

D-LINK DIR-1750

AC1750 Wireless Router Installation Guide



Purpose

This guide will assist you in the basic installation and setup of the D-Link DIR-1750 wireless home router and is written for Windows Vista, Windows 7/8/10, and MAC Operating systems. The initial configuration **must** be completed through a **hard-wired** Ethernet cable from your computer to the router.

Hardware Installation

1. Connect the **Ethernet** port of your computer to the port labeled “**1**” on your DIR-1750.
2. Connect an Ethernet cable from the **Internet** port on the DIR-1750 to the **Data** jack or wall jack going to the internet.
3. Use the **Power Adapter** to connect the **POWER** socket to an appropriate power source.

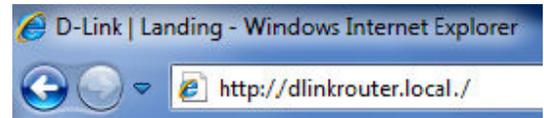
Notes: Be aware that many things may interfere with the signal of your DIR-1750.

Such as:

- o Other electronic equipment.
- o Other wireless devices.
- o 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.
- o Be aware of the direct line between network devices. A wall that is 1.5 feet thick, at a 45-degree angle appears to be almost 3 feet thick. At a 2-degree angle it looks over 42 feet thick! Position devices so that the signal will travel straight through a wall or ceiling (instead of at an angle) for better reception.
- o 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.
- o Keep your product away (at least 3-6 feet or 1-2 meters) from electrical devices or appliances that generate RF noise.
- o If you are using 2.4 GHz 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 2.4 GHz 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.

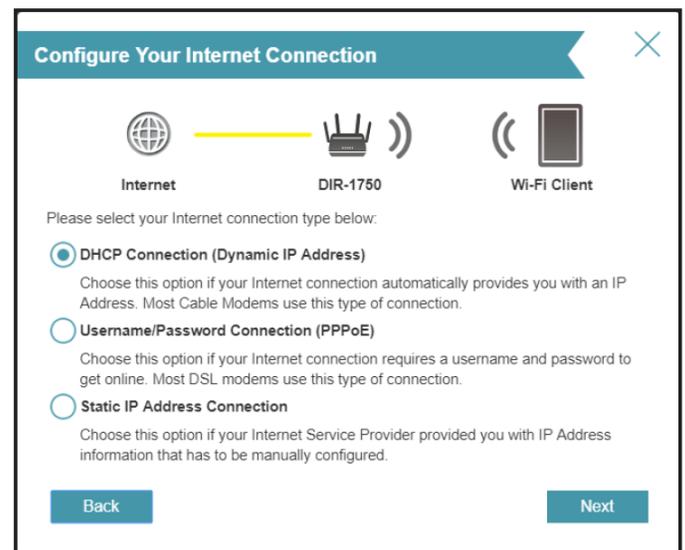
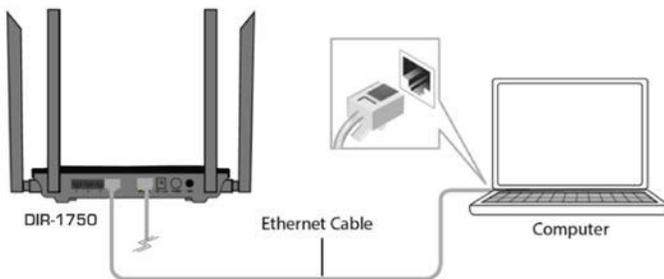
Note: The following steps are only required for the initial router setup.

1. Open your web browser (e.g., Internet Explorer, Chrome, Firefox, or Safari). This will automatically launch the Setup Wizard. If the wizard does not start automatically, you can enter `http://dlinkrouter.local/` or the IP address of the router (192.168.0.1).



2. The wizard will guide you through a step-by-step process to configure your new D-Link router and connect to the Internet. When the welcome screen appears, click Next to continue. Wait a few moments while your router detects your Internet connection type.

If the router does not detect the type of Internet connection you have, you will see a list of connection types. Select DHCP Connection (Dynamic IP Address). Click Next to continue.



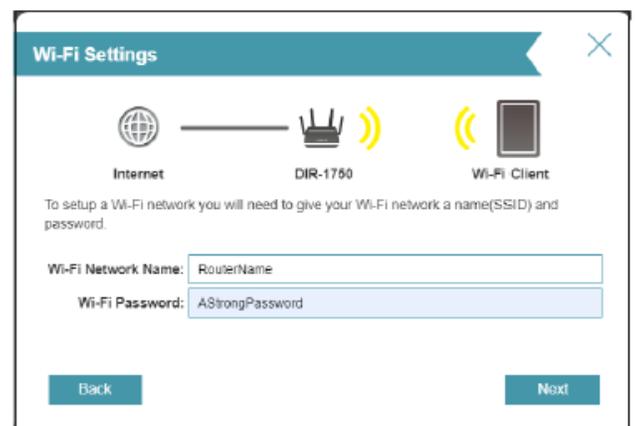
3. For both the 2.4GHz and 5GHz bands, create a Wi-Fi network name (SSID) using up to 32 characters.

Network Name:

- o Enter a descriptive name (up to 32 characters). Try not to use a name for the **SSID** that will identify who you are. Examples –
Poor: JohnSmithNetwork
Better: PrettyFly4aWiFi
- o If you change this field on the DIR-1750, make sure all wireless clients use this same SSID to access the network.
- o Document your **SSID** on the last page.

Create a Wi-Fi Password:

- o Between 8-63 characters. Your wireless devices will need to have this password to be able to connect to your wireless network.
- o Try not to use something someone could easily guess. Such as your pets name.
- o Document your new **Password** on the last page of this document.

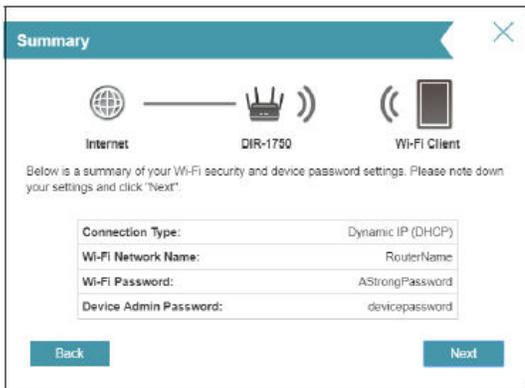
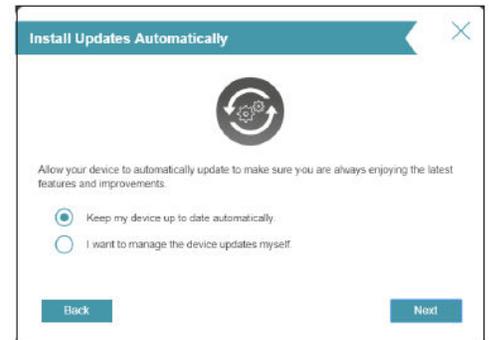
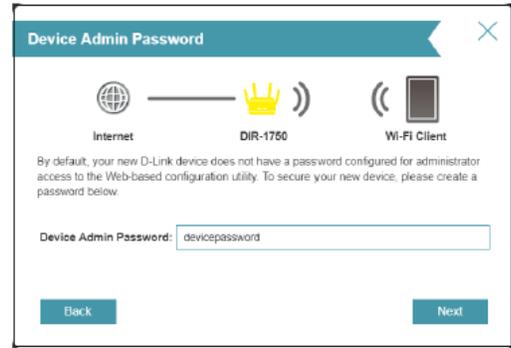


Click Next to continue.

- In order to secure your DIR-1750, enter a new Admin Password. You will be prompted for this password every time you want to use the router's web configuration utility.

Document your **Wireless Network Name (SSID)** and **Wireless password** on the last page. Click Next to continue

- Keeping your router's firmware up-to-date provides you with the latest protection and new features over the air. Choose whether to keep your device up-to-date automatically (recommended) or to manage the device updates by yourself.
- The Summary window will display your settings. Click **Back** if you find it necessary to make changes. When the settings are correct, make a note of the of them so you can configure your Wi-Fi devices. Click Next to continue.
- At the end of the wizard, you will see a final summary of your settings. Click Finish to close the wizard.



Note: Once the initial installation/activation of the DIR-1750 is complete, you are now free to remove the Ethernet cable from the computer to the LAN port on the back of the router if you plan to use your computer wirelessly. To add more devices to the DIR-1750, simply plug the devices into the AC outlet and follow the manufacturer's recommended procedure for connecting Wi-Fi devices.

Maintain This Information

Admin User Name	
Admin Password	
2.5GHz SSID	
2.5 GHz Wireless Password	
5.0GHz SSID	
5.0GHz Wireless Password	