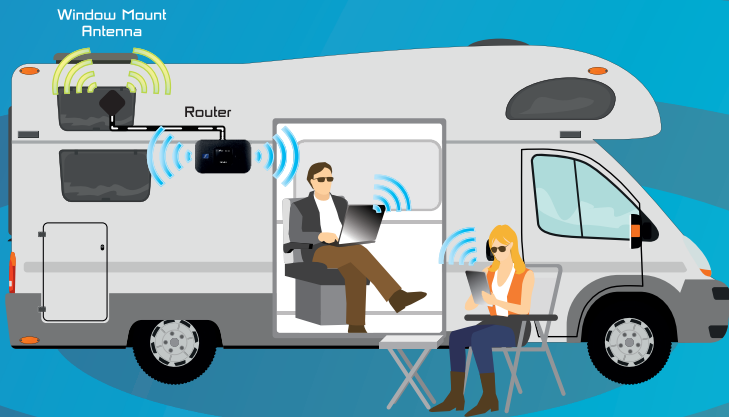


DIY 4G Booster

USER AND INSTALLATION MANUAL



www.falcontechology.co.uk

Ask Grandad

It's all a learning experience

Ask Grandad on 01928 759239

or visit www.falcontechonology.co.uk/askgrandad





Congratulations on your new purchase and welcome to the world of the Falcon DIY 4G Internet Kit.

This guide will take you through the process required to setup and use your new 4G booster.

Please note that it is important to retain your receipt or proof of purchase so that we are able to assist and deal with any enquiries you may have.

For more information on our products please visit our website: www.falcontechonology.co.uk

Get in touch

Falcon Technical Limited
Hill Farm, Northwich Road
Dutton
Cheshire
WA4 4LE
United Kingdom

UK Enquiries: 01928 759 239
International: +44 (0) 1928 759 239
Email: contact@falcontechonology.co.uk

Package Contents

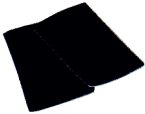
Thank you for purchasing the Falcon 4G DIY Kit, the easy to use 4G Booster. With your purchase you will find the following contents:



Portable Antenna
with magnetic mount
and suction cup



4G Router
with USB Cable



Adhesive velcro pads
for mounting router



12V USB Charger

Antenna Installation

Positioning the Window Antenna

First locate the antenna in a window, the included suction cup can be fitted to the rear of the antenna to attach to the window or the magnetic stand can be attached to the bottom of the antenna.

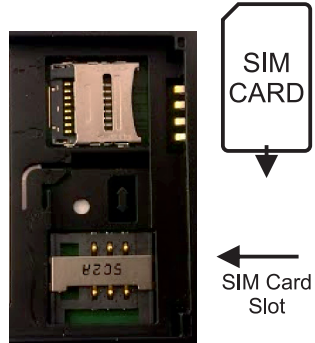
Whichever option you choose make sure the antenna is orientated with the cables at the bottom



Router Setup

Inserting the SIM Card & Battery

The back of the device can be removed to reveal two slots, the larger of which is the SIM card slot. Insert the SIM card face down with the cut corner in the same position as on the marking. Once the SIM has been inserted under the retaining bar, insert the battery and replace the back cover.

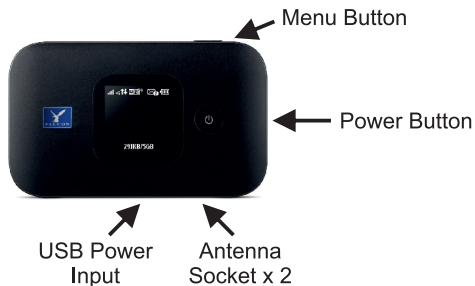


Connect the antenna to the router

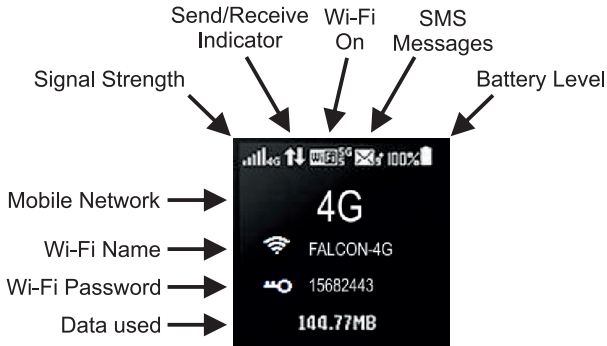
Locate the antenna sockets on the router which are hidden under a rubber flap on the bottom. Connect the two antenna output leads to the sockets on the router, it doesn't matter which way round they go.

Next insert the USB lead into the bottom of the router, it will only go in one way so rotate it 180 degrees if it doesn't insert easily. Plug the other end of the USB lead into the 12V charger.

You can now mount the router in a convenient place using the velcro pads.



Router Display



The router display

Mobile Network - This is the name of network you are connected to. The router is completely unlocked so will work on any network using a contract or Pay As You Go (PAYG) SIM card.

Wi-Fi Name - This is the name of the Wi-Fi network you need to connect your phone/tablet/computer etc. to.

Wi-Fi Password - This is the password you will need to enter when connecting to the Wi-Fi network.

Signal Strength - Indicates the strength of the signal and if you are connected to a 4G, 3G or 2G connection. You want 4G or 3G as 2G will be very slow.

Send/Receive Indicator - Indicates when data is being uploaded or downloaded.

Wi-Fi On - Shows that the Wi-Fi is turned on.

SMS Messages - Indicates if there are any messages waiting for you.

Battery Level - Shows the level of the routers built in battery.

Connecting your devices to the 4G system

Connecting your phone, tablet, computer or other Wi-Fi devices to the router is the same as for connecting to any other Wi-Fi network, just connect to the Wi-Fi network name shown on the router display and enter the password shown on the display.

Enabling roaming for use abroad

If you are going to be using the 4G system abroad then you will need to enable roaming as follows:

1. Power the router on.
2. When it has started up press the menu button on the top 7 times until the DATA ROAMING option is highlighted on the display.
3. Press the Power button on the front of the router until a tick shows in the box.

Don't enable "WiFi Extender Mode" as this will disable the 4G connection.

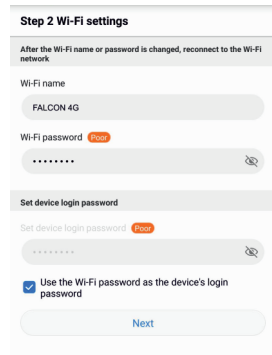
Advanced Use (optional)

There are additional settings that can be accessed using an app on an Apple or Android smartphone or tablet. This will allow you to view your data usage in more detail, see what devices are connected and change the Wi-Fi name or password.

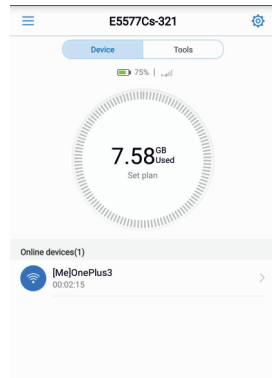
To install the app search for the HiLink app with the icon shown on the right.



Once installed make sure you are connected to the routers Wi-Fi and open the app, it will automatically log you in and show you the splash screen with a Set up button at the bottom, press this button and you will be given the option to change the WiFi network name and password if you wish. Press Next to continue.



Press Start on the following screen and you will now see the screen on the right that shows how much data you have used, battery and signal level and the devices that are connected to your router.



Press Set plan to set how much data you have on your plan so that it will show you how much you have left.

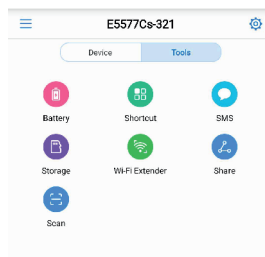
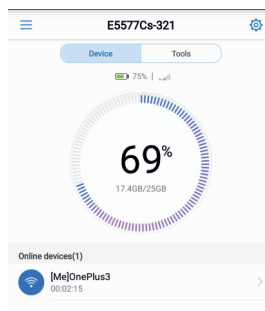
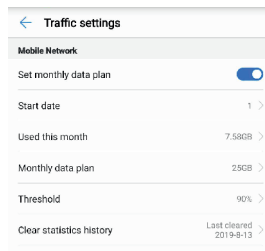
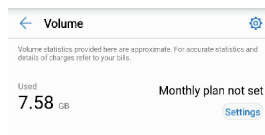
To set your data plan details press the Settings button.

Set the “Start date” to the day of the month that your data allowance resets and “Monthly data plan” to your data allowance.

Go back and you will now see your data usage expressed as a percentage with the amount used and data plan size below.

Additional Tools

Press the Tools button to access some additional tools such as detailed battery level and sending and receiving SMS messages. Do not enable the Wi-Fi Extender function here as it will disable 4G.



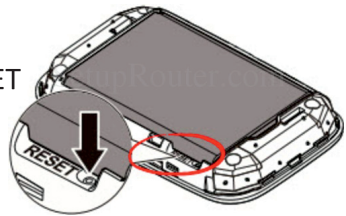
Troubleshooting

No Internet Connection

1. If you can connect to the Wi-Fi but have no internet first make sure that you have not used all of your data allowance. If possible verify the SIM is working in another device.
2. If you are abroad make sure you have enable roaming as described on page 7.
3. Make sure you have not enabled “WiFi Extender Mode” as this will disable the 4G connection.

Reset the router to factory defaults

If you find that a change you have made prevents the device from working as intended there is a RESET button under the battery cover to reset everything back to factory settings. Press and hold the button while the turning the router on until the startup logo is displayed.



Still having problems?

Call us on 01928 759 239 or email at support@falcontechology.co.uk and we will be glad to help.



www.falcontechonology.co.uk

Another innovative product from Falcon Technical Ltd.
Hill Farm, Northwich Road, Dutton, Cheshire, WA4 4LE