

OPERATION GUIDE



PI THERMO CONTROL PANEL | Stoves 800 DSL, 85 DT, Nordic DT, XC Duo

Please Refer to Manual for Full Operation and Maintenance Instructions at wallas.com

IGNITION

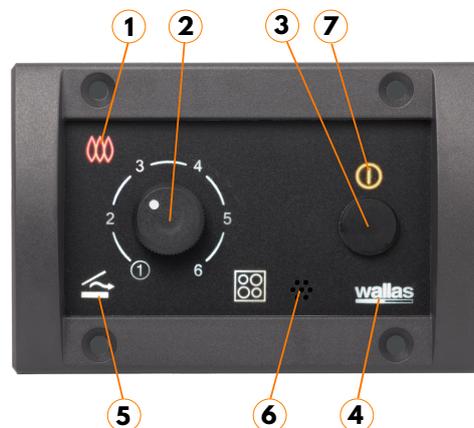
Press the **Power Button** for 3 seconds until the yellow power light will come on. When you release the button, the yellow heating light will appear.



Red combustion light will light up when the burner flame has been ignited and the combustion has stabilised (approx. in 5 min). Stove will be fully operational about 10 min later.



Stove is set to always start in Manual Mode ready for cooking.



1. Combustion indicator
2. Temperature / Power knob
3. Power button
4. Power indicator
5. Thermostat/blower lid indicator
6. Thermostat sensor
7. Heating indicator

COOKING

In Manual Mode, turn the **Temperature/Power Knob** to max. level 6 and begin cooking. Adjust it to a lower temperature, if needed, as you would a domestic stove.



When Manual Mode for cooking is on, the orange Thermostat light is off.



Temperature Chart for the thermostat in heater in PI Thermo Mode for stoves with heater blower lid:	1: ~ 5 °C (~ 41 °F)
	2: ~ 11 °C (~ 52 °F)
	3: ~ 17 °C (~ 63 °F)
	4: ~ 23 °C (~ 73 °F)
	5: ~ 29 °C (~ 84 °F)
	6: ~ 35 °C (~ 95 °F)

HEATING WITH BLOWER LID

(STOVES WITH BLOWER LID)

Once the stove is fully ignited, lower the blower lid down until it locks and the device will begin to blow warm air for cabin heating.

PI Thermo Mode: Set a target temperature (C°/F°)
Manual Mode: Control heating power with knob

Rotate the **Temperature/Power Knob** to the desired temperature in PI Thermo Mode (refer to temperature chart above) or control heating power with knob in Manual Mode.



Switch between modes by turning the **Temperature/Power Knob** back and forth to min - max - min.



To switch back to cooking, unlock the lid and push it back to upward position. Make sure the stove is in Manual Mode before cooking.

Stove does not operate correctly if it is left in PI Thermo Mode.

When the PI Thermo Mode is chosen, the orange thermostat/blower lid light is on.



In Manual Mode, the light is off.



SHUTDOWN

Press the **Power Button** down for 2 seconds. Yellow heating light will shut off immediately.



Red combustion light will continue to flash for about 5 minutes, while the stove is cooling down. Unit cannot be restarted until the cool down is completed.



HIGH ALTITUDE MODE

When the device is used 1500 m (4,900 ft) above sea level, it is necessary to activate the High Altitude Mode to adjust the combustion.

Start the stove by holding the **Power Button** down for 10 seconds.



Yellow heating light will flash 3 times and then change to a solid yellow light. High Altitude Mode is now on and the stove has started the ignition process.



SUN SWITCH (IN PI THERMO MODE)

Sun Switch automatically turns the heater blower lid off if the room temperature remains +3 C (37 F) above the set level for 1/2 hour due to temperature increase in local ambient conditions.

Orange thermostat light will begin to flash every 30 seconds.



Turn the **Power Knob** slightly to turn the Sun Switch off temporarily.



If heating is still needed, turn the device back on manually.

see ignition

PANEL LIGHTS

		Heating on
		Heating on in High Altitude Mode
		Combustion has begun/is running
		Cooldown/Flameout
		Set temperature on heater is higher than cabin temperature - power is increasing
		Set temperature on heater is lower than cabin temperature - power is decreasing
		Sun Switch has shut down the device
		Low voltage (usually about 15 sec after initiating start)
		Overheat
		Reminder indicating there was a fault after fault code flashed for 5 min
		Locked for security The device locks itself after two unsuccessful starts

Reach Out to a Wallas Professional for the Following:

		Glow Failure
		Combustion Air Blower Fault
		Main Blower Fault

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UNLOCKING THE UNIT

If the unit has locked itself, the combustion light (1) and the heating indicator light (7) will flash signaling there has been a failure that should be investigated and resolved prior to further use. Lights will flash for about 5 min.

- 1) While the lights are still flashing, switch the main power off from the battery (Pull power plug, remove the fuse, open breakers, or in-line switch).
- 2) Wait for 5 sec. and switch the main power back on.
- 3) Press Power Button (3) for more than 3 seconds to shut down the unit.
- 4) Restart the unit normally.



See instructional video to unlock