



Setting Up a Wireless Connection

Wirelessly connect an Android OS device to a Vodafone HG556a modem

Follow the instructions below to connect your Android OS device to your Vodafone modem's wireless network.

1. Power on your Modem

Ensure your Vodafone modem is powered on. The Power, DSL and Wireless lights should all be lit red.



Wireless



DSL



Power

2. Android Settings

Using your Android device tap the **Settings** icon  on a **Home** or **All Apps** screen.

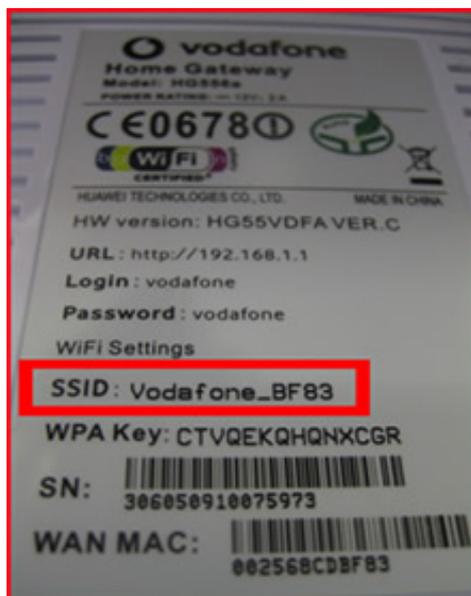
Slide the Wi-Fi switch to the **On** position.

The device scans for available Wi-Fi networks and displays the names of those it finds. Secured networks are indicated with a Lock icon. If the device finds a network that you connected to previously, it connects to it.

3. Identify your Network

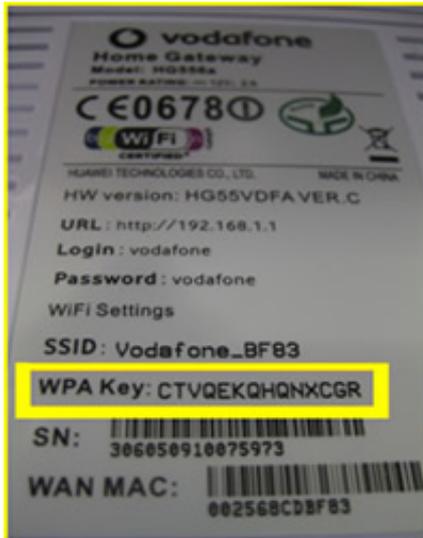
If no Vodafone network appears in the list, check that your Vodafone wireless modem is correctly installed and switched on. You might also be out of range, move closer to your modem to reduce the distance and improve the wireless signal.

If more than one Vodafone network appears in the list, your own network can be identified by checking the SSID (network name) printed on the label on the back of your modem, for example **Vodafone_BF83**.



4. Enter your WPA Password

When you are prompted for a password, enter the **WPA Key** that can be found on the label on the **back** of your Vodafone HG556a wireless modem, tap **Connect**.



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Join a closed Wi-Fi network

You can add a Wi-Fi network so your device will remember it, along with any security credentials, and connect to it automatically when it's in range. You must also add a Wi-Fi network if the network does not broadcast its name (SSID), or to add a Wi-Fi network when you are out of range.

To join a secured network, you first need to learn security details from the network's administrator.

1. Turn on Wi-Fi, if it's not already on.
2. In the Wi-Fi settings screen, touch **Add Network**.
3. Enter the SSID (name) of the network. If necessary, enter security or other network configuration details.
4. Touch **Save**.

The information about the network is saved. Your device will connect to this network automatically the next time you come within range.

Forget a Wi-Fi network

You can make the phone forget about the details of a Wi-Fi network that you added—for example, if you don't want the phone to connect to it automatically or if it's a network that you no longer use.

1. Turn on Wi-Fi, if it's not already on.
2. In the Wi-Fi settings screen, touch the name of the network.
3. Touch **Forget** in the dialog that opens.

Configure proxy settings for a Wi-Fi network

Some network administrators require you to connect to internal or external network resources via a proxy server. By default, the Wi-Fi networks you add are not configured to connect via a proxy, but you can change that for each Wi-Fi network you've added.

Proxy settings are used by Browser but may not be used by other apps.

1. Touch & hold a network in the list of Wi-Fi networks you've added.
2. Touch **Modify network** in the dialog that opens.
3. Select **Show advanced options**.
4. If the network has no proxy settings, touch **None** under Proxy Settings, then touch **Manual** in the menu that opens.
5. Enter the proxy settings supplied by your network administrator.
6. Touch **Save**.

The proxy settings apply only to the Wi-Fi network you modified. To change the proxy settings for other Wi-Fi networks, modify them individually.

Set Wi-Fi notifications, disconnect policy, and other advanced options

To work with advanced Wi-Fi settings:

1. Turn on Wi-Fi, if it's not already on.
2. In the Wi-Fi settings screen, touch the Menu icon and choose **Advanced**.

These are the settings you can adjust:

- **Network notification:** By default, when Wi-Fi is on, you receive notifications in the Status bar when your device detects an open Wi-Fi network. Uncheck this option to turn off notifications
- **Avoid poor connections:** Check to automatically avoid using networks with a low-quality or intermittent Internet connection.
- **Keep Wi-Fi during sleep:** To conserve mobile data usage, your device stays connected to Wi-Fi when the screen goes to sleep.

Touch this option to change this default behavior: either to stay connected to Wi-Fi only when the device is connected to a charger (when battery life isn't a problem), or never to stay connected to Wi-Fi during sleep. The latter choice is likely to increase mobile data usage. You may want to revisit this setting if you receive a notification that you're approaching your specified mobile data limit.

- **Wi-Fi frequency band:** Specify Automatic, 5 GHz, or 2.4 GHz frequency bands

This screen also displays the following information:

- **MAC address:** The Media Access Control (MAC) address of your device when connected to a Wi-Fi network.
- **IP address:** The Internet Protocol (IP) address assigned to the device by the Wi-Fi network you are connected to (unless you used the IP settings to assign it a static IP address).

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