the menu page, short press to decrease the parameter

2. Menu Page Function Introduction (Press OK to Enter the Menu Page)

2.1 Language Switching

Press the Up or Down button to select the corresponding language and country flag, and press OK to switch the language.

2.2 Mode Switching

To switch the temperature control mode, press OK to switch from automatic mode (AT) to manual mode (MT).

To switch the altitude measurement unit, press OK to switch from meters (M) to feet (FT).

To switch the temperature measurement unit, press OK to switch from Celsius (℃) to Fahrenheit (℉).

For the automatic start and stop function, short press OK button to turn on/off ON <=> OFF

Note: The automatic start/stop function automatically turns on when the ambient temperature is 2 degrees Celsius or more below the set temperature and automatically shuts down when the ambient temperature is 1 degree Celsius or more above the set temperature. When the automatic start/stop function is enabled, the automatic start/stop icon displays when the machine is on and when the machine is off.

For the extreme heat mode function, short press OK button to turn on/off ON <=> OFF

Extreme Heat Mode: When enabled, the machine automatically increases the oil pump and adjusts the air-to-oil ratio, allowing for rapid heating.

2.3 Remote Control Pairing

Depending on the remote control type, press the Up or Down button to select the corresponding remote control icon, and press OK to start pairing. The remote control icon will flash. Press the power button on the remote control to connect. After successful connection, the remote control icon on the switch will light up.

2.4 Manual Fuel Pumping

Display Off Display On

Short press the Up button to start manual fuel pumping; short press the Down button to stop.

Note: Fuel pumping stops when it reaches the inlet. Excessive fuel entering the machine will cause black smoke when starting.

2.5 Timer Settings

If the switch is not connected to Bluetooth, first press the down key to select the time calibration icon on the right, then press the OK key to enter the time calibration function, set the current clock/minute/second/week, press the OK key to confirm, and press and hold the OK key to return after the setting is completed

Then select the timer setting icon on the left, short press OK button to enter the timer power on/off time setting, short press the up or down button to select the day/time/whether to start/whether to cycle weekly to confirm, short press OK button, after setting is completed, long press OK button to return

Note: After the switch is connected to your phone's Bluetooth, the time will automatically calibrate. There is no need to manually calibrate the time before setting the timer. The timer settings on the switch are divided into three groups per day. For ease of operation, only one group of scheduled power on and shutdown settings is allowed per day. The other two groups of timer settings are not available.

2.6 Parameter Settings

Short press the up or down key to select a value, confirm by short pressing the OK key, and enter the four digit password 1688 in sequence

After entering the settings, short press the Up or Down button to select the parameter category you want to change.

Password => Voltage => Fuel Type => Ignition Power => Minimum Pumping Volume => Maximum Pumping Volume => Minimum fan speed => Maximum fan speed

Confirm by pressing the OK key. After completing the setting, press and hold the OK key to save the setting and exit.

2.7 Scan the QR Code to View the Operating Instructions

Press the OK key to enter and scan the QR code with your phone to get the instructions.

2.8 Carbon Monoxide Parameters

The first column is for the carbon monoxide alarm function. Press the OK key to turn it on and off.

The second column is for the alarm setting after a fixed duration of carbon monoxide exceeding the standard. Press the OK key to confirm the setting. Press the Up key to increase the duration or the Down key to decrease the duration. After the setting is successful, press and hold the OK key to save and exit the duration setting.

The third column is the carbon monoxide alarm limit setting. Short press the OK button to confirm the setting, short press the up button to increase the value, or short press the down button to decrease the value. After the setting is successful, long press the OK button to save and exit

Fault Code	Machine Fault	Solution
E-01	Power Supply Undervoltage	Insufficient Power Supply Voltage Need to increase the power supply voltage
E-02	Power Supply Overvoltage	Power Supply Voltage Too High Need to reduce the power supply voltage
E-03	Glow Plug Fault	Check if the piston is open circuit or short circuit
E-04	Fuel Pump Fault	Check the fuel pump and wiring harness Check if there is a broken wire or short circuit
E-05	Machine Overheat	Check the temperature sensor on the housing or if the fan speed is abnormal
E-06	Motor Fault	Check the polarity of the magnet, the position of the Hall sensor The position of the motor terminal is loose The motor is moving
E-07	Broken wire fault	Check the panel connection plug, blue The wiring harness is loose or broken
E-08	The flame is extinguished	Check whether there is air in the oil circuit or wax in the oil circuit, resulting in poor oil supply
E-09	Sensor failure	Check if the sensor plug is loose Activated, broken, or short-circuited
E-10	Ignition failure	Check if the oil circuit is blocked, or if the oil flow is poor, the oil pump is stuck, or the volatile network is blocked due to oil quality problems, which may cause the secondary ignition to fail normally Burn normally
E-11	Altitude sensor failure	Altitude sensor Fault
E-12	Inlet temperature sensor failure	Inlet temperature sensor Fault

E-13	Outlet temperature sensor failure	Outlet temperature sensor Fault
E-14	Carbon monoxide sensor failure	Change the carbon monoxide threshold

FCC Warnning:

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 againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.