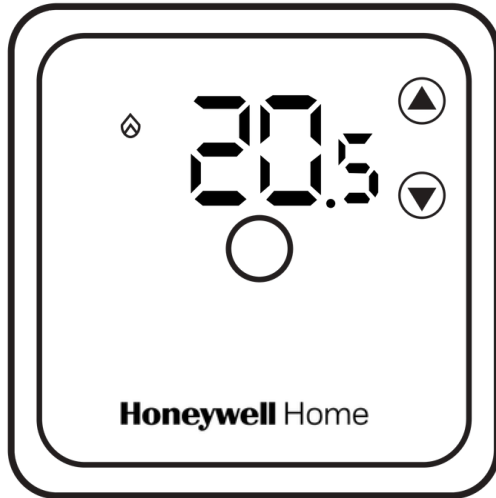


Lightwave



## Installation Manual

Honeywell Home  
Wireless Thermostat  
(DT3/DT3R/DT3M)

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# Installation Support

In this booklet you will find wiring diagrams and instructions on how to set up a Honeywell Home Wireless Thermostat (DT3/DT3R/DT3M)

For further guidance click on the links below:

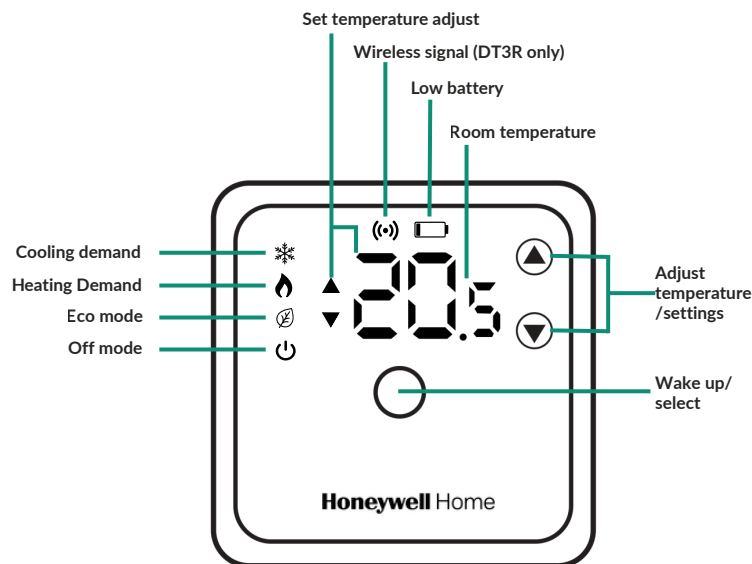
[Contact the technical support team](#)

[Contact a Lightwave Pro installer](#)

[Have a look at our website](#)

[Phone number: 0121 468 8987](#)

## General Information



### Warranty:

2-year standard warranty (from the date of purchase).

A lifetime warranty on the device is available if you are a Lightwave Plus member.

### Key Features:

Programmable heating schedules, manual temperature control, and a battery powered thermostat.

The installer menu includes additional settings such as LED display brightness.

The thermostat can be table standing or wall mounted, making it suitable for both new and replacement installations.

### Compatible:

24 to 230V on/off appliances, including gas boilers, combi boilers, heat pumps, zoning, underfloor heating, cooling systems, and zone valves.

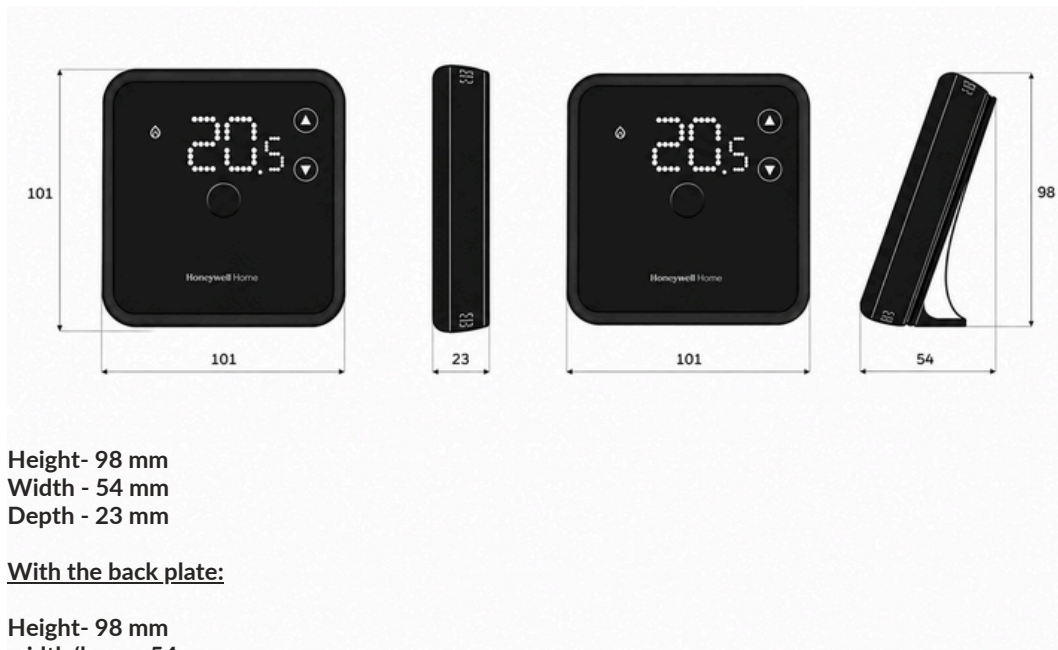
### Not compatible:

240V electric heating.

### Typical Use:

The thermostat measures the room temperature and sends a wireless signal to the receiver to turn the heating on or off depending on the target temperature you have set.

## Product Dimensions



Height- 98 mm

Width - 54 mm

Depth - 23 mm

With the back plate:

Height- 98 mm

width/base - 54 mm

Depth- 23 mm

## Preparing for Installation

Neglecting to follow these instructions could result in the loss of your 2-year warranty on the device.

**Damage caused by any modifications, or physical damage will invalidate your warranty.**

LightwaveRF Technology Ltd cannot accept responsibility for any loss or damage that may occur if the instruction manual is not followed correctly.

### You will need:

- Suitable electrical screwdrivers.
- A safe place in which to situate the thermostat
- Your link Plus Hub and smartphone.
- The Lightwave Link Plus App can be downloaded. (available on iOS & Android)

### What is included in the box:

- Honeywell Home wireless thermostat
- 2x Installation manual.
- 2x batteries which are already inside the device
- Mounting plate
- 2x Screws
- 2x Wall plug

# Installing a Honeywell Home Wireless Thermostat

If you plan to install this product yourself, please follow the instructions carefully to ensure the product is installed safely, if in any doubt please consult a qualified electrician, technical team or Lightwave Pro installer.

**It is important to install this product in accordance with these instructions.**

**Failure to do so may risk personal safety, create a fire hazard, violate the law and will also void your warranty.**

LightwaveRF Technology Ltd will not be held responsible for any loss or damage resulting from not correctly following the instruction manual.

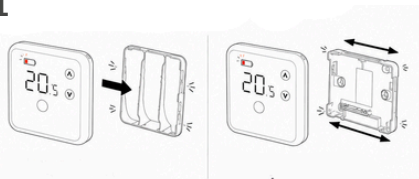
Once You Have Received Your Honeywell Home Wireless Thermostat (DT3/DT3R/DT3M) :

1. Carefully remove the thermostat from the box.
2. Decide where the thermostat will be placed. It can be wall mounted or used as a table standing thermostat.
3. If replacing an existing thermostat, switch off the power before removing any wiring.
4. Pull the tab on the back of the thermostat to activate the batteries already inside the device.
5. Press the button in the middle of the thermostat to turn the screen on and display the current temperature.
6. You can now pair the Honeywell wireless thermostat with the Lightwave app. Please follow the instructions on page 9.

For more information, please click on the link: [A guide to the Honeywell Smart Thermostat](#)

# Installing a Honeywell Home Wireless Thermostat

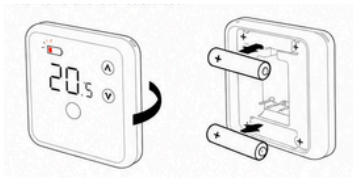
1



## Remove the thermostat from the backplate.

Hold the thermostat and gently pull it away from the backplate.

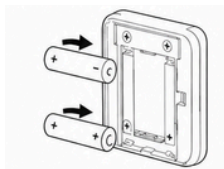
2



## Remove old batteries.

Remove the old batteries from the battery compartment.

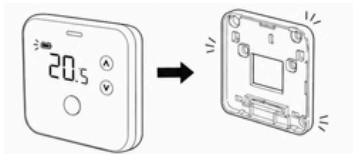
3



## Insert the new batteries.

Insert 2 new AA batteries as shown, matching the + and - ends.

4



## Reattach the thermostat

Align the thermostat with the backplate and gently push until it clicks into place.

# How to pair a Honeywell Home Wireless Thermostat to the Lightwave App

Before you begin: **Download the Lightwave Link Plus App** from the **Google Play Store** or **Apple App Store**.

## **Adding a smart series device to the Lightwave Link Plus App:**

Make sure that the Link Plus Hub is a high and central location for optimal communication.

- Open the app and tap the green plus (+) button at the bottom of the page. Then select the devices icon.
- Then select the icon that says more devices types and options
- Then press on Link Honeywell Home Device
- Enter a name for your device in the grey box that says e.g. Porch Spotlights.
- Put the thermostat into pairing mode (see below). While the thermostat is in pairing mode, tap Link in the app.
- The app will begin scanning and, once found, the thermostat will flash 1 on the screen. You can then assign the thermostat to a room.



## **Pairing mode:**

- Long press the button until “PAr” appears on the display.
- Toggle down to RF and press the button to confirm.
- Then toggle to COn for older models or X80 for newer models and press the button.
- Immediately press the Link button in the app.
- The app will begin scanning and, once found, the thermostat will flash 1 on the screen. You can then assign the thermostat to a room.
- Tap Save or Done to complete the setup.

## **How to master reset the device: (Follow the instructions below if you don't see the “CON” option)**

- Long press the button until “PAr” is displayed.
- Toggle down to RF and press the button.
- Toggle down to CLR and press the button to clear memory.
- Wait 10 seconds.
- Remove the battery, then restart the device.
- You can now retry the pairing process from the beginning.

# How to pair a Honeywell Home Wireless Thermostat to the Lightwave App

## How to Factory Reset the Honeywell Home Wireless Thermostat:

To return the Honeywell DT3R to its factory settings:

### 1. Enter Programming Mode:

- Press and hold the button on the DT3R for 5 seconds.
- The screen will display PAR, indicating you're in the pairing/settings menu.

### 2. Access the Reset Menu:

- Press the button again to cycle through the available menus.
- Use the up/down arrows to scroll to the menu labelled FS.

### 3. Activate Factory Reset:

- Once on FS, press the button.
- In some cases, you may need to press and hold the button to confirm the reset

### 4. Confirmation:

- The device will reset and return to default factory settings, clearing any previously stored configuration or pairing.

For more information, please click on the link below: [How to add Honeywell Devices to the Lightwave Link Plus App](#)



# How to create a Call For Heat automation to control your heating

Please make sure that both the thermostat and the Smart Heating Switch have been added to the Lightwave app and named correctly.

You can then create a Call for Heat automation. This is the main setup that allows your thermostat and Smart Heating Switch to communicate with each other.

Once set up, the thermostat will automatically turn the boiler on when heat is needed and turn it off when the desired temperature has been reached.

## How to Create a Call for Heat Automation:

- Log in to your Lightwave app using your account details
- Press the green plus (+) button at the bottom of the screen
- Select Automations
- You will then see a list of automation types. Please select Call for Heat
- You will be taken to a new screen asking you to select all the devices you would like to call for heat (there is no limit to how many thermostats can be callers)
- Once you have selected all the devices that you want to be callers, please select next at the top right hand side of the page
- Next select the devices you would like to be the providers (e.g. heating or relay) that will provide the heat to the caller (s).
- After selecting all the provider devices, please select next at the top right hand side of the page
- You will now see a grey box (for example "Downstairs heating"). Please select this box and enter a suitable name for your automation, such as "Heating"
- After naming the automation, press done (top right hand corner) to save it

**You have now successfully created a call for heat automation.**

## For more information, please click on the links below:

- [How to create a Call For Heat automation to control your heating?](#)
- [How to add devices to the Link Plus App](#)
- [How to add Honeywell Devices to the Lightwave Link Plus App](#)
- [How to put your devices into pairing mode?](#)

# How to Create Schedule Automation for Your Heating

Please make sure that the thermostat has been added to the Lightwave app and named correctly.

A schedule automation allows your heating and lighting devices to turn on or off automatically at set times during the day

## How to Create a Schedule Automation:

- Log in to your Lightwave app using your account details
- Press the green plus (+) button at the bottom of the screen
- Select Automations
- You will then see a list of automation types. Please select Schedule
- You will be taken to a new screen which displays all your rooms. Please select on the thermostat you want to apply the schedule to. If you wish to include additional devices later, you can adjust this at the end.
- Once you have selected on the device you will be asked to pick an action, please select on target.
- Press Done, then press Next at the top right of the page.

## Add an event:

- You will be taken to a new screen which displays all the days of the week. On the days-of-the-week screen, tap "Add Event" within the dotted rectangle
- Press Set Start Time and choose the start time. Then press done at the top right hand side of the page.
- Press the grey box below called Set Target and choose the target temperature. Then press done at the top right hand side of the page.
- Press Set End Time and choose the end time. Then press done at the top right hand side of the page.
- Press the grey box below called Set Target and choose the setback temperature. Then press done at the top right hand side of the page.

For example, you might set the temperature to 20°C from 07:00 AM to 09:00 AM and then change it to 5°C for frost protection.

# How to Create Schedule Automation for Your Heating

## Please note:

After the schedule ends, the thermostat will switch to the setback temperature until the next schedule starts. This helps save energy while stopping the room from getting too cold.

- Once you have set the times and temperatures, press Done at the top right of the page.

## Copy Events Across Days:

- To apply the event to multiple days, tap "Copy Events," select the desired days, and then tap "Done" in the top right of the popup.
- Tap "Next" in the top right.
- Select the grey box and enter a name for the automation, such as Heating.
- Press Done to save the automation.

**You have now successfully created a Schedule automation.**

# Creating Automations

- Using the Link Plus and Lightwave App, you can create custom automations for the Honeywell Home Wireless Thermostat
- As long as the Link Plus Hub is still connected to power, your automations will continue to work even if you lose your internet connection.
- You need internet connection to create the automations.

## Types of automations you can create with a Honeywell Home Wireless Thermostat:



**Timer =** When you would like the heating to come on at a set time and on certain days.



**Schedule =** It is recommended to use a schedule when you would like a device to operate certain times throughout the week and on specific days.



**Call for Heat =** Allows the thermostat to automatically turn the heating on when the room temperature drops below the set temperature.

## For more information, please click on the links below:

- [Introduction to Automations](#)
- [How to create a Call For Heat automation to control your heating?](#)
- [How to set up a TIMER](#)
- [How to Create Schedule Automation for Your Heating](#)

# Temperature monitoring on the Lightwave Link Plus App

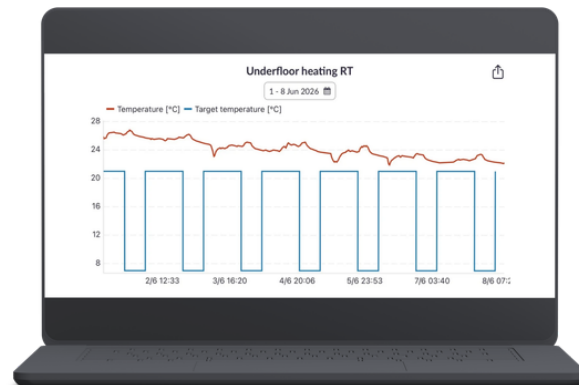
## Temperature Graph Key:

Red line – Shows the current temperature of the room where the thermostat is located.

Blue line – Shows the target temperature, which is the temperature you have set the room to reach.

## Viewing temperature usage in the Lightwave app:

1. Open the Lightwave app and log in to your account.
2. Tap Rooms at the bottom of the screen.
3. Select the room where your heating device is located.
4. Find and tap on the heating device.
5. Tap and hold the device to open more options.
6. Turn your phone sideways (landscape mode) to view the temperature graph and usage history.



- You can monitor temperature usage for any thermostat connected to the Lightwave Link Plus App. This includes devices such as radiator valve (TRVs), Smart Heating Switches, and Honeywell Home wireless thermostats
- The data helps you understand your usage and reduce energy consumption, which can lower energycosts
- To save energy, we recommend adding high usage devices to automations. For example, you can set your heating to run on a schedule during the day when you are not at home to save energy usage.
- Energy usage updates can appear as often as every 15 seconds. However, only key data is sent to the server to avoid duplicate or unnecessary updates
- You can view your temperature history by day, month, or other selected time periods

For more information, please click on the link: [How does controlling my heating save energy?](#)

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# Troubleshooting

If your Lightwave device isn't behaving as expected, the steps below cover the most common issues and how to resolve them.

## Device not linking to the app

- Check the device hasn't been added to the default room (if no room is selected, it goes to the top room on your rooms list automatically).
- Make sure the device is within close range of the Link Plus hub.
- Replace the batteries in the thermostat

Helpful Guides:

[Why Won't My Devices Pair to the Link Plus App?](#)

[Where is the best place to position my Link Plus Hub?](#)

## Cannot see the CON option

Check that the thermostat memory has been cleared.

Follow these steps to clear the thermostat memory:

- Long press the button until "PAR" is displayed.
- Toggle down to RF and press the button.
- Toggle down to CLR and press the button to clear the memory.
- Wait 10 seconds.
- Remove the battery, then restart the device.
- You can now retry the pairing process from the beginning.

Helpful Guide:

[How to pair your Honeywell thermostat to the Lightwave app?](#)

# Troubleshooting

If your Lightwave device isn't behaving as expected, the steps below cover the most common issues and how to resolve them.

## Not following the schedule

- Make sure the Smart Heating Switch or the thermostat has not been turned off in the app.

## Call for heat not working

- Check that the device is within range of the Link Plus hub.
- Make sure the automation has been set up correctly in the Lightwave app.
- Check that the thermostat is online and responding in the app.
- Make sure the batteries in the thermostat are not low.
- Check that the Smart Heating Switch has been set up as the provider and not the caller.
- Make sure your thermostats are set as callers within the automation.
- You can have multiple thermostats acting as callers in the same automation.

Helpful Guide:

[How to create a Call For Heat automation to control your heating?](#)



We've just launched our new Lightwave installation manuals and would love to hear what you think!

Your feedback helps us improve our guides and provide better support, whether it's something you liked or something we could make clearer. It only takes a few minutes and really makes a difference.

[Please click here to share your feedback](#)

Thank you for helping us improve your Lightwave experience.