

# QUICK INSTALL GUIDE

DIR-330

VERSION 1.1



**D-Link**<sup>®</sup>

**WIRELESS**

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# Package Contents

- D-Link DIR-330 Wireless VPN Router
- Power Adapter
- Ethernet Cable
- Manual and Warranty on CD

**Note:** Using a power supply with a different voltage rating than the one included with the DIR-330 will cause damage and void the warranty for this product.

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

## System Requirements

### Network Requirements

- An Ethernet-based Cable or DSL modem
- 10/100 Ethernet devices
- 802.11g/b wireless clients

### Web-based Configuration Utility Requirements

**Computer with the following:**

- Windows®, Macintosh, or Linux-based operating system
- An installed Ethernet adapter

**Browser Requirements:**

- Internet Explorer 6.0 or higher
- Mozilla 1.7.12 or higher
- Firefox 1.5 or higher
- Safari 1.0 or higher
- Flock 0.7.14 or higher
- Opera 6.0 or higher

Make sure you have the latest version of Java installed. Visit [www.java.com](http://www.java.com) to download the latest version.

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# Wireless Considerations

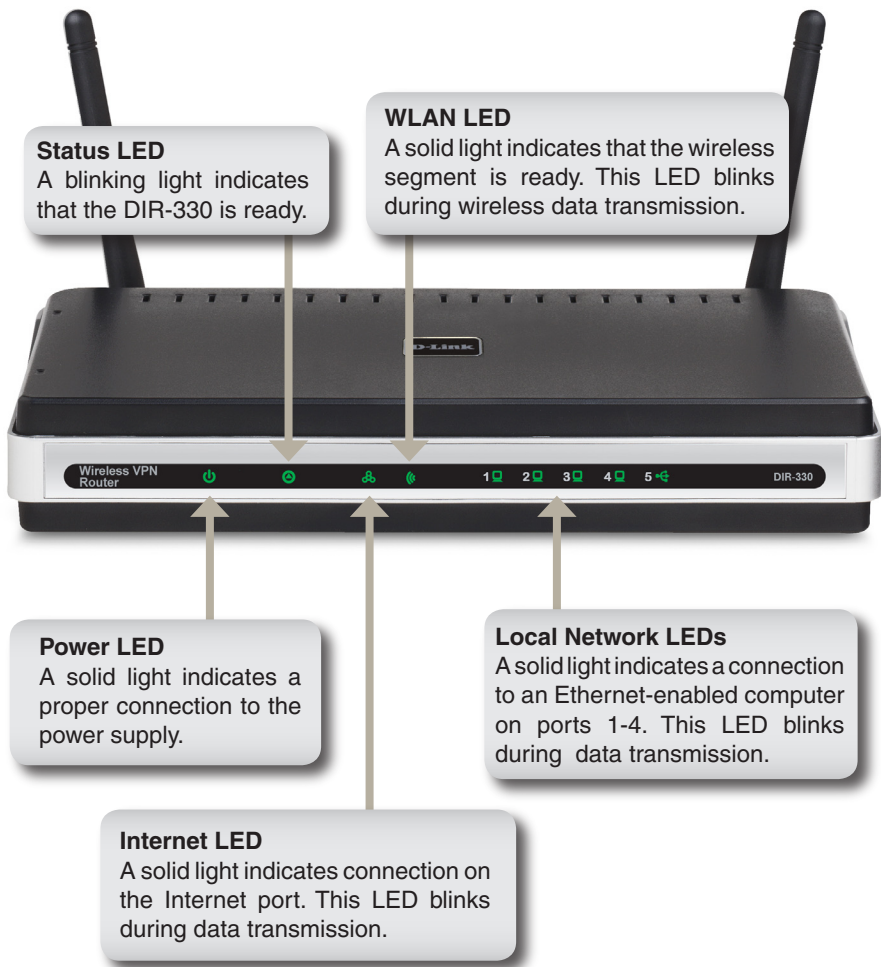
The D-Link wireless router lets you access your network using a wireless connection from virtually anywhere within the operating range of your wireless network. Keep in mind, however, that the number, thickness and location of walls, ceilings, or other objects that the wireless signals must pass through, may limit the range. Typical ranges vary depending on the types of materials and background RF (radio frequency) noise in your home or business. The key to maximizing wireless range is to follow these basic guidelines:

1. Keep the number of walls and ceilings between the D-Link router and other network devices to a minimum - each wall or ceiling can reduce your adapter's range from 3-90 feet (1-30 meters.) Position your devices so that the number of walls or ceilings is minimized.
2. Be aware of the direct line between network devices. A wall that is 1.5 feet thick (.5 meters), at a 45-degree angle appears to be almost 3 feet (1 meter) thick. At a 2-degree angle it looks over 42 feet (14 meters) thick! Position devices so that the signal will travel straight through a wall or ceiling (instead of at an angle) for better reception.
3. Building Materials make a difference. A solid metal door or aluminum studs may have a negative effect on range. Try to position access points, wireless routers, and computers so that the signal passes through drywall or open doorways. Materials and objects such as glass, steel, metal, walls with insulation, water (fish tanks), mirrors, file cabinets, brick, and concrete will degrade your wireless signal.
4. Keep your product away (at least 3-6 feet or 1-2 meters) from electrical devices or appliances that generate RF noise.
5. If you are using 2.4GHz cordless phones or X-10 (wireless products such as ceiling fans, lights, and home security systems), your wireless connection may degrade dramatically or drop completely. Make sure your 2.4GHz phone base is as far away from your wireless devices as possible. The base transmits a signal even if the phone is not in use.

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# Hardware Overview

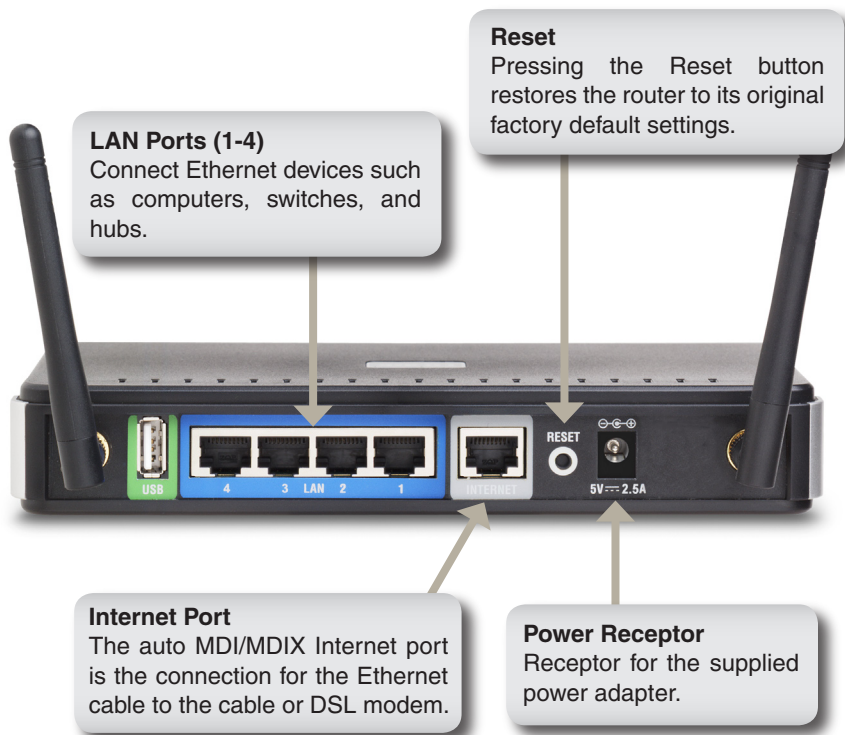
## LEDs



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# Hardware Overview

## Connections



\* The USB port is currently inactive.

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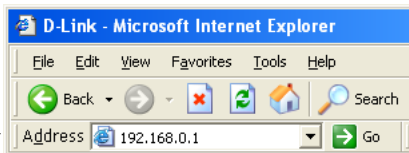
## Connect to your Network

If you are connecting the router to a cable/DSL/satellite modem, please follow the steps below:

1. Place the router in an open and central location. Do not plug the power adapter into the router.
2. Turn the power off on your modem. If there is no on/off switch, then unplug the modem's power adapter. Shut down your computer.
3. Unplug the Ethernet cable (that connects your computer to your modem) from your computer and place it into the Internet port on the router.
4. Plug an Ethernet cable into one of the four LAN ports on the router. Plug the other end into the Ethernet port on your computer.
5. Turn on or plug in your modem. Wait for the modem to boot (about 30 seconds).
6. Plug the power adapter to the router and connect to an outlet or power strip. Wait about 30 seconds for the router to boot.
7. Turn on your computer.
8. Verify the link lights on the router. The power light, Internet light, and the LAN light (the port that your computer is plugged into) should be lit. If not, make sure your computer, modem, and router are powered on and verify the cable connections are correct.

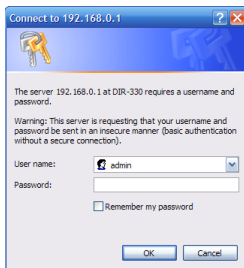
# Using the Setup Wizard

Open your web browser and type `http://192.168.0.1` into the URL address box. Press **Enter**.



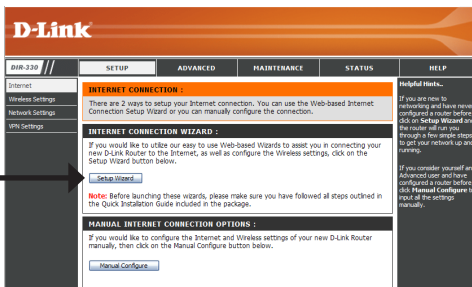
The logon pop-up screen will appear:

Type **admin** for the username and leave the password blank.



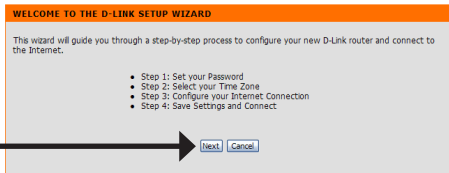
Once you have logged in, the Setup screen will appear:

Click **Setup Wizard**



Click **Next** to continue.

Click **Next**



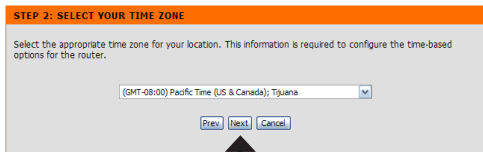
Create a new password and then click **Next** to continue.

Click **Next**



Select your time zone from the drop-down menu and then click **Next** to continue.

Click **Next**



Select the type of Internet connection you use and then click **Next** to continue.

Click **Next**





If you selected Dynamic, you may need to enter the MAC address of the computer that was last connected directly to your modem. If you are currently using that computer, click **Clone Your PC's MAC Address** and then click **Next** to continue.

The Host Name is optional but may be required by some ISPs. The default host name is the device name of the Router and may be changed.

**DHCP CORRECTION (DYNAMIC IP ADDRESS)**

To set up this connection, please make sure that you are connected to the D-Link Router with the PC that was originally connected to your broadband connection. If you are, then click the Clone MAC button to copy your computer's MAC Address to the D-Link Router.

MAC Address : 00-00-00-00-00-00 (Optional)

Host Name :

Note: You may also need to provide a Host Name. If you do not have or know this information, please contact your ISP.

Click Next

If you selected PPPoE, enter your PPPoE username and password. Click **Next** to continue. Select **Static** if your ISP assigned you the IP address, subnet mask, gateway, and DNS server addresses.

**Note:** Make sure to remove your PPPoE software from your computer. The software is no longer needed and will not work through a router.

**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 the information, please contact your ISP.

Address Mode:  Dynamic IP  Static IP

IP Address : 1.0.0.0

User Name :

Password :

Verify Password :

Service Name : (Optional)

Note: You may also need to provide a Service Name. If you do not have or know the information, please contact your ISP.

Click Next

If you selected PPTP, enter your PPTP settings supplied by your ISP and your PPTP username and password. Click **Next** to continue.

**SET USERNAME AND PASSWORD CONNECTION (PPTP)**

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

Address Mode:  Dynamic IP  Static IP

PPTP IP Address : 1.0.0.0

PPTP Subnet Mask : 0.0.0.0

PPTP Gateway IP Address : 0.0.0.0

PPTP Server IP Address (may be same as gateway) :

User Name :

Password :

Verify Password :

Note: You may also need to provide a Service Name. If you do not have or know the information, please contact your ISP.

Click Next

If you selected L2TP, enter your L2TP settings supplied by your ISP and your L2TP username and password. Click **Next** to continue.

**SET USERNAME AND PASSWORD CONNECTION (L2TP)**

To set up this connection you will need to have a Username and Password from your Internet Service Provider. You also need L2TP IP address. If you do not have this information, please contact your ISP.

Address Mode:  Dynamic IP  Static IP

L2TP IP Address: 0.0.0.0

L2TP Subnet Mask: 0.0.0.0

L2TP Gateway IP Address: 0.0.0.0

L2TP Server IP Address (may be same as gateway):

User Name:

Password:

Verify Password:

Prev Next Cancel

Click **Next**

If you selected Big Pond, select your authentication server from the drop down menu. You will also need to enter your Big Pond username and password. Click **Next** to continue.

**SET USERNAME AND PASSWORD CONNECTION (BIGPOND)**

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

Auth Server: pp-server

Bigpond Server IP Address (may be same as gateway):

Bigpond User Name:

Bigpond Password:

Bigpond Verify Password:

Prev Next Cancel

Click **Next**

If you selected Static, enter your network settings supplied by your Internet provider. Click **Next** to continue.

**SET STATIC IP ADDRESS CONNECTION**

To set up this connection you will need to have a complete set 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

Primary DNS Address:

Secondary DNS Address:

Prev Next Cancel

Click **Next**

If you selected Russian PPPoE, enter your PPPoE username and password. Click **Next** to continue. Select **Static** if your ISP assigned you the IP address, subnet mask, gateway, and DNS server addresses.

**Note:** Make sure to remove your PPPoE software from your computer. The software is no longer needed and will not work through a router.

**SET USERNAME AND PASSWORD CONNECTION (RUSSIAN 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.

Address Mode:  Dynamic IP  Static IP

IP Address: 0.0.0.0

User Name: \_\_\_\_\_

Password: \_\_\_\_\_

Verify Password: \_\_\_\_\_

Service Name: \_\_\_\_\_ (Optional)

WAN Physical Address Mode:  Dynamic IP  Static IP

WAN Physical IP Address: 0.0.0.0

WAN Physical Subnet Mask: 0.0.0.0

WAN Physical Primary DNS Address: \_\_\_\_\_

WAN Physical Secondary DNS Address: \_\_\_\_\_

Note: You may also need to provide a Service Name. If you do not have or know this information, please contact your ISP.

Click **Next**

If you selected Russian PPTP, enter your PPTP settings supplied by your ISP and your PPTP username and password. Click **Next** to continue.

**SET USERNAME AND PASSWORD CONNECTION (RUSSIAN PPTP)**

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

PPTP Server IP Address (may be same as gateway): \_\_\_\_\_

User Name: \_\_\_\_\_

Password: \_\_\_\_\_

Verify Password: \_\_\_\_\_

WAN Physical Address Mode:  Dynamic IP  Static IP

WAN Physical IP Address: 0.0.0.0

WAN Physical Subnet Mask: 0.0.0.0

WAN Physical Gateway IP Address: 0.0.0.0

WAN Physical Primary DNS Address: \_\_\_\_\_

WAN Physical Secondary DNS Address: \_\_\_\_\_

Click **Next**

Click **Connect** to save your settings. Once the router is finished rebooting, click **Continue**. Please allow 1-2 minutes to connect.

Close your browser window and reopen it to test your Internet connection. It may take a few tries to initially connect to the Internet.

**SETUP COMPLETE!**

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

Click **Connect**

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# Technical Support

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 or by phone.

## United States

### Telephone

(877) 354-6555

### World Wide Web

<http://support.dlink.com>

## Canada

### Telephone

(877) 354-6560

### World Wide Web

<http://support.dlink.com>



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