



Lightwave<sup>RF</sup>

10 things I can do with LightwaveRF heating



See what you can do with LightwaveRF heating



1. I can remotely control my heating when I'm out

## Discover LightwaveRF heating

See how the LightwaveRF heating system can help you intelligently tackle heating issues in your home and begin saving you energy and money.

### Start here

Start your heating system with the Lightwave Link. Once you have the link, you can build your Lightwave system adding as many devices as you want to the system whenever you want.



## Control central heating from anywhere

Installing a LightwaveRF Boiler Switch and linking it to a Lightwave Link and Home Thermostat allows you to control your home heating from anywhere using the LightwaveRF App on a smartphone or tablet. You can turn the boiler on/off, monitor and set the temperature in real-time, or change the schedule.

### Come home to a warm house

Now, if you are staying late at work, you can turn off the heating so as not to waste energy, or turn it on in advance if coming back late on a cold night. If you are away on holiday in the winter, turn on the heating to a low level to make sure that the house does not get cold and damp. This simple installation can save you a significant amount of energy.

### Easy to Install

The Thermostat is wire-free and portable, and the Boiler Switch requires a simple 2 wire connection to your boiler.



Required: Lightwave Link, Thermostat, Boiler Switch



## 2. I can schedule the heating for each room

### LightwaveRF Radiator Valves

If you have central heating, it is most likely that you have 'thermostatic radiator valves' attached to your radiators. These have heads with numbers that turn to adjust the temperature. LightwaveRF Radiator Valves (TRVs) are designed to replace your existing ones. The valves screw into place in seconds and don't usually require any tools to fit, nor any plumbing. LightwaveRF valves are special, because they can be controlled using the Lightwave Link and LightwaveRF App.

### Set temperatures room by room

Real-time temperatures can be set for each radiator, and heating can be planned week by week and room by room. You can begin with one, and add as many valves as you like depending on the number of radiators you want to control. Your boiler and central heating schedule need not be affected.



Required: Heating Remote, Radiator Valve



## 3. I can control my boiler using a remote control

### Convenience

It is really convenient to be able to have direct control over the house temperature without having to get up and alter the thermostat or boiler. This can be achieved using the LightwaveRF Home Thermostat, Boiler Switch and Heating Remote.

### Control

You can turn the temperature up and down, boost the heating for an hour or simply turn it on/off. Use the Remote to control the Home Thermostat from the comfort of the sofa, and this will, in turn, relay the commands to the Boiler Switch.

### Anywhere

If you add the Lightwave Link to your setup, you can also control the Home Thermostat using your smartphone or tablet from anywhere.



Required: Remote Control, Home Thermostat, Boiler Switch



#### 4. I can heat upstairs and downstairs separately

##### Independent zones

Independent heating control in different areas of the home is increasingly important if you want to save energy. If you have a new house, you may already have a downstairs thermostat and one for upstairs creating separate 'heating zones'. The good news is that you can use a LightwaveRF Home Thermostat & Boiler Switch to control the downstairs temperature, and a separate set for upstairs. This will allow you to schedule and manage the temperature of each zone from anywhere using the App.

##### Radiator Valves

If you don't have separate zones, don't worry, you can use LightwaveRF TRVs to control the heat to each floor or room independently and create your own heating zones! Real-time temperatures can be set for each radiator, and heating can be planned week by week and room by room.



Required: Lightwave Link, Thermostats or Radiator Valves



#### 5. I can control my radiator from my sofa

##### Convenience

Wouldn't it be nice to adjust the temperature of the room from your sofa? Not only is it convenient, but turning down the temperature, even by a degree or two, can save significant energy. This can be achieved quickly and easily using the LightwaveRF Radiator Valve (TRV) and Heating Remote.

##### Comfort

As with the thermostat, you can turn the temperature up and down, boost the heating for an hour or simply turn off the heat. Use the Remote to control the TRV from the comfort of the sofa.

##### Simple

LightwaveRF TRVs can be installed by hand without special tools or plumbing. They turn off the radiator and allow you to be comfortable without having to affect the rest of the house heating. Adding the Lightwave Link will allow you to control the TRV via the LightwaveRF App on a smartphone or tablet.



Required: Heating Remote, Radiator Valve



## 6. I can control the heating in my holiday home

### Manage several buildings

The LightwaveRF App allows you to control several properties or homes from one App. If you introduce a Lightwave Link to a second home, static home or office, providing you have an internet connection you can control the heating there too.

### Remote control heating

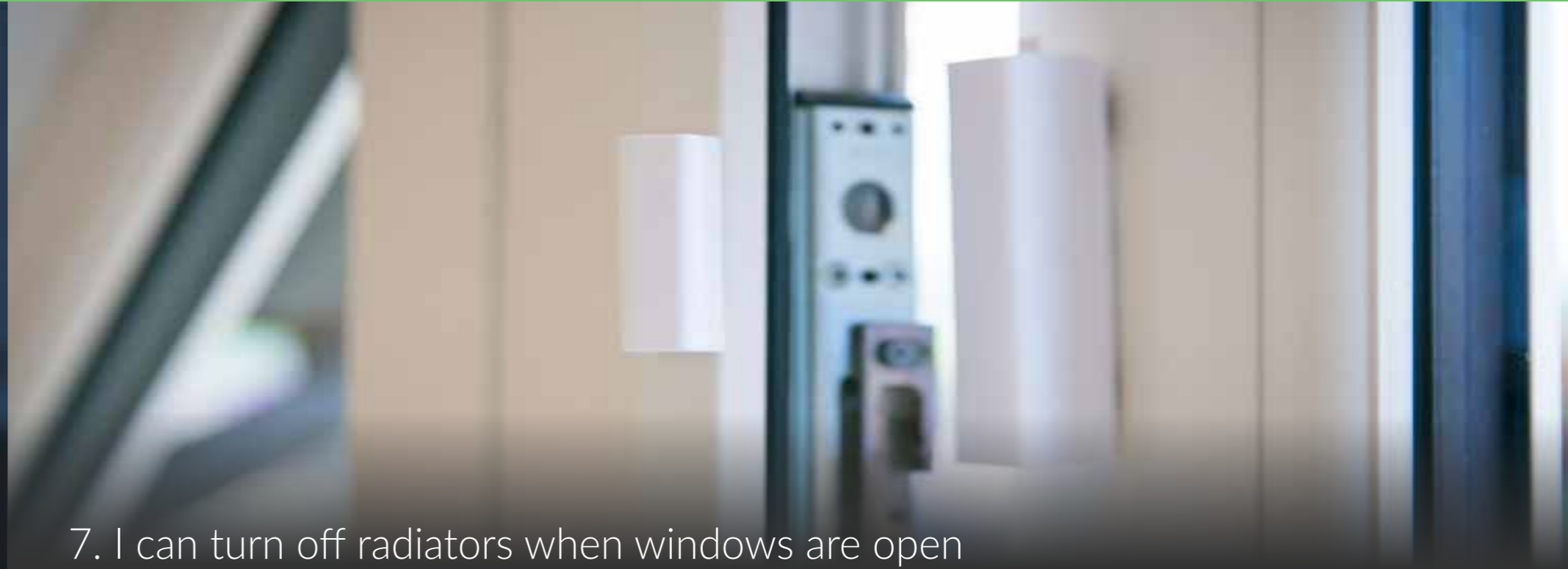
Adding remote heating control to a second home is invaluable, as you can ensure energy isn't wasted, prevent frost damage, and warm up the house upon your arrival. If you have guests, you can also ensure that they are warm, but also that the boiler is turned off when the property is vacated.

### Monitor in real-time

All this can be done in real-time or scheduled to happen automatically, just as in your own home.



Required: Lightwave Link, Home Thermostat, Boiler Switch



## 7. I can turn off radiators when windows are open

### Save Energy

One of the ways that a great deal of heat energy can be wasted in the home is by windows being left open in an overheated room. Many of us do this instead of turning down the radiator if we are too hot, but it means that the heating system will be working as hard as possible to heat a space that never reaches the specified temperature.

### Simple adhesive strip attachment

LightwaveRF has the solution to this problem: a LightwaveRF Magnetic Trigger can be attached to a window or door frame using a simple adhesive strip. When the window is open, it will automatically instruct a LightwaveRF radiator valve situated in the room to turn down the radiator temperature. It will then automatically and restore it to temperature on closing. This prevents the heating system working overtime to heat a space that is open to the cold outdoors.



Required: Magnetic Trigger, Radiator Valve



## 8. I can control my electric radiators and towel rails

### Manage electric radiators alongside wet ones

A LightwaveRF heating system is particularly versatile, because it can control electric radiators or heaters alongside standard central heating ones on the same App.

### Control radiators up to 3000W

The LightwaveRF Electric Switch can be wall mounted and connected to any radiator, electric heater or towel rail rated at up to 3000W. Providing that you have a Lightwave Link, it can then be added to the LightwaveRF App.

### Room by room control

Real-time temperatures can be monitored and set for each electric radiator, and heating can be planned week by week and room by room, just like with the TRVs. This is a really convenient device to add if you have a few electric heaters, perhaps located in a conservatory or annex, complimenting a home central heating system.



Required: Lightwave Link, Electric Switch



## 9. I can save energy and money

### Save Energy

All LightwaveRF devices provide comfort, convenience and even security to the home. The heating devices, however, also offer the potential to save significant amounts of energy and money.

### Turn off the boiler

The Boiler Switch and Home Thermostat provide you the ability to turn off or turn down your boiler when it is not needed and when you are not at home.

### Don't heat empty rooms

TRVs allow you to turn down the temperature in rooms that you are not using. This is very important, as, even if your boiler is still running, turning off or reducing the set temperature of some radiators in the home provides significant energy savings, because the boiler isn't having to provide heat to those unused rooms.

### Stop heat loss from windows

The Magnetic Trigger prevents excessive heat being lost when windows are left open.



Required: Any heating products

## 10. I can control lighting, power & heating on one App

### Not just heating...

The unique thing about LightwaveRF when compared to other heating systems, is that LightwaveRF isn't just a heating system.

### Lighting & Power control

You can control heating, lighting, power, security and other automation devices all from the same LightwaveRF App. Once you have the Lightwave Link, you can add any number of new Lightwave devices over time to create a comprehensive, modular smart home.

### Monitoring

You can monitor temperature, energy usage, set timers, events, dim lighting, switch power sockets, control curtain and gates and many more...



Required: Lightwave Link, Electric Switch





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