

# Herschel XLS Heating Controls

## T-PL Plugin Wifi Thermostat

### Installation and operating instructions



## Compliance

Hereby, Herschel Infrared Ltd declares that the radio equipment type T-PL Wireless Thermostat is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

<https://www.herschel-infrared-technology-center.com/compliance/>



## Technical Information

Power Supply:	Mains 120-240V
Installation:	Plug into mains socket
Setpoint Range:	5-37°C
Protection Class:	IPX0
Wireless:	433Mhz (RF) and 2.4GHz (Wifi)
Wireless Range:	35m
Accuracy:	+/- 1°C
Energy Saving:	When used with Smartlife App: - 7 day program, 4 periods / day - Works with Alexa and Google
Warranty:	2 years
Certifications:	CE, RoHS, EMC, RED, LOT20

## Safety

Use in accordance with the EU 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 the EU and national regulations.



Always isolate the AC mains supply before installing or working on any components that require 230V AC 50 Hz mains.

This appliance is rated IPX0 and must be installed outside of the splash zones in bathrooms.

Please read these instructions carefully all the way through before installing & operating. Keep in a safe place.

## EcoDesign Compliance notice

When used without the Smartlife App, Herschel XLS heaters controlled by this T-PL may 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 may be installed permanently as fixed electrical space heaters.

## 2 Year Warranty

Register your product at the Help & FAQs section of your local Herschel website..

Within two years from date of purchase Herschel will repair or replace the T-PL where the fault is due to defects in materials or workmanship. This warranty is for standard domestic use only and excludes commercial uses. In the event of a warranty claim please visit the Customer Service area of the Herschel Website and follow the Warranty Claim process. You will need proof of purchase.

Note your serial number here.

## T-PL Plugin Wifi thermostat

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

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

T-PL also has Wifi capability to allow you to control your heating remotely via the Smartlife App or by voice control using Alexa or Google Assistant. Adding the Smartlife App also enables a 7 day program with 4 periods per day.

All modes will operate your Herschel heater(s) by turning them ON if the room temperature is lower than the desired temperature and will turn them OFF once the desired temperature is reached or exceeded.


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

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

This appliance is rated IPX0 and must be installed outside of the splash zones in bathrooms.

## Operating Instructions


### 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 to flash and the heater is ready for pairing.
2. Plug the T-PL into an available mains socket and switch it off using the power button.  "OF" is shown on the display.
3. Long-press the pairing "P" button on the T-PL and the letter "P" will flash on the display.
4. When pairing has completed successfully, the green pairing status LED on the SMART-R box will become a steady green and the letter "P" on the display will disappear.
5. You should not experience any difficulty in pairing, but in case you do, please ensure 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.

## Managing your heating using your T-PL Control

### Without the Smartlife App

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

The T-PL has a 0 – 24 hour timer function which 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.). After the time limit has been reached the T-PL and the heater will both be switched off regardless whether or not the setpoint 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 display shows “Room 0°C” and use the + or – keys to adjust the offset up or down. (Adjusting up adjusts the T-PL if it is under-reading relative to another thermostat. Adjusting downwards adjusts the T-PL if it is over-reading relative to another thermostat).

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

## Operation using the Smartlife App

When used with the Smartlife App, your T-PL controller becomes a Smart thermostat with 7 day program with 4 periods per day with the added benefit of enabling control of your heating even when you are not at home. The App also has a Manual operating mode and Holiday (away) mode.

### Downloading & Installing the Smartlife App

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



Alternatively, search “Smart Life” on Google Play or the App Store & look for this icon.



### Smartlife App notice:

The Smartlife App is constantly evolving and future versions may have some differences to these instructions which were correct at time of printing. You can always find the most up to date version of the instructions by checking the T-PL controller product page on the Herschel website, which links to the most up to date instructions.

After installing and opening the Smartlife App, you must register an account using an email address and password and accept the terms of use.

### To add your T-PL controller

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

Tap '+' top right of App



Select "Small Home Appliances" and then "Thermostats"



If this is your first thermostat you are adding you will be asked to enter your Wifi password.

You will not have to do this when you add subsequent thermostats to the App.



## Operations available on the App



Give your T-PL a name & access the main screen.

From the main screen of the Smartlife app, you can access the following heating control features on your T-PL.

- Power On / Off turns off the T-PL and the heater
- Temperature override (Orange circle with + and – buttons)
- Manual Operation
- “Smart” Operation (Program Mode)
- Holiday Mode
- Settings
- Timer

## Explanation of operating modes

### Smart mode

Your Herschel Select XLS heater works most efficiently when it is set up to run against a program controlled by the T-PL thermostat. This program will always ensure your room reaches the temperature you want at the time you want it, each day of the week. This is represented by the “Smart” function on the App. So usually you will want to set up and run the unit in Smart mode. To select Smart mode, touch 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 set a temperature using Manual mode, the T-PL will maintain this temperature until you give the T-PL another command. Select Manual mode by touching the “Manual” icon on the App main screen and alter the temperature up or down using the + and – buttons.

## **Override**

You can always override the Programmed or Manual set temperatures to be higher or lower by using the + or – keys on the App main 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). Under Manual mode, the override temperature will remain set until you change it again manually.

## **Holiday Mode**

There is also a Holiday mode which allows you to save energy by setting a lower temperature while you are away. The Holiday mode has a day-counter feature allowing you to set the number of days you are away and return the heating to normal operation ahead of your return. Select Holiday mode by touching the “Holiday” icon on the App main screen. Select Days away using the slider and set your holiday temperature using the + or – buttons. We recommend ending holiday mode at least one day before your return to allow your house to warm back up again.

## Other App functions

### Settings

“Settings” on the App allow you to change the Smart mode program schedules and temperatures.

### Timer

The Smartlife App has a timer feature identical to the timer feature on the keypad. This feature only works if the T-PL has been placed in “Manual” mode.

To use the Timer, select Manual mode and then touch the “Timer” icon and select the time to count-down (1 hour, 2 hours etc). When the selected time has elapsed, the T-PL and the heater will both be turned off, regardless whether or not the setpoint temperature has been reached.

### Device Details

You can alter other details about your T-PL including enabling Alexa or Google Assistant or sharing control of your device with other members of your family by tapping the “3 dots” icon at the top right of the App main screen.

If you begin to use Smartlife to control other Home Automation devices, then you can also integrate your T-PL control into other home automation tasks that you set up in Smartlife from the Device Details screen.