# DZ06 Bluetooth Switch

# Air Heating Version Instructions



# Operation video

**Scan the QR code to watch the product's multi-language introduction video (with subtitle translation function)**

## The switch QR code comes with a tutorial, you can scan the code to view




## Sunster Neo Bluetooth APP download

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## 1. Key functions

**On/Off key**⇨ Long press to turn on/off

**Up key**⇨ In the main interface, adjust the temperature or oil level up, and in the function interface, adjust the setting parameters up.

**Down key**⇨ In the main interface, adjust the temperature or oil level down, and in the function interface, adjust the setting parameters down.

**Setting Key**⇨ Short press to enter/exit the function selection interface, and return to the previous option/interface in each function interface.

**OK button**⇨ Function selection interface/setting interface, short press to enter the next parameter setting

## 2.Function selection

(short press the **setting key** to enter the function selection interface, press the **up/down key** and the **OK button** to select a function)

- **Language Switching**
- **Mode Switching**
- **Remote control pairing**
- **Manual oil pump**
- **Timing settings**
- **Parameter settings**

## 3.Language Switch Description

Select Mode Switch on the function selection interface, short press the **OK button** to enter the language switching interface, short press the **Up/Down button** to switch the corresponding language country flag, and short press the **OK button** to confirm after the selection is completed. The setting is complete.

## 4.Mode switch description

Select mode switch in the functionselection interface, short press the **OK button** to enter the mode switch interface.

4.1 Switch the temperature control mode, short press the **OK button** to switch, **MT manual temperature control** (adjust the display gear), **AT automatic temperature control** (adjust the display temperature), the difference between the two temperature control modes is that the automatic mode pump oil volume can reach the maximum value of the parameter setting, the machine is hot, the manual mode pump oil volume is limited to the current setting value, and will not reach the maximum oil volume value of the parameter setting. The gears are clearly defined to take into account the usage habits of some veteran drivers.

4.2 Switch the height measurement unit, short press the **OK button** to switch, according to different usage habits, you can switch **M (meter) or FT (foot)**

4.3 Switch the temperature measurement unit, short press the OK button to switch, according to different usage habits, you can switch **℃ (Celsius) or ℉ (Fahrenheit)**

4.4 Turn on or off the automatic start and stop function, short press the **OK button** to turn it on or off, turn it on and it will display **ON**, turn it off and it will display **OFF**.

4.4.1 **Note!** The automatic start-stop function can only be used after the machine is turned on normally. After turning on the automatic start-stop function, the machine temperature control mode will automatically switch to AT automatic temperature control. If the automatic start-stop function is turned on and switched to MT manual temperature control, the automatic start-stop function will be automatically turned off.

4.4.2 **Note!** The automatic start-stop function is defined as when the set temperature is 1℃ higher than the ambient temperature and above 1℃, the machine automatically turns on; when the set temperature is 2℃ lower than the ambient temperature and below 2℃, the machine automatically turns off.

4.4.3 **Note!** When the automatic start-stop function is turned on, when the machine automatically turns off, the automatic start-stop sign will be displayed on the switch or the mobile phone Bluetooth APP status bar will show the standby state, indicating that the machine is not completely turned off at this time, and it will automatically turn on after the ambient temperature rises. If you need to completely turn off the machine, press and hold the power button on the switch to make the automatic start-stop sign on the switch disappear or the mobile phone Bluetooth APP shows the shutdown state.

4.5.Turn on or off the extreme heat mode, short press the OK button to turn it on or off, turn it on and it will display **ON**, turn it off and it will display OFF.

## 5.Remote control pairing describe

Select remote control pairing in the function selection interface, short press the **OK button** to enter the remote control pairing interface, and short press the switch **up/down button** to switch the remote control type. Short press the remote control **ON button** to send the remote control code. If the code pairing is successful, it will automatically exit the remote control pairing interface. If the code pairing fails, it will not enter the power-on state. If the remote control code is not received within the
timeout period, it will automatically exit the code pairing state

## 6.Manual Pump Oil Description

Select the manual oil pump in the function selection interface, short press the **OK button** to enter the manual oil pump interface.In the manual oil pump interface, short press the **up button** to start fuel filling, and short press the down button to stop fuel filling. When fuel filling is turned on, the sound of the oil pump can be heard. In addition, the process of emptying the pipeline air needs to be observed by someone. When the oil reaches the oil inlet position of the machine, short press the **down button** to stop. Too much fuel enters the

machine, and black smoke will be produced when ignited.

## 7.Timer power on/off setting description

Select the timer setting on the function selection interface, and short press the **OK button** to enter the timer setting interface. The icon on the left is the timer time setting, and the icon on the right is the time calibration setting. After the switch is connected to the mobile phone Bluetooth, you can directly enter the timer time setting, and the time calibration setting will be automatically updated. If the switch is not connected to the mobile phone Bluetooth, you need to enter the time calibration setting on the right icon before entering the timer time setting to manually calibrate the current time. After entering the timer time setting, you can use the **up/down keys** to select the day of the week. After the selection is completed, short press the **OK button** to confirm and enter the specific time setting (currently only one group is open). At this time, you can switch the setting target by short pressing the **OK button** (respectively, the tens digit of the hour of the timed start-up -> the units digit of the hour -> the tens digit of the minute -> the units digit of the minute -> whether to turn on -> whether to execute cyclically -> the tens digit of the hour of the timed shutdown ->...). If the setting is

completed, you can short press the setting button twice to exit the timed power on and off interface to complete the setting

## 8.Parameter Setting Description

Select parameter setting on the function selection interface, short press the **OK button** to enter the parameter setting interface. Adjust the value by shortpressing the **up or down button**, confirm the value by short pressing the **OK button**, enter the four-digit password "**1688**", after the password is entered correctly, jump to the page, and select the parameters to be adjusted in turn.

**Password** ⇨ **Voltage** ⇨ **Fuel type** ⇨ **Ignition power** ⇨ **Minimum pump oil volume** ⇨ **Maximum pump oil volume** ⇨ **Minimum fan speed** ⇨ **Maximum fan speed**

## 9. Fault codes and solutions

| Fault Codes | Machine failure | Treatment |
|---|---|---|
| E-01 | Power supply undervoltage | The supply voltage is insufficient and needs to be increased. |
| E-02 | Power supply overvoltage | The supply voltage is too high. You need to reduce the supply voltage. |
| E-03 | Glow plug failure | Check if the ignition plug is open or short-circuited |
| E-04 | Oil pump failure | Check whether the oil pump and wiring harness are broken or short-circuited. |
| E-05 | Machine overheating | Check the temperature sensor on the housing or whether the fan speed is abnormal. |
| E-06 | Motor failure | Check the magnet polarity, Hall sensor position, or loose motor terminals |
| E-07 | Disconnection failure | Check the panel connection plug, the blue harness is loose or broken |
| E-08 | Flame extinguished | Check whether there is air or wax blockage in the oil circuit, which leads to poor oil supply. |
| E-09 | Sensor failure | Check if the sensor plug is loose, broken or short-circuited. |
| E-10 | Ignition failure | Check whether the oil circuit is blocked, or the oil inlet is not smooth, the oil pump is stuck, the oil quality problem causes the volatile net to be blocked, etc. |
| E-11 | Altitude sensor failure | Altitude sensor malfunction |
| E-12 | Inlet air temperature sensor failure | The air inlet temperature sensor is faulty |
| E-13 | Outlet air temperature sensor failure | The air outlet temperature sensor is faulty |