

Wiser Plug

WB704H1A0902



Get to know your device

This guide provides you with an overview of the Wiser Plug and helps with the initial setup. It is easy to install and use.

The Wiser Plug is a smart plug that allows you to turn your electrical home appliances ON and OFF from the Wiser Heat app. Individual schedules can be created and the smart plug can follow Wiser's Away Mode. For more information on how to create schedules and control smart plugs from the Wiser Heat app, refer to the user guide available at: <https://wiser.draytoncontrols.co.uk/support>

The smart plug can also be used as an RF (Radio Frequency) signal range extender, enabling heating devices, i.e. room thermostats and radiator thermostats, to communicate with the Wiser Heat Hub[®] in environments with poor RF signal.



Before connecting an electrical product through the smart plug, ensure it does not exceed the maximum current rating of 13A and maximum load of 3kW.



LED Behaviour

Status	User Interaction	LED
-	Plug into wall socket (when not joined to the Heat Hub [®])	1 red flash followed by 3 purple / red flashes followed by 3 blue flashes
-	Plug into wall socket (when joined to the Heat Hub [®])	Red flash followed by solid Purple for 1 second followed by solid blue for 1 second
Socket ON	Press ON/OFF button	Solid blue
Socket OFF	Press ON/OFF button	No light
Join smart plug to the Heat Hub [®]	Press and hold ON/OFF button for 2 seconds	Quick blue flashes. If the smart plug successfully joins the Heat Hub [®] , the LED stops flashing. If the smart plug fails to join the Heat Hub [®] after 60 seconds, the quick blue flashes are followed by 6 slow flashes
Interrupt join mode	Press ON/OFF button	Quick blue flashes are interrupted and followed by 6 slow blue flashes
Reset the smart plug and return to factory settings* (This removes it from a Wiser system)	Press and hold the ON/OFF button for 5 seconds	6 slow blue flashes

* The smart plug can also be reset and removed from a Wiser system via the Wiser Heat app. Consult the digital user guide on the link above for more information.

Joining the smart plug to the Heat Hub[®]

1. Read the safety notices at the end of this guide.
2. Ensure that the Heat Hub[®] is powered ON.
3. Open the Wiser Heat app on your mobile phone, go to 'Settings' and tap the Devices category. Tap 'Add Device' then select 'Smart Plug' and follow the instructions in the app.

Once the smart plug has successfully joined the Heat Hub[®] it can be unplugged from a wall socket and re-inserted without having to rejoin

If you want to repeat the joining of the smart plug to your Heat Hub[®] or you want to join the smart plug to another Heat Hub[®], first reset the smart plug as per instructions in the grid above, then follow the outlined steps.

Note: The smart plug will normally join the Heat Hub[®] within one minute.

Joining the smart plug as a range extender

Follow steps 1-3 above. In step 3, when the app tells you to plug the smart plug to a wall socket, ensure that the wall socket is located mid way between the Heat Hub[®] and the heating device experiencing no RF signal.

Once the smart plug has joined the Heat Hub[®], switch off the Heat Hub[®], wait two minutes, power it up again and wait for the Setup LED to show a solid green.

Note: When the smart plug is installed as a range extender for a specific heating device, it cannot be moved to other wall sockets as the heating device may lose connection to the Heat Hub[®].

Existing room thermostats and radiator thermostats

This section only applies if the smart plug has been added as a range extender.

After the smart plug has been joined to the Heat Hub[®] and the Heat Hub[®] has been powered off and then back on again, existing heating devices, i.e. room thermostats and radiator thermostats already paired to the system, will automatically find the best communication channel either via the smart plug or direct to the Heat Hub[®]. Allow up to 15 minutes for this process to complete. The RF signal strength can thereafter be checked in the Wiser Heat app. To do this, tap 'Settings' and select the Devices category. Additionally, for room thermostats the signal strength can also be checked directly on the display.

Join a new room thermostat or a radiator thermostat

This section only applies if the smart plug has been added as a range extender.

After you have successfully joined the smart plug to the Heat Hub[®], you can join a new room thermostat or radiator thermostat to it. If you have already set up your Wiser system and are just adding individual heating devices, open the Wiser Heat app and tap 'Settings', select the Devices category then tap 'Add Device' and follow the instructions.

If new heating devices are added as part of your initial commissioning, refer to the Wiser User Guide available at <http://wiser.draytoncontrols.co.uk/support>. Go to "Set up a new system".

Technical Specifications

Operating Temperature	0°C to +40°C
Storage Temperature	-10°C to +40°C
Ingress Protection	IPX0
Operating Voltage	100-240V~ 50/60Hz
Maximum Current / Load	13A / 3kW
Ambient Humidity (non-condensing)	5%-85%
RF Band	2.4 GHz ISM Band
Maximum RF Power Transmitted	+8dBm
Directives	RoHS 2011/65/EU RED - Directive 2014/53/EU
Applied Standards	EN 60950-1 EN 62479 EN 300 328 EN 301 489-1 EN 301 489-17

Safety Handling

WARNING: Failure to follow these safety notices could result in fire, electric shock, other injuries, or damage to the smart plug and other property. Read all the safety notices below before using the smart plug.

- For indoor use/residential locations only.
- Ensure that the smart plug is properly connected to the wall socket. It should sit as flush as possible.
- Ensure that there is proper clearance of at least 3cm if placing the smart plug behind furniture, also do not cover with curtains or loose furnishings.
- Avoid high humidity or extreme temperatures.
- Avoid long exposure to direct sunlight or strong ultraviolet light.
- Do not drop or expose the unit to intense vibration.
- Do not disassemble or try to repair the unit.
- Do not expose the unit or its accessories to flammable liquids, gases or other explosives.

Exercise utmost care if connecting hot appliances like irons, fan heaters and convection heaters etc. Only connect heaters that have an internal thermostat, overheat protection and a built in safety trip switch. Make sure the appliances are not covered or obstructed in any way. If remote access/Internet connectivity is lost, ensure that somebody can access your home to turn devices off.

Hereby, Schneider Electric Controls UK Ltd., declares that this product is in compliance with the essential provisions of Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.draytoncontrols.co.uk

Drayton

401 Southway Drive
Plymouth
PL6 6QT
United Kingdom

Wiser Support: +44(0) 333 6000 622
customer.care@draytoncontrols.co.uk
www.draytoncontrols.co.uk

Recycling

This product should not be disposed of with household waste. Please recycle the products where facilities for electronic waste exist. Check with your local authorities for recycling advice.

