D-Link
Building Networks for People

DI-724GU
Release I

Wireless 108G Gigabit QoS Router

Quick Install Guide

Business Class Networking

System Requirements

- Ethernet-based Cable or DSL Modem
- Computers with Windows®, Macintosh®, or Linux-based operating systems with an installed Ethernet adapter
- Internet Explorer 6.x and above, or Netscape® Navigator 7.0 and above

Package Contents

D-Link DI-724GU
Wireless 108G Gigabit QoS Router
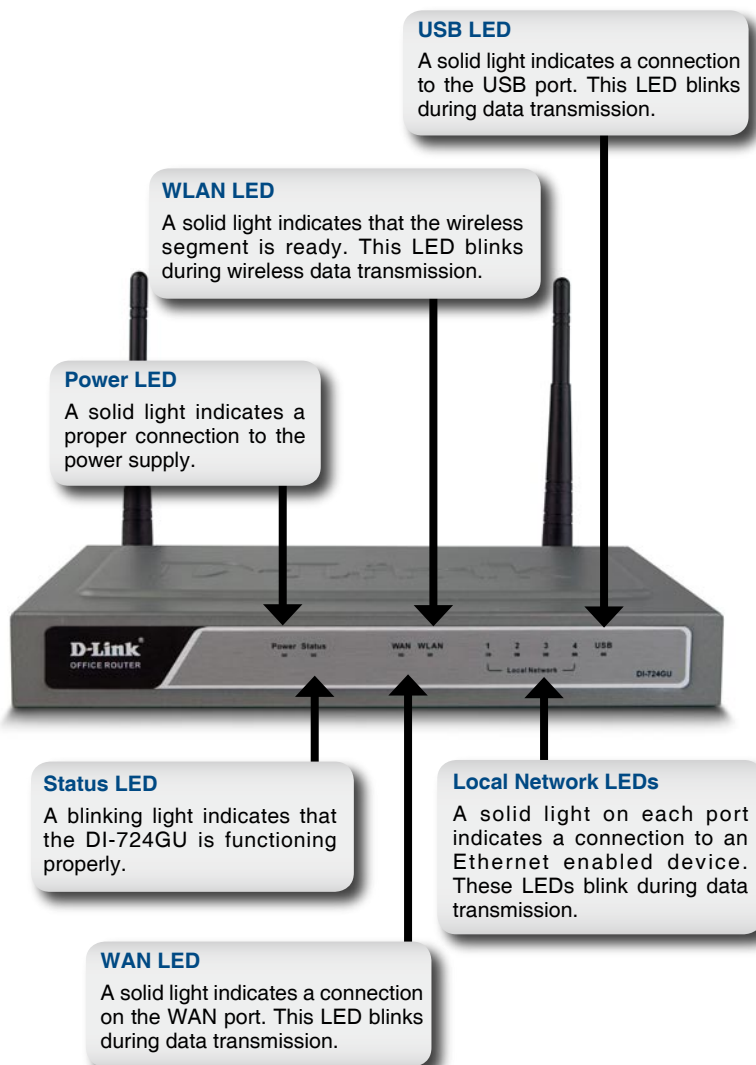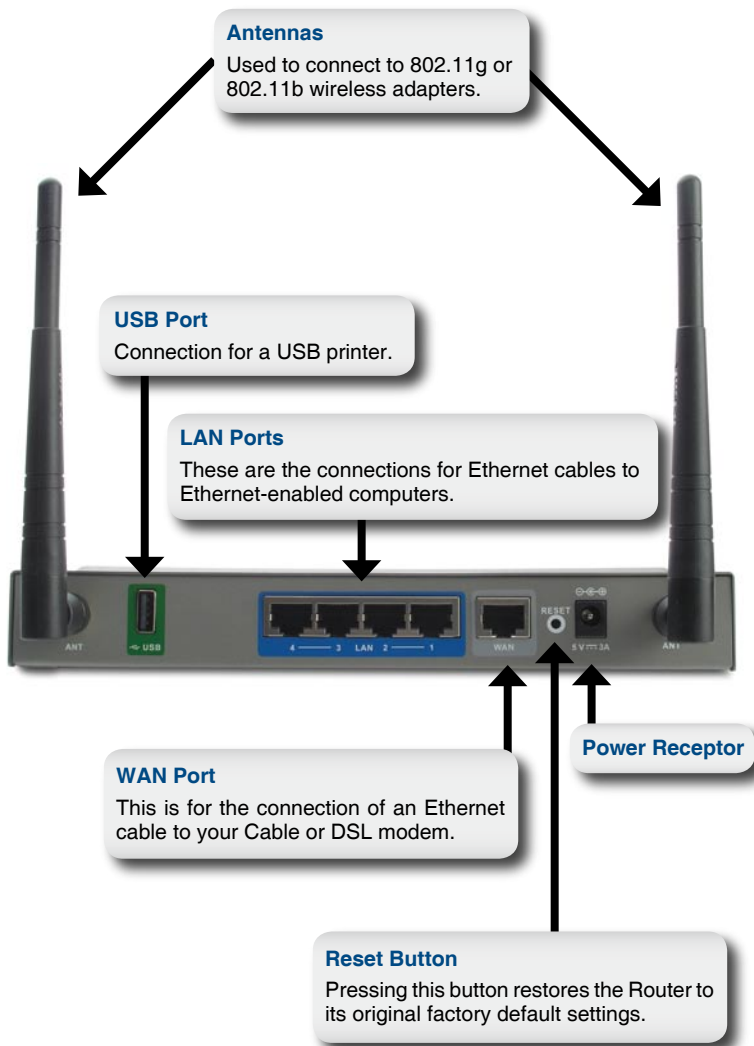

CD-ROM with
Manual

CAT5 Ethernet Cable

Power Adapter

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

Hardware Overview

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

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

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

Status LED
A blinking light indicates that the DI-724GU is functioning properly.

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

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

Antennas
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.

Power Receptor

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

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

Hardware Installation

A. First, connect the power adapter to the receptor at the back panel of the DI-724GU 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-724GU should be powered on and the Cable/DSL modem should be turned off.

2. Cable/DSL modem (Power Off) – DI-724GU (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-724GU (Power On) Insert the other end of the Ethernet cable to the WAN PORT on the back panel of the DI-724GU. 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-724GU and an available Ethernet port on the network adapter in the computer you will use to configure the DI-724GU. The LED light for LAN Port 1 will illuminate to indicate proper connection.

Note: The LAN Ports on the DI-724GU 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-724GU. The DWL-G650 *Air*Plus *Xtreme G* Wireless Cardbus Adapter and the DWL-G520 *Air*Plus *Xtreme G* Wireless PCI Adapter will be able to connect out of the box with the router using their default wireless settings.

Getting Started

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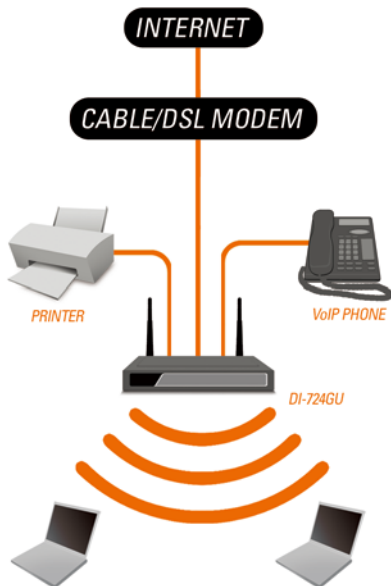
Please remember that **D-Link Wireless 108G** devices are pre-configured to connect together, right out of the box, with their default settings.

Configuration

This section will show you how to configure your new D-Link Wireless 108G Gigabit QoS Router using the D-Link Setup Wizard.
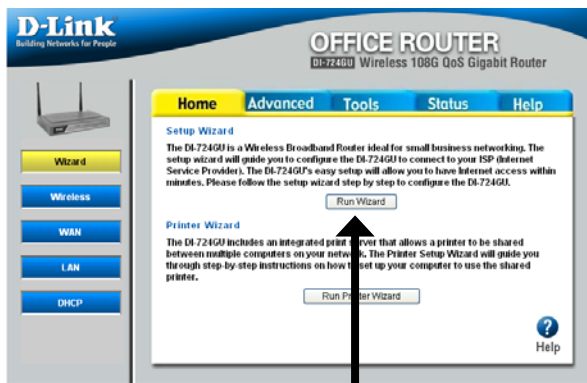
Open your Web browser and type **"http://192.168.0.1"** into the URL address box. Then press the **Enter** or **Return** key.
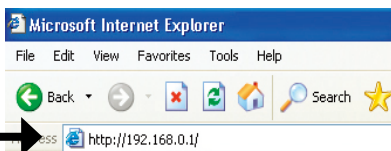
Select **"Admin"** from the User Name drop down menu and leave the password field blank.

Click **Log In**

Click **Run Wizard**

Click **Next**

You have the option to establish a password for the User Name "Admin".
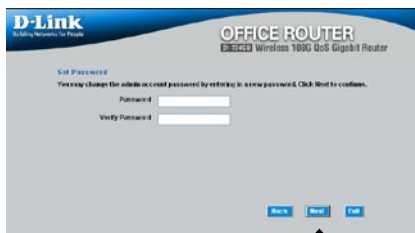
Click **Next**

Choose your time zone from the drop down list.

Click **Next**

Dynamic IP Address

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.

Static IP Address - page 10
PPPoE - page 11
PPTP - page 12
L2TP - page 13
Big Pond - page 14

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**

Continue to page 15

Static IP Address

If your ISP requires a Static IP Address, please select the corresponding radio button.

Click **Next**

Enter the IP address that was originally provided to you by your ISP. You will need to complete all of the required fields.

Click **Next**

Continue to page 15

PPPoE

If your ISP uses PPPoE (Point-to-Point Protocol over Ethernet), select the corresponding radio button.

Click **Next**

If you have a Dynamic IP connection, enter the User Name and Password provided to you by your ISP.

Click **Next**

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

Continue to page 15

PPTP

If your ISP uses PPTP (Point to Point Tunneling Protocol), select the corresponding radio button.

Click **Next**

If you have a Dynamic IP connection, enter the Server IP, PPTP Account, and Password provided to you by your ISP.

Click **Next**

If you have a Static IP connection, enter the IP Address, Subnet Mask, Gateway IP Address, Server IP, PPTP Account, and Password provided to you by your ISP.

Click **Next**

Continue to page 15

L2TP

If your ISP uses L2TP (Layer Two Tunneling Protocol), select the corresponding radio button.

Click **Next**

If you have a Dynamic IP connection, enter the L2TP Server IP Address, User Name, and Password provided to you by your ISP.

Click **Next**

If you have a Static IP connection, enter the L2TP IP Address, Subnet Mask, Gateway IP Address, L2TP Server IP, User Name, and Password provided to you by your ISP.

Click **Next**

Continue to page 15

Big Pond

Select this option if you connect to the internet through Telstra BigPond Cable Broadband in Australia.

Click **Next**

Enter the User Name, and Password provided to you by your ISP.

Click **Next**

Continue to page 15

Wireless Setup

The default wireless settings for
your 802.11g wireless network
are:
SSID = **dlink**
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-
724GU is capable of two types
of wireless encryption WEP
and WPA-PSK. By default the
encryption is disabled. You can
change the encryption settings
for more secure wireless
communication.

Click **Next**

WEP

There are two levels of WEP
encryption: 64-bit and 128-bit
(using only Hexadecimal). You
can change the encryption
settings for more secure
wireless communication.

Click **Next**

WPA-PSK

Enter a PassPhrase that is between 8 to 63 characters and is alphanumeric.

Click **Next**

Your Setup is Complete!

Click **Restart**

Test Internet Connection

You will be returned to the **Home** tab. Close this web browser window and open a new one (i.e., *Internet Explorer* or *Netscape® Navigator*). 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.

Printer Wizard

Make sure your printer is connected to the USB port on the router.
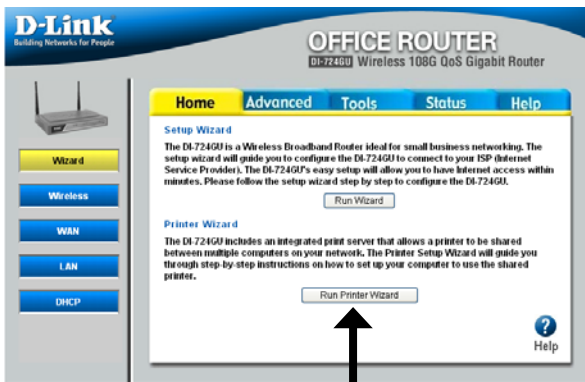
Click **Run Printer Wizard**

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**

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

Click **Run**

Click **Run**

Printer Setup

Installing "Stylus Photo 925" ...

v1.1i

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

Printer Setup

Cannot find a pre-installed driver for "Stylus Photo 925".
Please insert the driver CD that shipped with the printer and close any resulting pop-up windows.
Use the file browser to select the CD drive (or other driver location).

Select 'OK' to select the driver location.
Select 'Cancel' to cancel setup.

OK   Cancel

Click **OK**

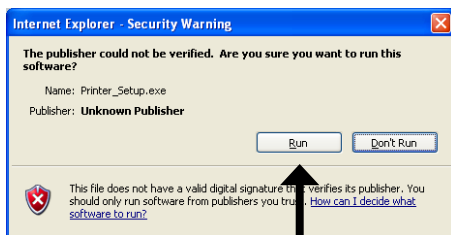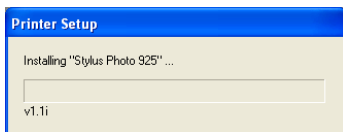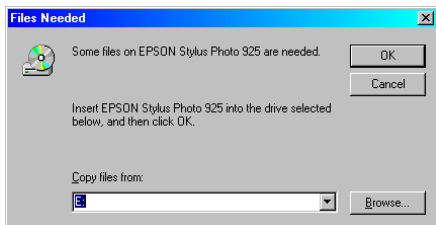Click **Browse** to locate the driver and then click **OK**.

Files Needed

Some files on EPSON Stylus Photo 925 are needed.

OK

Cancel

Insert EPSON Stylus Photo 925 into the drive selected below, and then click OK.

Copy files from:

E   ▼   Browse...

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

Printer Setup

A test page was sent to the printer.

OK

Click **OK**

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OFFICE ROUTER
DI-724GU Wireless 108G QoS Gigabit Router

Step 3: Insert the printer driver CD if requested

Please wait while the setup executable completes the setup process. When done, click Finish below to close the Printer Setup wizard.

The setup executable you have just launched will begin by displaying a progress bar and will notify you when setup is complete. If the progress bar does not appear, refer to the Troubleshooting Tips section below.

The setup executable will search for a compatible printer driver on your computer. If one cannot be found, you will be prompted to insert the driver CD that shipped with the printer. Alternatively, you can direct the setup executable to a folder on your computer containing a printer driver you have downloaded from the printer manufacturer's web site.

Troubleshooting Tips

• If the setup executable did not launch automatically after downloading to your computer, you may need to open the file-download folder using a file browser and double-click on the icon labeled *Printer_Setup.exe*.
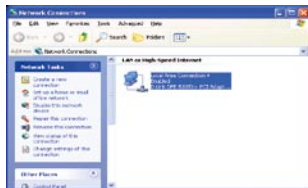
Finish

Click **Finish**

Appendix

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-724GU Wireless Broadband Router.
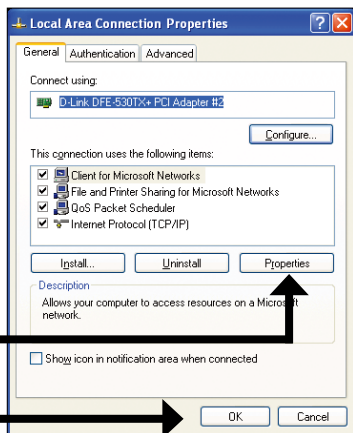
For **Microsoft Windows® XP:**

Right click on **My Network Places** and select **Properties.** Right click on the **Network Connection** associated with the Ethernet adapter and select **Properties** (i.e., D-Link DFE-530TX+).
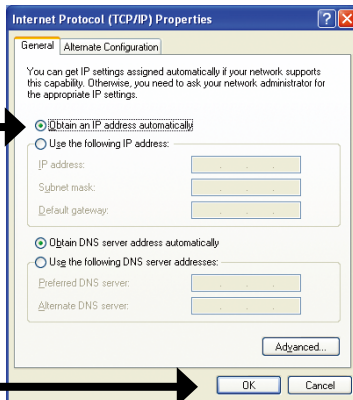
Click **Internet Protocol (TCP/IP)** and then click **Properties.**

Click **OK**

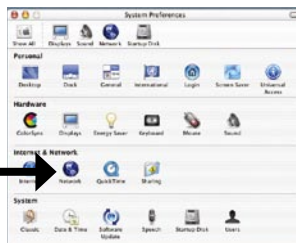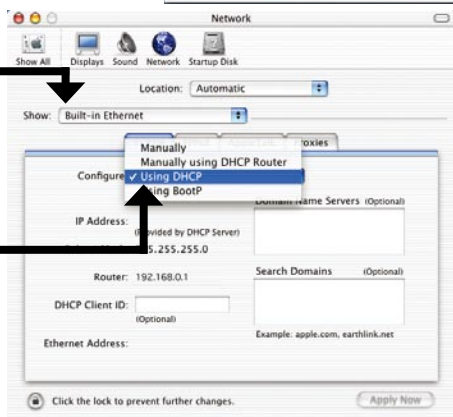Select **Obtain an IP Address automatically**.

Click **OK**

For **Apple Macintosh® OS X:**

Go to the **Apple Menu** and click on **System Preferences**, and select **Network**.
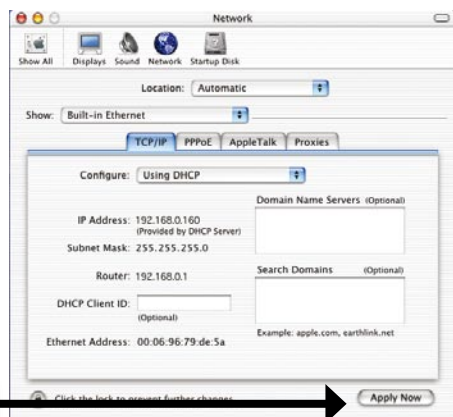
Click **Network**

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 **Apply Now** and restart your computer (if necessary).

Notes

Notes

Technical Support

You can find software updates and user documentation on the D-Link websites.

If you require product support, we encourage you to browse our FAQ section on the Web Site before contacting the Support line. We have many FAQ's which we hope will provide you a speedy resolution for your problem.

For Customers within
The United Kingdom & Ireland:

D-Link UK & Ireland Technical Support over the Internet:

http://www.dlink.co.uk
ftp://ftp.dlink.co.uk

D-Link UK & Ireland Technical Support over the Telephone:

08456 12 0003 (United Kingdom)
+1890 886 899 (Ireland)
Lines Open
8.00am-10.00pm Mon-Fri
10.00am-7.00pm Sat & Sun

For Customers within Canada:

D-Link Canada Technical Support over the Telephone:
1-800-361-5265 (Canada)
Mon. to Fri. 7:30AM to 9:00PM EST

D-Link Canada Technical Support over the Internet:
http://support.dlink.ca
email: support@dlink.ca

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