



Install Guide

Version 1.00

DI-724U

Wireless 108G QoS Router

System Requirements

- Ethernet-based Cable or DSL Modem
- Computers with Windows, Macintosh, or Linux-based operating systems with an installed Ethernet adapter
- Internet Explorer Version 6.0 or Netscape Navigator 7.0 and above

Package Contents



**DI-724U
Wireless G QoS Router**



**CD-ROM
with
Manual & Installation Wizard**



CAT5 Ethernet Cable



5V AC Power Adapter



Using a power supply with a different voltage rating will damage this product and void the warranty.

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

Hardware Overview

Front Panel

WAN LED

A solid light indicates a connection on the WAN port. This LED blinks during data transmission.

USB LED

A solid light indicates a connection on the USB port. This LED blinks during data transmission.

Power LED

A solid light indicates a proper connection to the proper power supply.



Status LED

A blinking light indicates that the DI-724U is functioning properly.

Local Network LEDs

A solid light on each port indicates a connection to an Ethernet enabled computer. These LEDs blink during data transmission.

WLAN LED

A solid light indicates that the wireless segment is ready. This LED blinks during wireless data transmission.

Back Panel Connections

Antenna

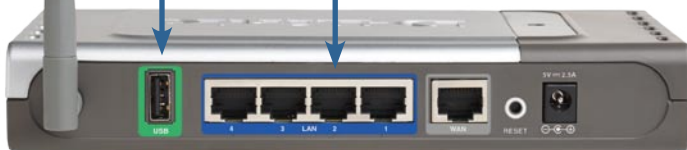
Used to connect to 802.11g or 802.11b wireless adapters.

USB PORT

Connection for a USB printer.

LAN PORTS

These are the connections for Ethernet cables to Ethernet-enabled computers.



WAN PORT

This is for the connection of an Ethernet cable to your Cable or DSL modem.

Power Receptor

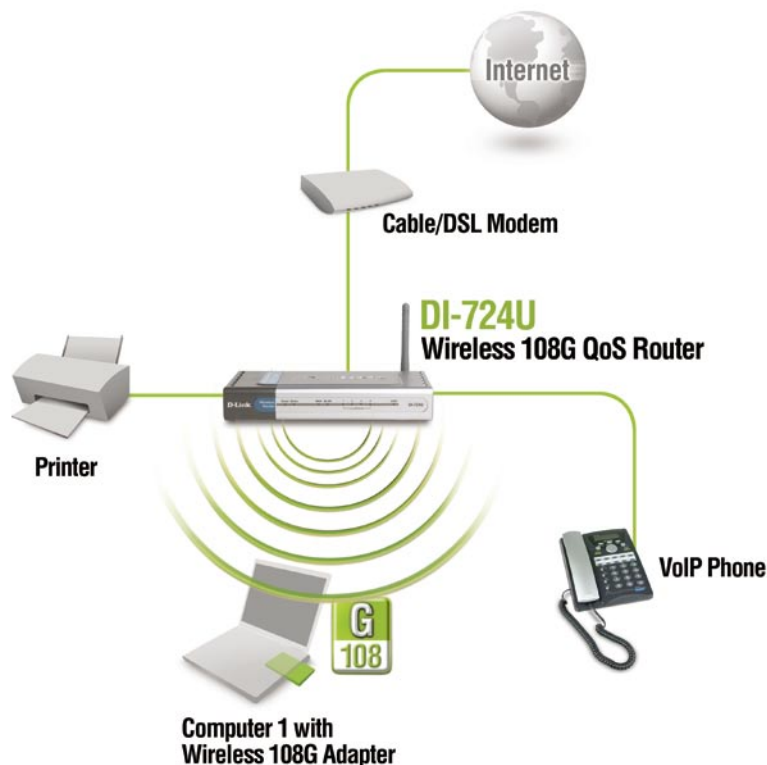
Reset Button

Pressing this button restores the Router to its original factory default settings.

Connecting The DI-724U Wireless G QoS Router To Your Network

- A.** First, connect the power adapter to the receptor at the back panel of the DI-724U and then plug the other end of the power adapter to a wall outlet or power strip. The Power LED will turn ON to indicate proper operation.
- B.**
 - 1. Power off your Cable or DSL modem; some devices may not have a on/off switch and will require you to unplug the power adapter. Now, the DI-724U should be powered on and the Cable/DSL modem should be turned off.
 - 2. Cable/DSL modem (**Power Off**) – DI-724U (**Power On**)
Connect an Ethernet cable to the Ethernet jack located on the Cable/DSL modem. After the Ethernet cable is securely connected, power on the Cable/DSL modem by turning on the unit or plugging in the power adapter.
 - 3. Cable/DSL modem (**Power On**) – DI-724U (**Power On**)
Insert the other end of the Ethernet cable to the WAN PORT on the back panel of the DI-724U. The WAN LED light will illuminate to indicate proper connection. If the WAN LED is not illuminated, please go back to step B1 and repeat the instructions.
- C.** Insert an Ethernet cable to LAN port 1 on the back panel of the DI-724U and an available Ethernet port on the network adapter in the computer you will use to configure the DI-724U. The LED light for LAN Port 1 will illuminate to indicate proper connection. (**Note:** The LAN Ports on the DI-724U are Auto-MDI/MDIX. Meaning you can use a straight-through or crossover Ethernet cable to the LAN Ports.)
- D.** Computers equipped with 802.11g wireless adapters will be able to connect to the DI-724U. The DWL-G650 *AirPlus Xtreme G* Wireless Cardbus Adapter and the DWL-G520 *AirPlus Xtreme G* Wireless PCI Adapter will be able to connect out of the box with the router using their default wireless settings.

Getting Started



Please remember that **D-Link Wireless 108G** devices are pre-configured to connect together, right out of the box, with their default settings.

Using The Setup Wizard

Open your Web browser and type “**http://192.168.0.1**” into the URL address box. Then press the **Enter** or **Return** key.



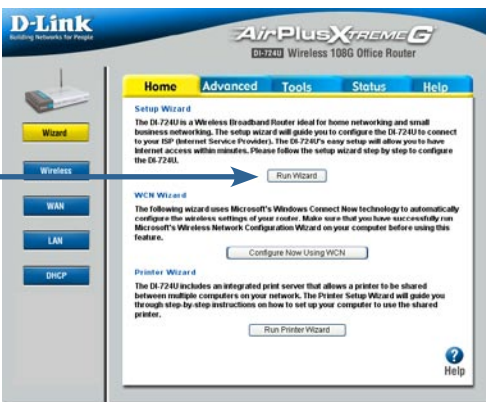
The logon screen will appear.

Select “**admin**” from the username drop down menu and leave the password field blank.



Click **Log In**

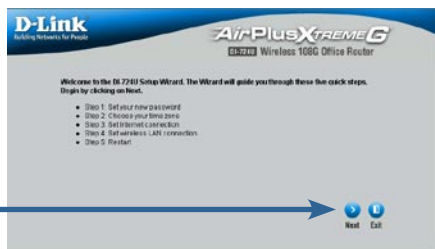
Once you have logged in, the **Home** screen will appear.



Click **Run Wizard**

You will see the following screens:

Click **Next**



Set up your new password.

You have the option to establish a password for the username “admin”.

Click **Next**



Choose your time zone

from the drop down list.

Click **Next**



Select your Internet Connection.

You will be prompted to select the type of Internet connection for your router.

! If you are unsure of which setting to select, please contact your Internet Service Provider.



Click **Next**

If you selected **Dynamic IP Address**, this screen will appear: (Used mainly for Cable Internet service.)

Click the **"Clone MAC Address"** button to automatically copy the MAC address of the network adapter in your computer. You can also manually type in the MAC address.



Click **Next**

! This setup should be done on the computer that is registered on the ISP's network.

If your ISP requires a **Static IP Address**, and this option is selected, then this screen will appear:

The screenshot shows the 'Set Static IP Address' screen of the D-Link AirPlus Xtreme G Wireless 108G Office Router setup wizard. The title bar includes the D-Link logo and the product name. The main heading is 'Set Static IP Address'. Below it, a note says 'Enter in the static IP information provided to you by your ISP. Click Next to continue.' There are six input fields: 'WAN IP Address' (0.0.0.0), 'Subnet Mask' (255.255.255.0), 'Gateway Address' (0.0.0.0), 'Primary DNS Address' (0.0.0.0), and 'Secondary DNS Address' (0.0.0.0). At the bottom right are three buttons: 'Back', 'Next', and 'Exit'.

Click **Next**

If your ISP uses **PPPoE** (Point-to-Point Protocol over Ethernet), and this option is selected, then this screen will appear: (Used mainly for DSL Internet service.)

The screenshot shows the 'Set PPPoE' screen of the D-Link AirPlus Xtreme G Wireless 108G Office Router setup wizard. The title bar includes the D-Link logo and the product name. The main heading is 'Set PPPoE'. Below it, a note says 'The service name is optional but may be required by your ISP. Click Next to continue.' There are four input fields: 'User Name', 'Password', 'Verify Password', and 'Service Name (optional)'. At the bottom right are three buttons: 'Back', 'Next', and 'Exit'.

Click **Next**

Please be sure to remove any existing PPPoE client software installed on your computers.

Wireless Setup

The default wireless settings for your 802.11g wireless network are:

SSID = **default**

Channel = **6**

You can change these settings to match an existing wireless network.



Click **Next**

If you wish to use encryption for your 802.11g network, the DI-724U is capable of two types of wireless encryption WEP and WPA. By default the encryption is disabled. You can change the encryption settings for more secure wireless communication.



Click **Next**

Your Setup is Complete!



Click **Restart**

Test Internet Connection

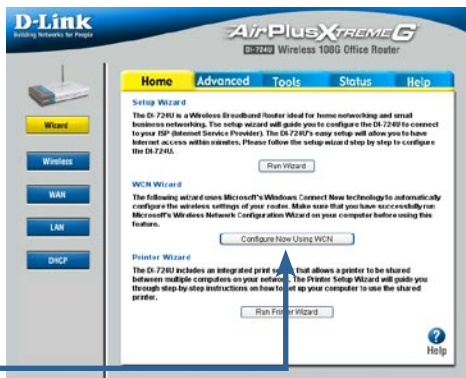
You will be returned to the **Home** tab. Close the web browser window and **relaunch** your Web browser (i.e., *Internet Explorer* or *Netscape Navigator*), to link to your favorite Web site to test your Internet connection.

For additional settings or information, refer to the **Advanced**, **Tools**, or **Status** tabs on the web-management interface; or to the Manual located on the CD.

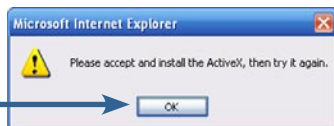
Configure Wireless Settings Using WCN Wizard

The WCN wizard will copy the wireless settings from the computer being used to access the router. This computer needs to be running Windows XP with Service Pack 2 installed, and needs to have already gone through the Wireless Network Setup Wizard.

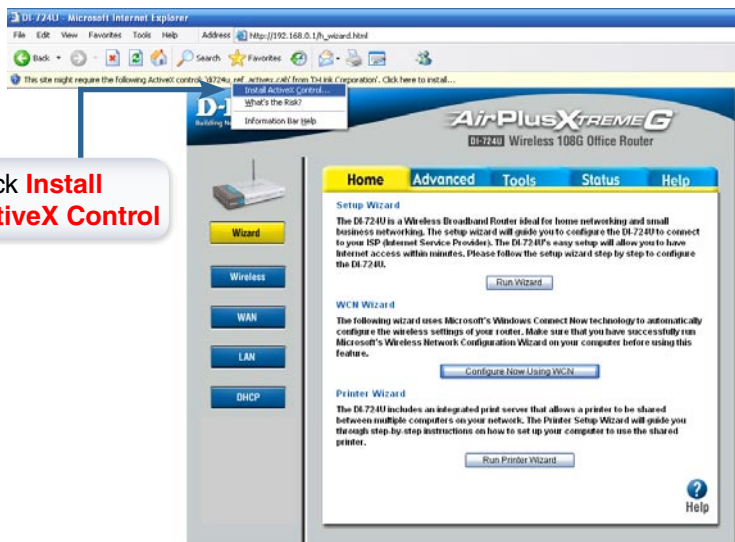
Click **Configure Now Using WCN**



Click **OK**



Click **Install ActiveX Control**



Click **Install**

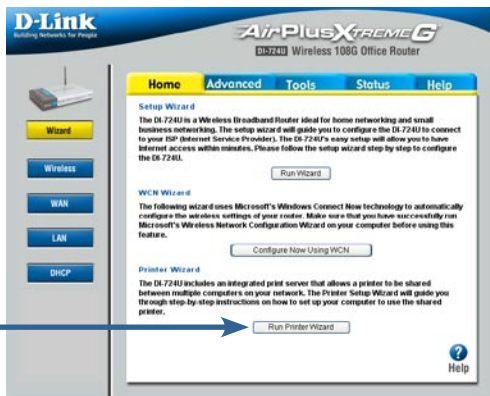
After installing Active X, click the "Configure Now Using WCN" button again to launch this next screen.

Click **Reboot**Click **OK**

Using The Printer Wizard

Make sure your printer is connected to the USB port on the router.

Click **Run Printer Wizard**



Click **Next**



The wizard will identify the make and model of your printer, as well as its status.

Click **Next**

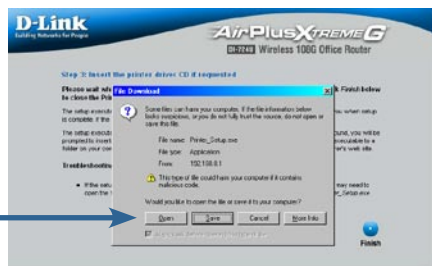


Click **Next** to run the Printer Setup application.

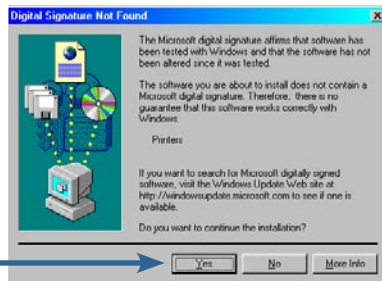


Click **Next**

Do not click **Save**. This application can only run when accessed from the router.



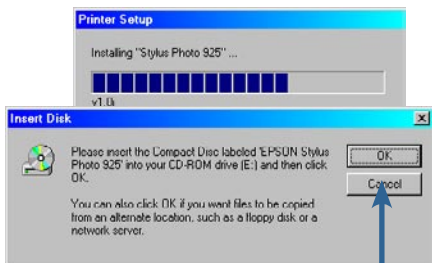
Click **Open**



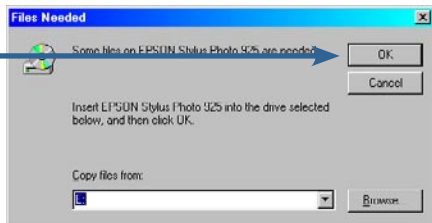
Click **OK**

You may need to supply the drivers for your printer if they are not built into windows.

Click **OK**



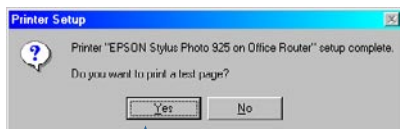
Click **OK**



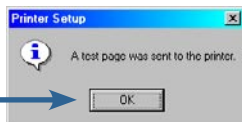
Select the location of the driver files for your printer.

Once the wizard has completed installing your printer, you will be prompted to print a test page to verify its functionality.

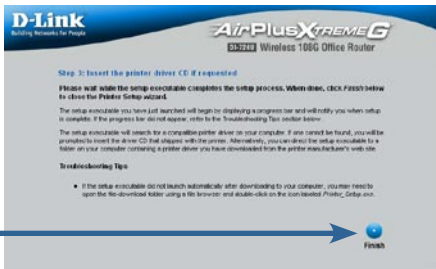
Click **Yes**



Click **OK**



Click **Finish**



To connect to the network, make sure the network adapter in your computer is configured properly. Here's how to configure the network adapter to obtain an IP address automatically for the DI-724U Wireless Broadband Router.

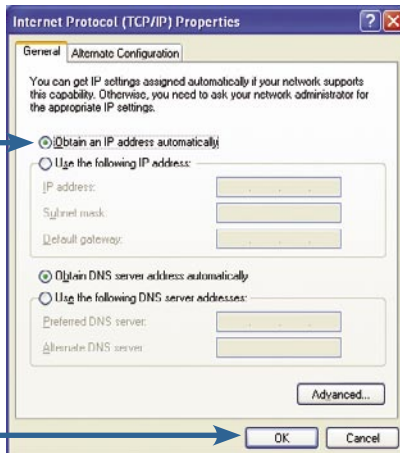
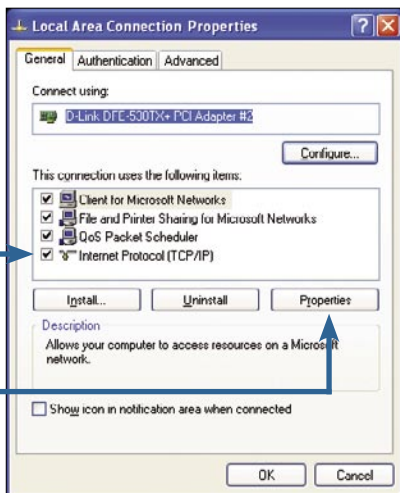
For **Microsoft Windows XP**: Go to **Start > right click on My Network Places > select Properties > Right click on the Network Connection associated with the Ethernet adapter and select Properties** (i.e., D-Link DFE-530TX+).

Click **Internet Protocol (TCP/IP)**

Click **Properties**

Select **Obtain an IP address automatically**

Click **OK**



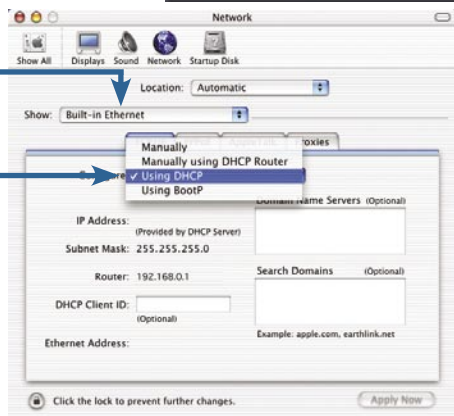
For Apple Macintosh OS X:

Go to the **Apple Menu** Click on **System Preferences** and Select **Network**

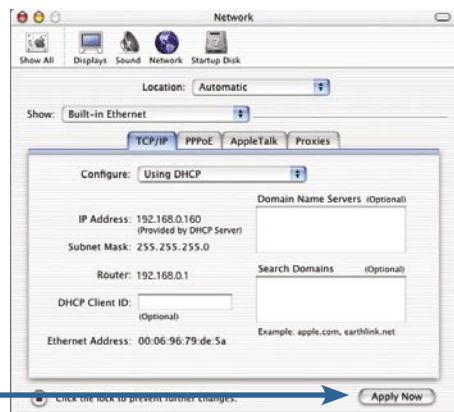
Click on **Network**

Select **Built-in Ethernet** in the Show pull down menu

Select **Using DHCP** in the Configure pull down menu



The IP address information, the Subnet Mask, the Router's IP address and the Ethernet adapter address will appear.



Click on **Apply Now**

Restart your computer (if necessary)

Technical Support

D-Link's website contains the latest user documentation and software updates for D-Link products.

D-Link provides free technical support for customers within the United States and Canada for the duration of the product's warranty period.

U.S. and Canadian customers can contact D-Link Technical Support through our website or by phone.

United States

Telephone

(877) 453-5465

Twenty four hours a day, seven days a week.

World Wide Web

<http://support.dlink.com>

E-mail

support@dlink.com

Canada

Telephone

(800) 361-5265

Monday through Friday, 7:30am to 3:00am EST.

Saturday and Sunday, 9:00am to 12:00am EST

World Wide Web

<http://support.dlink.ca>

E-mail

support@dlink.ca



Version 1.0

©2005 D-Link Corporation/D-Link Systems, Inc. All rights reserved. D-Link, the D-Link logo, and AirPlus Xtreme G are registered trademarks of D-Link Corporation or its subsidiaries in the United States and other countries. Other trademarks are the property of their respective owners. All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein. Visit www.dlink.com for more details.

DI-724U 08032005