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> [D-Link DI-624 Wireless Router User Manual](#)

D-Link DI-624

D-Link DI-624 Wireless Router User Manual

Model: DI-624 | Brand: D-Link

PRODUCT OVERVIEW

The D-Link DI-624 is an 802.11g ultra high-speed Wireless Router designed for Cable/DSL internet connections. It offers transfer speeds up to 108 Mbps at 2.4 GHz. This device integrates a 4-port switch and provides advanced features for network management and security.

Key Features

- Up to 108 Mbps wireless transfer speed with AirPlus Xtreme G products.
- Advanced firewall and parental control capabilities.
- Backwards compatible with all 802.11b and 802.11g wireless devices.
- Enhanced security with 802.1X wireless user authentication and WPA (Wi-Fi Protected Access).
- Robust security features to protect the wireless network from unauthorized access.
- Network Address Translation (NAT) for sharing a single IP address and protecting the private network.
- Support for multiple/concurrent VPN sessions for enhanced security for VPN clients.

PACKAGE CONTENTS

Please inspect the package carefully to ensure all components are included.



Image: The D-Link DI-624 Wireless Router, power adapter, Ethernet cable, Quick Installation Guide, and CD-ROM are shown inside the product box.

- D-Link DI-624 AirPlus Xtreme G 2.4GHz Wireless Router
- Power Adapter
- Ethernet Cable (CAT5 UTP Straight-Through)
- Quick Installation Guide
- CD-ROM (containing Manual and Warranty)

SETUP GUIDE

Before You Begin

Ensure you have the following before starting the installation:

- An active Cable or DSL Internet connection.
- An account with an Internet Service Provider (ISP).
- A computer with an Ethernet network adapter or wireless capability.
- Your ISP-provided modem (Cable or DSL).

Hardware Installation

1. **Power Off Devices:** Disconnect power from your Cable/DSL modem and your computer.
2. **Connect Modem to Router:** Connect one end of an Ethernet cable to the Ethernet port on your Cable/DSL modem and the other end to the **WAN** port on the back of the DI-624 router.
3. **Connect Computer to Router:** Connect another Ethernet cable from your computer's network adapter to one of the **LAN** ports (1, 2, 3, or 4) on the back of the DI-624 router. For wireless setup, this step can be skipped after initial configuration.
4. **Power On Modem:** Connect the power adapter to your Cable/DSL modem and power it on. Wait for the modem's indicator lights to stabilize, indicating a successful connection.
5. **Power On Router:** Connect the provided power adapter to the DI-624 router's power input and plug it into a wall outlet. The Power LED on the router should illuminate.
6. **Power On Computer:** Power on your computer.

Initial Configuration (Web-Based Utility)

1. Open a web browser (e.g., Internet Explorer, Firefox, Chrome) on the computer connected to the router.
2. In the address bar, type `http://192.168.0.1` (this is the default IP address for the DI-624) and press Enter.
3. A login prompt will appear. The default username is `admin` and the default password field should be left blank. Click "Log In".
4. Follow the on-screen setup wizard to configure your Internet connection settings (e.g., PPPoE, Dynamic IP, Static IP, depending on your ISP) and wireless network settings (SSID, security key). It is highly recommended to change the default administrator password for security.

OPERATING INSTRUCTIONS

Connecting Wireless Devices

To connect a wireless device (laptop, smartphone, etc.) to your D-Link DI-624 router:

1. On your wireless device, scan for available Wi-Fi networks.
2. Select the Network Name (SSID) you configured during the initial setup (e.g., "dlink").
3. If you enabled wireless security (WPA/WPA2 is recommended), enter the pre-shared key or passphrase when prompted.
4. Once connected, your device should obtain an IP address automatically and have internet access.

Network Security

The DI-624 offers robust security features to protect your network:

- **WPA/WPA2 Encryption:** Use Wi-Fi Protected Access (WPA or WPA2) to encrypt your wireless data, preventing unauthorized access to your network.
- **802.1X Authentication:** For advanced wireless user authentication in corporate environments.
- **Firewall:** The built-in firewall protects your network from external threats. Configure firewall rules and port forwarding as needed for specific applications.
- **Network Address Translation (NAT):** NAT allows multiple devices on your local network to share a single public IP address, enhancing security by hiding internal IP addresses.

Advanced Features

- **Parental Control:** Utilize the advanced filter feature to block unwanted websites or restrict internet access during specific times.
- **VPN Passthrough:** The router supports VPN passthrough, allowing VPN clients on your network to establish secure connections to remote networks.

MAINTENANCE

Regular maintenance helps ensure optimal performance and security of your D-Link DI-624 router.

- **Firmware Updates:** Periodically check the D-Link support website for firmware updates. Firmware updates can provide new features, performance improvements, and security patches. Follow the instructions provided by D-Link carefully when updating firmware.
- **Regular Reboot:** Occasionally rebooting your router (power cycling it off and on) can resolve minor network issues and improve performance.
- **Physical Cleaning:** Keep the router in a well-ventilated area and periodically clean dust from its vents to prevent overheating.

TROUBLESHOOTING

This section addresses common issues you might encounter with your D-Link DI-624 Wireless Router.

No Internet Connection

- **Check Cables:** Ensure all Ethernet cables are securely connected to the correct ports on the modem, router, and computer.
- **Modem Status:** Verify that your Cable/DSL modem's indicator lights show a stable internet connection. If not, contact your ISP.
- **Router LEDs:** Check the WAN LED on the DI-624. It should be lit to indicate a connection to the modem. The WLAN LED should blink to indicate wireless activity.
- **Reboot Sequence:** Power off your modem, then your router, then your computer. Wait 30 seconds, then power on the modem, wait for it to stabilize, then power on the router, and finally your computer.

Slow Wireless Speed or Dropped Connections

- **Interference:** Other wireless devices (cordless phones, microwaves, neighboring Wi-Fi networks) can cause interference. Try changing the wireless channel in the router's settings.
- **Distance and Obstacles:** The further you are from the router, or if there are many walls/obstacles, the weaker the signal will be. Try moving closer or repositioning the router.

- **Firmware:** Ensure your router has the latest firmware installed.
- **Phone Line Interference:** If using a DSL connection, ensure you have DSL filters installed on all phones connected to the same line as the modem.

Cannot Access Router's Web-Based Utility

- **IP Address:** Ensure your computer is configured to obtain an IP address automatically (DHCP).
- **Default IP:** Confirm you are using the correct default IP address <http://192.168.0.1>).
- **Firewall/Antivirus:** Temporarily disable any software firewalls or antivirus programs on your computer that might be blocking access.

Resetting the Router to Factory Defaults

If you forget your password or encounter persistent issues, you can reset the router to its factory default settings.

1. With the router powered on, locate the small reset button on the back panel (often recessed).
2. Use a paperclip or a similar pointed object to press and hold the reset button for approximately 10 seconds.
3. Release the button. The router will reboot, and all settings will be restored to their original factory defaults. You will then need to reconfigure the router.

TECHNICAL SPECIFICATIONS

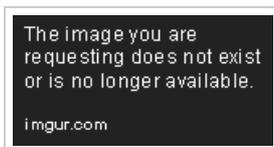


Image: A close-up of the D-Link DI-624 product box, highlighting the model number and a "3 Year Warranty (USA Only)" statement.

| Feature | Detail |
|---------------------------------|--|
| Model Name | DI-624 |
| Brand | D-Link |
| Wireless Communication Standard | 802.11g |
| Frequency Band Class | Dual-Band (Note: Product description mentions 2.4GHz, so this might refer to internal capabilities or a general class) |
| Connectivity Technology | Wireless |
| Compatible Devices | Personal Computer |
| Recommended Uses For Product | Security |
| Special Feature | WPS (Wi-Fi Protected Setup) |

| | |
|----------------------|---|
| Product Dimensions | 11 x 8.25 x 2.5 inches |
| Item Weight | 1.65 pounds (0.75 kg) |
| Manufacturer | D-Link Systems, Inc. |
| Operating System | Linux (likely refers to the router's internal OS) |
| Date First Available | May 2, 2006 |

WARRANTY AND SUPPORT

Warranty Information

The D-Link DI-624 Wireless Router typically comes with a **3 Year Warranty (USA Only)**. Please refer to the warranty card included in your package or visit the official D-Link website for the most current and detailed warranty terms and conditions.

Customer Support

For technical assistance, product registration, or to download the latest drivers and firmware, please visit the official D-Link support website. You can usually find support contact information (phone numbers, email) on their website or in the included documentation.

D-Link Support Website: www.dlink.com/support