

How to configure your Netgear DG834 Router for ADSL2+

Connecting up your router

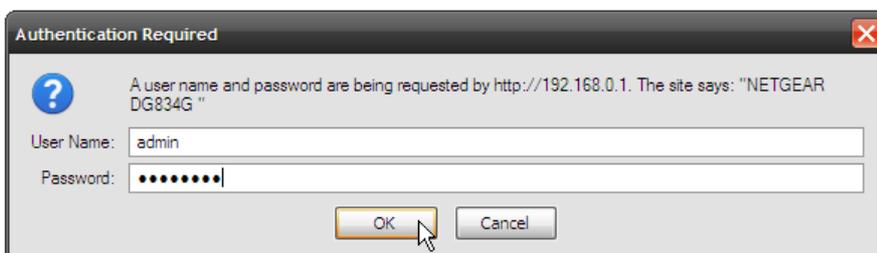
This guide assumes that you have successfully:

- unpacked your router
- connected it up to your phone socket using the DSL cable and filter supplied in the box
- and connected a computer to the router using the supplied Ethernet cable.

Configuring your router

Once you have successfully connected up your router to both your phone socket and your computer, and powered both of these devices on, you are ready to configure your router.

- Open up your favourite web browser, e.g. Firefox or Internet Explorer, and in the address bar at the top, type in: **http://192.168.0.1** – and then press Enter.
- You will be presented with a dialog box, similar to the one pictured below:



- For the username, type in **admin** – and for the password, type in **password**. Please note that both of these must be in lower case.
- You will then be presented with a configuration page, partially pictured below. You will need to select: **No. I Want To Configure The Router Myself** and then click on the **Next** button.

Setup Wizard

Select Country and Language

Country: ▼

Language: ▼

Auto-Detect Connection Type

This Setup Wizard can Detect the type of Internet Connection you have.
Do You Want The Smart Setup Wizard To Try And Detect The Connection Type Now?

Yes.

No. I Want To Configure The Router Myself.

- You will now be on the **Basic Settings** page. Under **Does Your Internet Connection Require a Login?** You should select **No**.

Does Your Internet Connection Require A Login?

Yes

No

- If your connection has a **Dynamic IP**, then under **Internet IP Address**, select **Get Dynamically From ISP**.

Internet IP Address

Get Dynamically From ISP

Use Static IP Address

- If your connection has been assigned a **Static IP**, then under **Internet IP Address**, select **Use Static IP Address**, and then fill in the relevant boxes with the **IP Address**, **IP Subnet Mask** and **Gateway IP Address** supplied to you on your new connection's **Inventory Report**. This should have been included inside the box of your new router.

Internet IP Address

Get Dynamically From ISP

Use Static IP Address

IP Address . . .

IP Subnet Mask . . .

Gateway IP Address . . .

- Once you have correctly entered your **Internet IP Address** details, as discussed above, you will need to scroll down the page to the **Domain Name Server (DNS) Address** settings. Select **Use These DNS Servers**, and for the **Primary DNS** server, enter **87.194.0.66** – and **87.194.0.67** for the **Secondary DNS Server**.

Domain Name Server (DNS) Address

Get Automatically From ISP

Use These DNS Servers

Primary DNS

Secondary DNS

- The last step on this configuration page is to click **Apply** at the bottom of the page.

- Next, you need to specify the **ADSL Settings**. The **ADSL Settings** page is accessed by clicking on the **ADSL Settings** menu item, on the left hand side of your browser window.

• **Setup Wizard**

Setup

- **Basic Settings**
- **ADSL Settings**
- **Wireless Settings**

- You will then need to set four options. For **Multiplexing Method**, click on the dropdown box and select **LLC-Based**. For **VPI**, type in **0** – and for **VCI**, type in **101**. Lastly, for **DSL Mode**, click on the dropdown box and select **ADSL2+**. Once you have done this, don't forget to click on **Apply**.

ADSL Settings

Multiplexing Method

VPI

VCI

DSL Mode

- You're almost done now! You just have to configure the **Wireless Settings**, and then **Set Password**, and your router is all done. The **Wireless Settings** page is accessed by clicking on the **Wireless Settings** menu item, on the left hand side of your browser window (it is just underneath the **ADSL Settings** menu item that you clicked on in the last section).
- Once you are on the **Wireless Settings** page, you need to enter a simple, random name into the **Name (SSID)** box. This can really be anything you like, but you should change it from the default setting to prevent conflicting with other nearby wireless networks.

Wireless Network

Name (SSID):

- Next, you need to set up the **Security Options** for your wireless network. From the long list, select **WPA-PSK (Wi-Fi Protected Access Pre-Shared Key)**, and then in the box below, where it asks for **Network Key**, type in any password that you like, longer than 8 characters. You will need to remember this password to access your wireless network, so do pick a password you can remember.



Security Options

Disable

WEP (Wired Equivalent Privacy)

WPA-PSK (Wi-Fi Protected Access Pre-Shared Key)



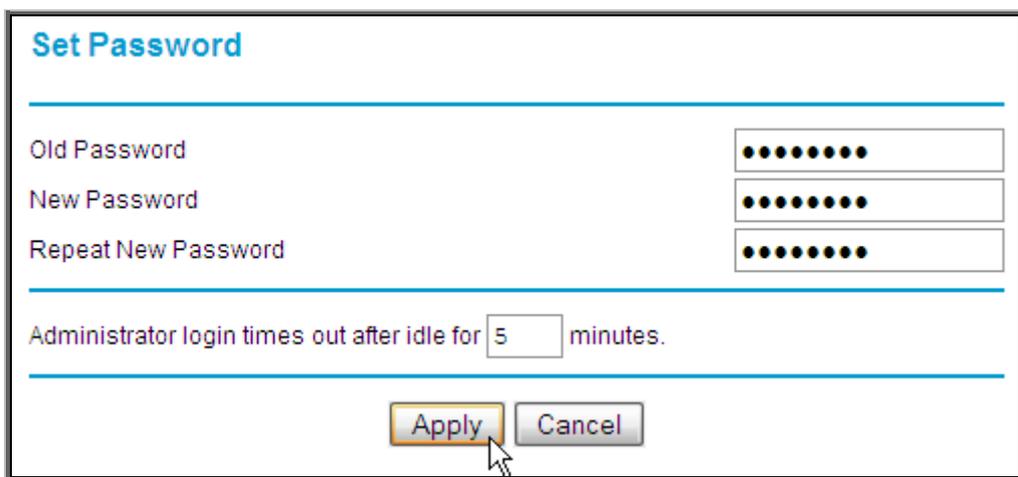
WPA-PSK Security Encryption

Network Key (8 ~ 63 characters)

- Don't forget to click on **Apply** at the bottom of the screen once you have completed these steps.



- Onto the final step – setting a secure password for your router, so that no one can change configuration settings without authorisation. The **Set Password** page is accessed by clicking on the **Set Password** menu item, on the left hand side of your browser window, a few items below the menu items you were clicking on earlier.
- For **Old Password**, type in **password** – and then type in a secure password of your choosing for in both the **New Password** and the **Repeat New Password** boxes. Don't forget to make a note of this new password.



Set Password

Old Password

New Password

Repeat New Password

Administrator login times out after idle for minutes.

- You have now completed your router setup!