GAMING ROUTER

DGL-5500

Quick Install Guide

Featuring **StreamBoost™**

AC1300

Feed the Game™

Thank you for your purchase of the D-Link DGL-5500 Gaming Router featuring StreamBoost™ by Qualcomm.

Today's multiplayer environments are more competitive than ever. Given the limited amount of bandwidth coming into your home, your gaming advantage depends on making the most of it. D-Link's Gaming Router (DGL-5500), featuring StreamBoost™ technology, was specifically created to help you do more and lag less. Simply put: StreamBoost gives your games and applications what they need, where they need it most. It's much more than QoS – it's traffic shaping.

In The Box

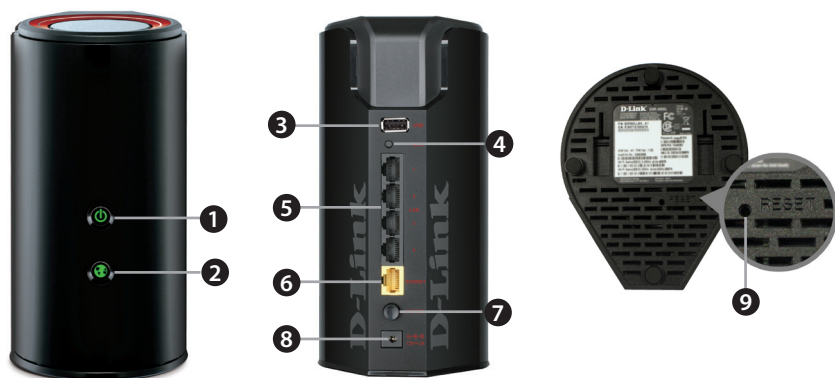DGL-5500 Wireless AC1300 Gaming Router

Power Adapter

Ethernet Cable

Wi-Fi Configuration Card

Quick Install Guide

If any of the above items are missing, please contact your reseller.
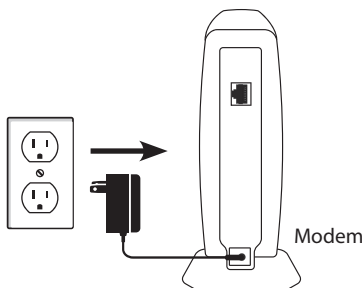
Hardware Overview

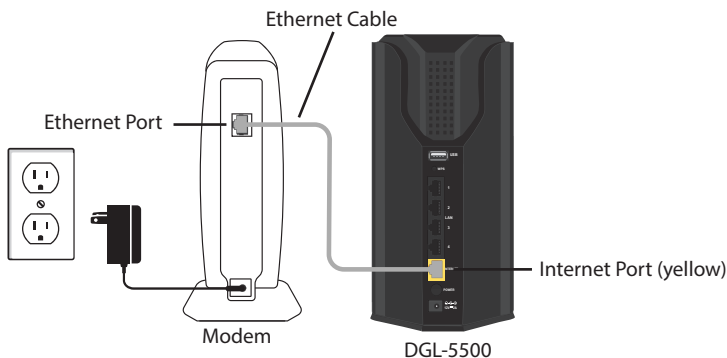|		
1	Power LED	A solid green light indicates a proper connection to the power supply. The light will be solid orange during boot-up and will blink green during the WPS process.
2	Internet LED	A solid green light indicates a connection to the Internet port. If the LED is orange, the connection is good but the router cannot connect to the Internet.
3	USB Port	Connect a USB printer to share on your network.
4	WPS Button	Press to start the WPS process. The Power LED will start to blink.
5	LAN Ports (1-4)	Connect Ethernet devices such as computers, switches, and game consoles.
6	Internet Port	Connect your broadband modem to this port using an Ethernet cable.
7	Power Button	Press to power the router on and off.
8	Power Port	Connect the supplied power adapter.
9	Reset Button	Press and hold the reset button with a paper clip for six seconds to reset the router to the factory default settings.

Before you Start

- **Users with DSL providers** - If you are using a PPPoE connection, you will need your PPPoE user name and password. If you do not have this information, contact your Internet provider. Do not proceed until you have this information.

- **Users with Cable providers** - Make sure you unplug the power to your modem. In some cases, you may need to turn it off for up to 5 minutes.

- **Advanced Users** - If your ISP provided you with a modem/router combo, you will need to set it to "bridge" mode so the DGL-5500 router can work properly. Please contact your ISP or refer to the user manual for your modem/router device.

Connect your Router

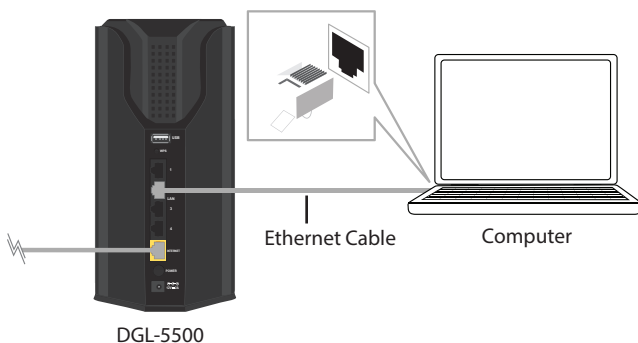**1** Unplug the power to your DSL or Cable modem.

Modem

2 Connect an Ethernet cable from the Internet port of the router to the Ethernet port on your DSL or Cable modem.
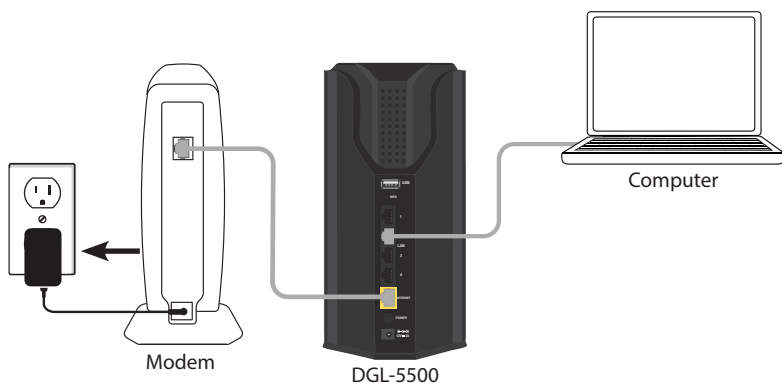

Ethernet Cable

Ethernet Port

Internet Port (yellow)

Modem

DGL-5500

3 Connect another Ethernet cable from the Ethernet port on your computer to one of the LAN ports on the router.
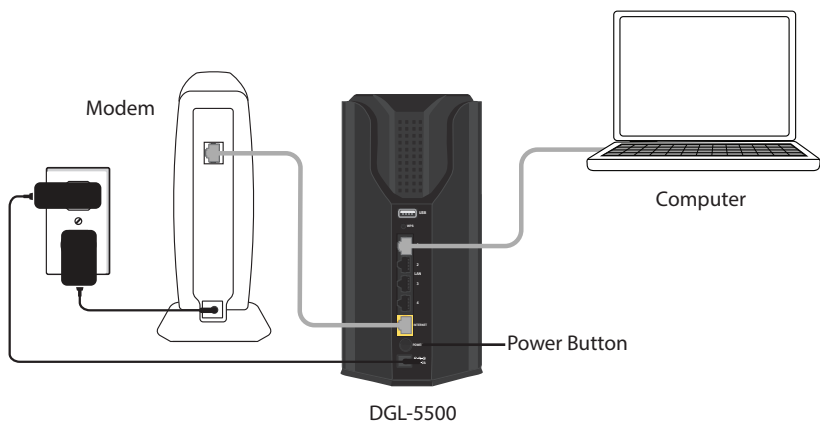
Ethernet Cable   Computer

DGL-5500

4 Plug the power back into your DSL or cable modem. Please wait about one minute before continuing.
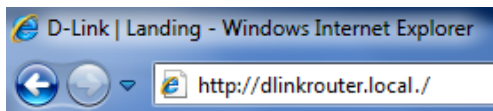
Computer

Modem   DGL-5500

5 Plug the power adapter into your router and connect to an available power outlet or surge protector. If the Power LED does not light up, press the Power button on the back of the router.
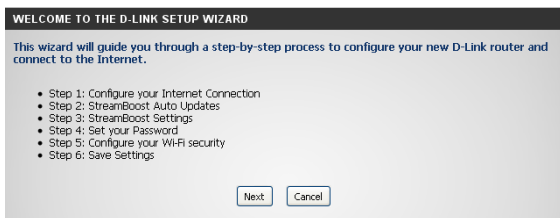

Modem

Computer

Power Button

DGL-5500

6 After the router has powered up, verify that the Power (green) and Internet (orange or green) LEDs are both lit.

7 Open a web browser (e.g., Internet Explorer, Chrome, Firefox, or Safari) and enter **http://dlinkrouter.local./** or the IP address of the router (**http://192.168.0.1)**. XP users can use **http://dlinkrouter**.

D-Link | Landing - Windows Internet Explorer

http://dlinkrouter.local./

8 When the Welcome screen appears, click **Next** to continue.

WELCOME TO THE D-LINK SETUP WIZARD

This wizard will guide you through a step-by-step process to configure your new D-Link router and connect to the Internet.

- Step 1: Configure your Internet Connection
- Step 2: StreamBoost Auto Updates
- Step 3: StreamBoost Settings
- Step 4: Set your Password
- Step 5: Configure your Wi-Fi security
- Step 6: Save Settings

Next   Cancel

9 The router will automatically detect your Internet connection type. If not, then select your Internet connection and click **Next** to continue.

STEP 1: CONFIGURE YOUR INTERNET CONNECTION

Please select your Internet connection type below:

○ **Username / Password Connection (PPPoE)**
Choose this option if your Internet connection requires a username and password to get online. Most DSL modems use this connection type of connection.

○ **Static IP Address Connection**
Choose this option if your Internet Setup Provider provided you with IP Address information that has to be manually configured.

Prev | Next | Cancel

Note: If you have a dynamic connection and the Internet LED is green, you should be connected to the Internet and will automatically skip to Step 10.

DSL (PPPoE) users enter your PPPoE user name and password supplied by your ISP. Click **Next** to continue.

SET USERNAME AND PASSWORD CONNECTION (PPPOE)

To set up this connection you will need to have a Username and Password from your Internet Service Provider. If you do not have this information, please contact your ISP.

User Name : [   ]
Password : [   ]

Prev | Next | Cancel

If your ISP supplies you with a Static IP connection, enter the IP settings from your ISP and click **Next** to continue.

SET STATIC IP ADDRESS CONNECTION

To set up this connection you will need to have a complete list of IP information provided by your Internet Service Provider. If you have a Static IP connection and do not have this information, please contact your ISP.

IP Address : [0.0.0.0]
Subnet Mask : [0.0.0.0]
Gateway Address : [0.0.0.0]

DNS SETTINGS

Primary DNS Address : [   ]
Secondary DNS Address : [   ]

Prev | Next | Cancel

10 Click either **I want automatic StreamBoost updates** or **I decline automatic StreamBoost updates**. Click **Next** to continue.

11 You can keep the **Enable Auto Bandwidth Estimation** box checked to auto-detect your bandwidth or uncheck it to manually enter your download and upload speeds. Click the **Test Bandwidth** button first so the router can detect your speeds. After processing is completed, click **Next** to continue.

12 Enter a password for your router and click **Save** to continue.

13 Enter a Wi-Fi Network Name (SSID) and Wi-Fi Password for both the 2.4GHz and 5GHz bands. Click **Next** to continue.

STEP 5: CONFIGURE YOUR WI-FI SECURITY

Give your Wi-Fi network a name and a password. (2.4GHz Band)

Wi-Fi Network Name (SSID) :
dlink-84E2   (Using up to 32 characters)

Wi-Fi Password :
hghfr58137   (Between 8 and 63 characters)

Give your Wi-Fi network a name and a password. (5GHz Band)

Wi-Fi Network Name (SSID) :
dlink-84E2-media   (Using up to 32 characters)

Wi-Fi Password :
hghfr58137   (Between 8 and 63 characters)

[Prev] [Next] [Cancel]

14 Click **Connect** to finish your router setup.

STEP 6: SAVE SETTINGS

The Setup Wizard has completed. Click the Connect button to save your settings and restart the router.

[Prev] [Connect]

15 You will be prompted to create a bookmark. Click **OK** to create a bookmark or click **Cancel** to skip creating a bookmark and save your settings.

16 Your router will now restart.

Congratulations! You have completed the router installation.

Troubleshooting

How do I connect my wireless devices to the DGL-5500L router?

1. Open your wireless network utility that displays available wireless networks.

2. Select the Wi-Fi Network name you assigned in the wizard and connect.

   Note: If you did not change the Wi-Fi settings or you reset the router to its default settings, refer to the Wi-Fi Configuration Card included for the default Wi-Fi Network Name and Wi-Fi Password.

You can also connect using WPS:

1. Press the WPS button on the DGL-5500L for three seconds.

2. Within one minute press the WPS button on your wireless device.

3. Allow up to two minutes to connect.

   Note: Some devices may require you to log in to a utility to start the WPS process. Refer to the user manual of the device you want to connect to the router if you do not know how to start the WPS process.

How do I change the wireless settings on the DGL-5500L router?

1. Open a web browser (e.g., Internet Explorer, Chrome, Firefox, or Safari) and enter **http://dlinkrouter.local./** or the IP address of the router (**http://192.168.0.1)**. XP users can enter **http://dlinkrouter**.

2. At the login screen, enter the router password you created in the wizard (no password by default).

3. Go to **Setup** > **Wireless Settings** to create a new Wi-Fi network name (SSID) and Wi-Fi password.

Documentation available at http://www.dlink.com/DGL-5500L.

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Technical Support

Having trouble installing your new product? D-Link's website contains the latest user documentation and software updates for D-Link products. U.S. and Canadian customers can contact D-Link Technical Support through our website.

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