Herschel XLS heating controls
T-PL Plugin Wifi Thermostat

Installation and user manual

Compliance

Herschel Infrared Ltd hereby declares that the T-PL wireless thermostat type radio equipment complies with Directive 2014/53/EU. The full text of the EU declaration of conformity is available here.

UK CA CE

Technical Information

Power Supply: AC 120-240V
Installation: Plug into the AC outlet
Set range: 5-37°C
Protection class: IPX0
Wireless: 433 Mhz (RF) and 2.4 GHz (WiFi)
Wireless range: 35 m
Accuracy: +/- 1°C
Energy saving: when used with the Smartlife app:

  - 7-day program,
    4 periods / day
  - Open Window detection
  - Works with Alexa and Google

Warranty: 2 years
Certifications: CE, RoHS, EMC, RED, LOT20

Safety

Use in accordance with European and national regulations. For indoor use only. Keep your device completely dry. This product must be installed by a competent person and in accordance with all European and national regulations.

⚠️ Always isolate AC power before installing or working on components that require 230 V AC 50 Hz.

This unit is rated IPX0 and should be installed outside of splash areas in bathrooms.
Please read these instructions carefully before installation and use. Keep in a safe place.

Notice of Ecodesign Compliance

When used without the Smartlife app, Herschel XLS Heaters controlled by this T-PL can only be used as portable heaters in well-insulated spaces and only for occasional use.

When used with the Smartlife app, Herschel XLS heaters controlled by this T-PL can be permanently installed as fixed electrical space heaters.

2-year warranty

Register your product in the Help and FAQ section of your local Herschel website.

Within two years from the date of purchase, Herschel will repair or replace the T-PL when the defect is due to defects in materials or workmanship. This warranty is for standard home use only and excludes commercial uses. In the event of a warranty claim, please visit the Customer Service section of the Herschel website and follow the warranty claim process. You will need proof of purchase.

Write down your serial number here.

Thermostat Wifi Plugin T-PL

Herschel T-PL is a plug-in thermostat designed to work exclusively with Herschel XLS heaters.

T-PL has manual temperature control with a 24-hour timer.

T-PL also has Wi-Fi capability so you can control your heating remotely via the Smartlife app or by voice command using Alexa or Google Assistant. Cloud backup of the heating schedule is provided when using the App. The addition of the Smartlife app also allows for a 7-day program with 4 periods per day.

All modes will operate your Herschel heater(s) by turning them on if the ambient temperature is below the desired temperature and turn them off once the desired temperature is reached or exceeded.

The T-PL can be paired with more than one heater, meaning that multiple heaters in the room can be controlled with the same T-PL thermostat.

Please read these instructions in conjunction with the instructions for the Herschel XLS panel.

This unit is rated IPX0 and should be installed outside of splash areas in bathrooms.

Instructions for use

Pairing the T-PL with the Heater

1. Double press the pairing button on the SMART-R box of the heater. The green pairing status LED will start flashing and the heater is ready for pairing.

2. Plug the T-PL into an available AC outlet and turn it off using the power button. ⏻ "OF" appears on the display.

3. Long press the pairing button "P" on the T-PL and the letter "P" will flash on the display.

4. When pairing is successfully complete, the green pairing status light on the SMART-R enclosure will turn solid green and the letter "P" on the display will disappear.

5. You shouldn't encounter any difficulties when pairing, but in case you do, make sure the T-PL and heater are within range of each other and try the above process again.

6. Press the power button on the T-PL to start using it to control the heater.

Manage your heating using your T-PL Control

Without the Smartlife app

When used <u>without</u> the Smartlife app, your T-PL controller will manage the temperature you set on the keypad (using the + and - buttons) 24 hours a day.

The T-PL has a 0-24 hour timer function that can be activated by pressing the Clock button. 🕒

Press the Clock button again to set the timer duration in hours (1 press = 1 hour, 2 presses = 2 hours, etc.). Once the time limit is reached, both the T-PL and the heater will be turned off, regardless of whether the set temperature has been reached.

Temperature calibration

If you want to adjust the temperature display to align this unit with another thermostat, press the "P" button for 5 seconds until the screen displays "Room 0°C" and use the + or - keys to adjust the upward or downward shift. (Adjusting upwards adjusts the T-PL if it is underreading compared to another thermostat. Adjusting down adjusts the T-PL if it is over-reading compared to another thermostat).

Using the T-PL without the Smartlife app makes it suitable only if the Herschel XLS heater is designed as a portable unit for occasional use in well-insulated rooms.

Child lock

Press and hold the "Power" button for 5 seconds to activate child lock and **"CL"** will show on the screen. Press and hold the "Power" button for 5 seconds to deactivate it.

Wifi reset

Press and hold the **WIFI** button for 5seconds to reset the WIFI connection mode.

Factory reset

Plug-in the thermostat, press the power button until screen shows **"OF"**, press and hold the **"Timer"** button until you hear a beep sound to reset to the factory mode.

Operating using the SmartLife app

When used with the SmartLife app, your T-PL controller becomes a smart thermostat with a 7-day schedule with 4 periods per day with the added benefit of allowing control of your heating even when you are not at home. The app also has a manual operation mode and a Holiday (away) mode.

Downloading and installing the Smartlife app

Scan the QR code to download the Smartlife app from the App Store or Google Play.

You can also search for "Smart Life" on Google Play or the App Store and search for that icon.

[Google Play] [App Store]

Smartlife App Notice:

The Smartlife app is constantly evolving and future versions may differ from these instructions that were correct at the time of printing. You can always find the most current version of the instructions by visiting the T-PL controller product page on the Herschel website, which links to the most recent instructions.
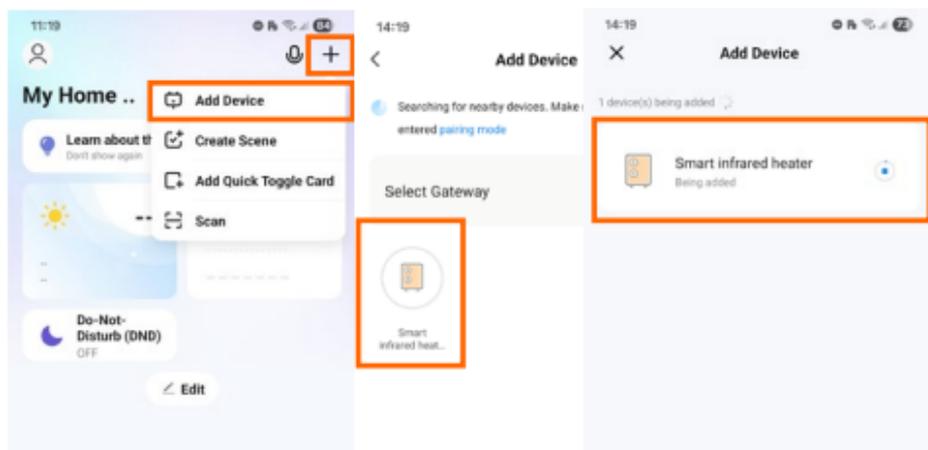
After installing and opening the SmartLife app, you must create an account using an email address and password and agree to the Terms of Service.

To add your T-PL controller

Turn off your T-PL and then long press the Wifi button until the Wifi icon on the screen flashes.

To add your T-PL controller

Turn the T-PL off using the power button. Long-press the WiFi icon until the on-screen Wifi symbol flashes quickly.

1) Open the Smart Life App, on the Home screen, tap '+' then tap 'Add Device'.

2) The T-PL should automatically appear, it will be named 'Smart infrared heater', simply tap this icon to begin pairing

3) You will be prompted to enter your WiFi information, please ensure this is a 2.4GHz WiFi network otherwise you may experience issues with pairing

4) Once confirmed the T-PL will begin pairing, once you see 'Added successfully, click 'Done' to finish pairing

5) To turn the T-PL back on, tap the power button on the App or on the thermostat itself

Operations available on the App

Give your T-PL a name and go to the main screen.

From the main display of the SmartLife app, you can access the following heating control functions on your T-PL.

Heating Functions

Power On/Off turns off T-PL and heating
Temperature override (orange circle with + and - buttons)
Manual operation
"Smart" operation (Program mode)
Holiday mode
Open Window Function
Energy Monitoring
Settings
Timer

Explanation of operating modes

Smart Mode

Your Herschel Select XLS heater works more efficiently when configured to operate on a schedule controlled by the T-PL thermostat. This program will always ensure that your room reaches the desired temperature at the time you want, every day of the week. This is represented by the "Smart" function on the App. So you'll usually want to set up and run the unit in Smart mode. To select Smart mode, tap the "Smart" icon on the app and set your program settings in "settings".

Manual mode

Selecting manual mode allows you to set and maintain a constant temperature that does not vary with the time of day. Once you have set a temperature using the manual mode, the T-PL will maintain that temperature until you give the T-PL another command. Select manual mode by tapping the "Manual" icon on the main app screen and change the temperature up or down using the + and - buttons.

Override

You can always override programmed or manual set temperatures to be higher or lower by using the + or - keys on the main app screen or T-PL keypad to change the temperature. When operating in smart mode, the T-PL will maintain the override temperature until the next programmed period (when the next programmed temperature will be set). In manual mode, the override temperature will remain set until you manually change it again.

Holiday mode

There is also a Holiday mode that allows you to save energy by setting a lower temperature while you're away. The Holiday mode has a day counter function allowing you to set the number of days of absence and return the heating to normal operation before your return. Select Vacation mode by tapping the "Vacation" icon on the main screen of the app. Select Days away using the slider and adjust the temperature of your vacation using the + or – buttons. We recommend that you end Holiday mode at least one day before you return to allow your home to warm up again.

Timer

The Smartlife app has a timer function identical to the timer function on the keypad. This function only works if the T-PL has been placed in "Manual" mode.

To use the timer, select the manual mode, then tap the "timer" icon and select the countdown time (1 hour, 2 hours, etc.). When the selected time has elapsed, both the T-PL and the heater turn off, regardless of whether the set temperature has been reached.

Settings

"Settings" on the App allow you to change program schedules and temperatures in Smart mode, setting Child Lock on or Off; enabling or disabling an audible beep when commands are performed on the unit.

Open window detection

This function detects if the temperature drops 3˚C in 15 minutes (i.e. a window has been opened) and will turn off the heater for 30 minutes to avoid wasting energy. You can enable this function under the Settings section.

Energy monitoring

After connecting to the App, you can constantly monitor the energy consumption of your heating system under the section "Energy saving statics"

"Settings" > "Energy Saving Statistics"

Device Details

You can edit other details about your T-PL in the App, turning on Alexa or Google Assistant or sharing control of your device with other family members by tapping the "3 dots" icon at the top right of the app's main screen.

If you start using Smartlife to control other smart home devices, you can also integrate your T-PL control into other smart home tasks that you set up in Smartlife from the Device Details screen.