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› D-Link Wireless N300 ADSL2+ 4-Port Wi-Fi Router DSL-2740U User Manual

D-Link DSL-2740U

D-Link Wireless N300 ADSL2+ 4-Port Wi-Fi Router User Manual

Model: DSL-2740U

INTRODUCTION

The D-Link DSL-2740U Wireless N300 ADSL2+ 4-Port Wi-Fi Router is a versatile and high-performance networking device designed for home and small office environments. It integrates an ADSL2/2+ modem, supporting download speeds up to 24 Mbps, a firewall for security, Quality of Service (QoS) for traffic prioritization, an 802.11n wireless LAN, and four Ethernet switch ports. This device provides a secure and high-speed connection to the internet, enabling seamless network experience for multiple users.

PACKAGE CONTENTS

- D-Link DSL-2740U Wireless N300 ADSL2+ 4-Port Wi-Fi Router
- Power Adapter
- Ethernet Cable
- ADSL Phone Cable
- Quick Installation Guide (not included in this manual)

PHYSICAL OVERVIEW

Familiarize yourself with the router's physical components, including ports, buttons, and indicator lights.



Figure 1: Front View. This image shows the front of the D-Link DSL-2740U router, featuring a series of indicator lights that display the status of power, DSL connection, Internet, Wi-Fi, and LAN ports.



Figure 2: Rear View. This image displays the back panel of the D-Link DSL-2740U router, highlighting the DSL port, four yellow Ethernet LAN ports, the WPS button, the 12V DC power input, and the Wireless ON/OFF switch.

Indicator Lights:

- **Power:** Indicates the router is powered on.
- **DSL:** Indicates a stable ADSL connection.
- **Internet:** Indicates successful internet connectivity.
- **WLAN:** Indicates wireless functionality is active.
- **LAN 1-4:** Indicates activity on the respective Ethernet ports.

Ports and Buttons:

- **DSL Port (RJ-11):** Connects to your ADSL line.
- **LAN Ports (RJ-45):** Four 10/100 Mbps Ethernet ports for wired devices.
- **WPS Button:** For easy wireless setup with WPS-compatible devices.
- **Reset Button:** Resets the router to factory default settings (press and hold for 10 seconds).
- **Power Input (12V DC):** Connects to the power adapter.
- **Wireless ON/OFF Button (Optional):** Toggles the wireless function.
- **Power ON/OFF Button:** Turns the device on or off.

SETUP

1. Hardware Connection

1. **Connect the ADSL Line:** Connect one end of the ADSL phone cable to the DSL port on the router and the other end to your ADSL wall jack or splitter.
2. **Connect Wired Devices (Optional):** Use an Ethernet cable to connect your computer or other wired devices to any of the yellow LAN ports (1-4) on the router.

3. **Connect Power:** Connect the power adapter to the 12V DC input on the router and plug the other end into a power outlet.
4. **Power On:** Press the Power ON/OFF button. Wait for the Power, DSL, and Internet indicator lights to become stable (green).

2. Initial Configuration (Web Interface)

1. **Access the Web Interface:** Open a web browser (e.g., Chrome, Firefox) on a computer connected to the router (either wired or wirelessly). In the address bar, type the default IP address of the router, usually <http://192.168.1.1>, and press Enter.
2. **Login:** A login prompt will appear. Enter the default username and password. Typically, both are *admin*. Refer to the label on the bottom of your router for exact default credentials.
3. **Run Setup Wizard:** Upon successful login, the router's web interface will appear. It is recommended to use the built-in Setup Wizard to configure your internet connection and wireless settings. Follow the on-screen instructions.
4. **Configure ADSL Settings:** You will need your ADSL connection details (VPI/VCI, connection type like PPPoE, username, and password) provided by your Internet Service Provider (ISP).
5. **Configure Wireless Settings:** Set a unique Wi-Fi Network Name (SSID) and a strong Wi-Fi Password (WPA2-PSK recommended).
6. **Save Settings:** After configuring, save your settings and restart the router if prompted.

OPERATING

Wireless Network Operation

The DSL-2740U supports 802.11n wireless standards, offering speeds up to 300 Mbps. It is also backward compatible with 802.11g and 802.11b devices, ensuring connectivity for a wide range of wireless equipment.

- **Connecting Devices:** Search for your Wi-Fi network (SSID) on your wireless devices (laptops, smartphones, tablets) and enter the Wi-Fi password you configured.
- **WPS (Wi-Fi Protected Setup):** For WPS-compatible devices, press the WPS button on the router and then activate WPS on your device within two minutes to establish a secure connection automatically.

Advanced Features

- **NAT (Network Address Translation):** Allows multiple devices on your local network to share a single public IP address.
- **DHCP Server:** Automatically assigns IP addresses to devices connected to your network.
- **Virtual Server (Port Forwarding):** Allows external users to access services (like web servers or gaming servers) on your local network.
- **DDNS (Dynamic DNS):** Enables access to your network resources using a domain name even if your public IP address changes.
- **QoS (Quality of Service):** Prioritizes network traffic to ensure smooth performance for applications like online gaming or video streaming.
- **Firewall (SPI):** The built-in Stateful Packet Inspection (SPI) firewall protects your network from unauthorized access and Denial of Service (DoS) attacks.
- **Wireless Security:** Supports WPA/WPA2 encryption for robust wireless security.

MAINTENANCE

Firmware Updates

Periodically check the D-Link support website for firmware updates. Firmware updates can improve performance, add new features, and fix security vulnerabilities. Download the correct firmware for your model and follow the instructions provided by D-Link for updating.

Backup and Restore Configuration

It is recommended to back up your router's configuration settings before making significant changes or performing a firmware update. This allows you to restore your settings quickly if needed. Look for "Backup Settings" or "Save Configuration" in the router's web interface.

Factory Reset

If you encounter persistent issues or forget your login credentials, you can perform a factory reset. Locate the Reset button on the back of the router (often a small pinhole button). With the router powered on, use a paperclip or similar pointed object to press and hold the Reset button for about 10 seconds until the lights flash. The router will then reboot with factory default settings.

TROUBLESHOOTING

Problem	Possible Solution
No Power Light	Ensure the power adapter is securely connected to the router and a working power outlet. Check the power button is ON.
DSL Light is Off or Blinking	Check the ADSL cable connection to the router and wall jack. Ensure your ADSL line is active. Contact your ISP if the issue persists.
Internet Light is Off	Verify your ADSL settings (VPI/VCI, username, password) in the router's web interface. Your ISP might be experiencing an outage.
Cannot Connect to Wi-Fi	Ensure the WLAN light is on. Check your Wi-Fi password. Try restarting the router.
Slow Internet Speed	Check for interference (cordless phones, microwaves). Ensure your router is placed centrally. Limit the number of connected devices or bandwidth-intensive activities. Contact your ISP.
Cannot Access Router Web Interface	Ensure your computer is connected to the router. Verify the IP address (http://192.168.1.1). Try clearing your browser's cache. Perform a factory reset if you forgot the password.

SPECIFICATIONS

- **Wireless Standards:** 802.11b/g/n
- **Wireless Speed:** Up to 54 Mbps (802.11g), 300 Mbps (802.11n)
- **ADSL Standards:**
 - ANSI T1.413 Issue 2
 - ITU G.992.1 (G.dmt) Annex A
 - ITU G.992.2 (G.lite) Annex A
 - ITU G.994.1 (G.hs)
- **ADSL2 Standards:**
 - ITU G.992.3 (G.dmt.bis) Annex A/L/M

- ITU G.992.4 (G.lite.bis) Annex A

- **ADSL2+ Standards:**

- ITU G.992.5 (G.dmt.bis+) Annex A/L/M

- **ADSL Speeds:**

- G.dmt: 8 Mbps Down, 832 Kbps Up
- G.lite: 1.5 Mbps Down, 512 Kbps Up
- ADSL2: 12 Mbps Down, 1 Mbps Up
- ADSL2+: 24 Mbps Down, 1 Mbps Up

- **Frequency Range:** 2.4 GHz to 2.4835 GHz

- **Antennas:** Integrated 2x2 MIMO dual antenna

- **Device Interfaces:**

- 1 x ADSL port (RJ-11)
- 4 x 10/100BASE-TX Ethernet LAN ports (RJ-45) with auto MDI/MDIX
- Reset button
- WPS button
- Wireless ON/OFF button (optional)
- Power ON/OFF button

- **Router Features:** NAT, NAT, DHCP Server/Client, Static/Dynamic Routing, UPnP, DDNS, Virtual Server, SNTP, IGMP, DNS Relay

- **Security:** SPI Firewall, DoS Attack Prevention, WEP 64/128-bit, WPA/WPA2-PSK, MAC Address Filtering, WPS

- **Dimensions:** Approximately 27 x 19.8 x 6.8 cm

- **Weight:** Approximately 572 grams

- **Color:** Black

WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official D-Link website for details specific to your region. For technical support, firmware downloads, and additional resources, please visit the D-Link support portal.

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

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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