

## D-Link DSL-G225

# D-Link DSL-G225 Wireless N300 ADSL2+/VDSL2 Modem Router User Manual

Model: DSL-G225

## 1. INTRODUCTION

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The D-Link DSL-G225 Wireless N300 ADSL2+/VDSL2 Modem Router is designed to provide a reliable and secure internet connection for home and office environments. This device supports various internet connection types, including ADSL2+, VDSL2, NBN (Australia), and UFB (New Zealand), ensuring broad compatibility with different service providers.

Equipped with N300 Wi-Fi technology and four Ethernet LAN ports, the DSL-G225 allows for seamless sharing of your internet connection across multiple devices such as desktop computers, laptops, tablets, smartphones, gaming consoles, and smart TVs.

Key features include:

- Integrated ADSL2+/VDSL2 Modem for direct line connection.
- Wireless N300 technology for fast Wi-Fi speeds.
- Four 10/100 Ethernet LAN ports for wired connections.
- Support for NBN (Australia) and UFB (New Zealand) connection options.
- Easy setup wizard for quick installation.

## 2. HARDWARE OVERVIEW

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### 2.1 Front Panel

The front panel of the DSL-G225 features a series of LED indicators that provide real-time status information about the device's operation.



**Figure 1:** Front view of the D-Link DSL-G225 Modem Router, showing the Power, LAN, WLAN, WPS, USB, DSL/WAN, and Internet LED indicators.

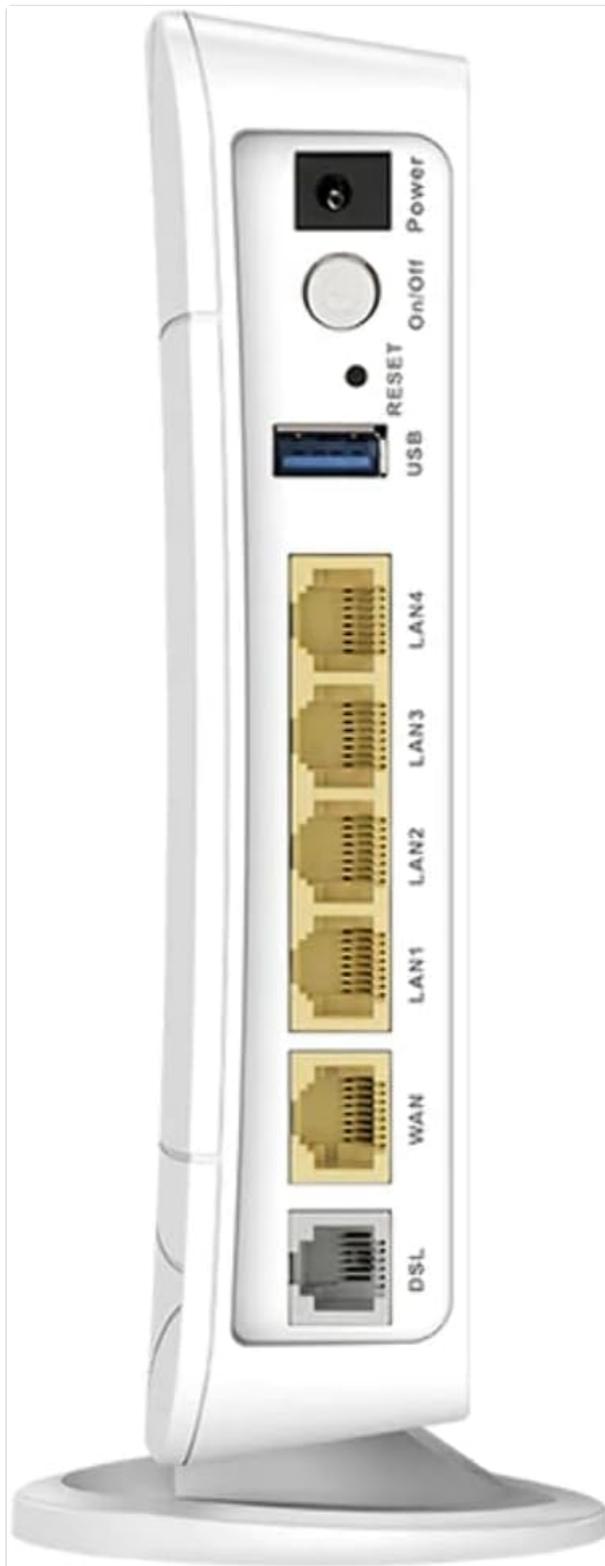
#### Front Panel LED Indicators

LED Indicator	Status	Description
<b>Power</b>	Solid Green	The device is powered on.
<b>LAN 1-4</b>	Solid Green	A device is connected to the corresponding LAN port.
	Flashing Green	Data is being transmitted or received through the corresponding LAN port.
<b>WLAN</b>	Solid Green	Wireless functionality is enabled.
	Flashing Green	Wireless data is being transmitted or received.
<b>WPS</b>	Flashing Green	WPS connection attempt in progress.
<b>USB</b>	Solid Green	A USB device is connected and recognized.

LED Indicator	Status	Description
<b>DSL/WAN</b>	Solid Green	DSL line is connected and synchronized, or WAN port is active.
	Flashing Green	Attempting to establish DSL synchronization or WAN connection.
<b>Internet</b>	Solid Green	Successfully connected to the internet.
	Flashing Green	Data is being transmitted or received over the internet.

## 2.2 Rear Panel

The rear panel contains all the physical ports for connecting the modem router to your internet service and local network devices.



**Figure 2:** Rear view of the D-Link DSL-G225 Modem Router, displaying the Power input, On/Off button, Reset button, USB port, LAN ports, WAN port, and DSL port.

#### Rear Panel Ports and Buttons

Port/Button	Description
Power Input	Connects to the provided power adapter.
On/Off Button	Powers the device on or off.

Port/Button	Description
<b>Reset Button</b>	Press and hold for 10 seconds to restore factory default settings.
<b>USB Port</b>	Connects USB devices such as storage drives for network sharing.
<b>LAN 1-4 Ports</b>	Connects wired devices (e.g., computers, gaming consoles) using Ethernet cables.
<b>WAN Port</b>	Connects to an external modem or NBN/UFB Network Termination Device (NTD) for internet access.
<b>DSL Port</b>	Connects to the telephone line for ADSL2+/VDSL2 internet service.

## 3. SETUP

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### 3.1 Physical Connection

- Power Connection:** Connect the provided power adapter to the Power Input port on the rear panel of the modem router and then plug it into a power outlet. Press the On/Off button. The Power LED on the front panel should illuminate green.
- Internet Connection:**
  - For **ADSL2+/VDSL2**: Connect a telephone cable from your wall socket to the **DSL** port on the modem router.
  - For **NBN/UFB (FTTP/FTTC/HFC/Fixed Wireless)**: Connect an Ethernet cable from your NBN/UFB Network Termination Device (NTD) or wall socket to the **WAN** port on the modem router.
- Local Network Connection (Optional):** Connect an Ethernet cable from one of the **LAN 1-4** ports on the modem router to your computer's Ethernet port. For wireless devices, proceed to the Wi-Fi connection steps.

### 3.2 Initial Configuration

After physical connections are made, you can configure the modem router using its web-based interface.

- Ensure your computer is connected to the modem router via Ethernet or Wi-Fi.
- Open a web browser (e.g., Chrome, Firefox, Edge).
- In the address bar, type `http://192.168.1.1` (default IP address) and press Enter.
- Enter the default username and password (usually `admin` for both, or as printed on a label on the device).
- Follow the on-screen Setup Wizard to configure your internet connection settings (ISP username/password, connection type) and Wi-Fi network name (SSID) and password.

## 4. OPERATING

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### 4.1 Connecting Devices via Wi-Fi

- On your wireless device (smartphone, tablet, laptop), open the Wi-Fi settings.
- Scan for available networks.
- Select your Wi-Fi network name (SSID) as configured during the setup process.
- Enter your Wi-Fi password (network key) when prompted.
- Your device should now be connected to the internet via Wi-Fi.

## 4.2 Connecting Devices via Ethernet

For devices requiring a stable wired connection, use an Ethernet cable.

1. Connect one end of an Ethernet cable to an available **LAN** port (1-4) on the rear of the modem router.
2. Connect the other end of the Ethernet cable to the Ethernet port on your device (e.g., computer, smart TV, gaming console).
3. The corresponding LAN LED on the front panel should illuminate green, indicating a successful connection.

## 4.3 USB Port Functionality

The USB port on the DSL-G225 can be used to connect a USB storage device (e.g., a USB flash drive or external hard drive) to share files across your network. Refer to the modem router's web interface for specific settings related to USB storage sharing.

# 5. MAINTENANCE

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## 5.1 Firmware Updates

Periodically check the D-Link Australia support website for firmware updates. Firmware updates can improve performance, add new features, and address security vulnerabilities. Follow the instructions provided on the D-Link website carefully when performing a firmware update.

## 5.2 Factory Reset

If you encounter persistent issues or forget your login credentials, you can perform a factory reset. This will revert all settings to their default values.

1. With the modem router powered on, locate the **Reset** button on the rear panel.
2. Using a paperclip or a similar pointed object, press and hold the Reset button for approximately 10 seconds.
3. Release the button. The modem router will restart with factory default settings. You will need to reconfigure your internet and Wi-Fi settings.

# 6. TROUBLESHOOTING

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## 6.1 No Internet Connection

- **Check Cables:** Ensure all cables (power, DSL/WAN, Ethernet) are securely connected.
- **LED Status:** Verify the **Power**, **DSL/WAN**, and **Internet** LEDs are solid green. If the DSL/WAN LED is flashing, there might be an issue with your internet line or connection type. If the Internet LED is off, check your ISP settings in the router's web interface.
- **ISP Credentials:** Confirm that your internet service provider (ISP) username and password are correctly entered in the modem router's configuration.
- **Restart Devices:** Power cycle the modem router and any connected devices (computer, NBN/UFB NTD) by unplugging them for 30 seconds and then plugging them back in.

## 6.2 Wi-Fi Connection Issues

- **WLAN LED:** Ensure the **WLAN** LED on the front panel is solid green. If it's off, Wi-Fi might be disabled. Check settings in the web interface.
- **Correct Password:** Verify you are entering the correct Wi-Fi password (network key).
- **Signal Strength:** Move closer to the modem router to check if signal strength is an issue. Obstacles like walls and large appliances can interfere with Wi-Fi signals.

- **Channel Interference:** In congested areas, changing the Wi-Fi channel in the router's settings may improve performance.

### 6.3 Slow Internet Speed

- **Number of Devices:** Too many devices actively using the network can reduce speeds.
- **Interference:** Other wireless devices (cordless phones, microwaves) can cause interference.
- **Firmware:** Ensure your modem router has the latest firmware installed.
- **ISP Issue:** Contact your internet service provider to check for any network issues in your area or with your service plan.

## 7. SPECIFICATIONS

### Technical Specifications

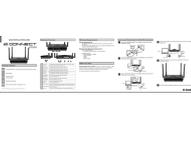
Feature	Detail
Model Number	DSL-G225-AU
Brand	D-Link
Series	Wireless N300
Wireless Type	802.11n
Frequency Band Class	Single-Band
Ethernet Ports	4 x 10/100 LAN ports, 1 x WAN port
USB Ports	1 x USB 2.0 Port
Modem Type	ADSL2+/VDSL2
Operating System	RouterOS (D-Link Firmware)
Special Feature	Access Point Mode
Dimensions (L x W x H)	15.5 x 15 x 6 cm
Item Weight	590 g
Manufacturer	D-Link Australia

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official D-Link Australia website or contact D-Link customer service. Warranty terms and conditions may vary by region and purchase date.

It is recommended to register your product on the D-Link website to receive updates and access support resources.

## Related Documents - DSL-G225

	<p><a href="#">D-Link DSL-226 Wireless N300 VDSL2/ADSL2+ Modem Router User Manual</a></p> <p>This user manual provides comprehensive guidance for the D-Link DSL-226 Wireless N300 VDSL2/ADSL2+ Modem Router, covering setup, configuration, features, and troubleshooting for high-speed home and small business internet connectivity.</p>
	<p><a href="#">D-Link AX CONNECT DSL-245GE Quick Installation Guide</a></p> <p>A concise guide to installing and configuring the D-Link AX CONNECT DSL-245GE Dual Band Wireless AC1200 ADSL2+/VDSL2 Modem Router. Covers package contents, hardware overview, connection steps, web-based setup, and troubleshooting.</p>
	<p><a href="#">Einrichtung des D-Link DIR-878 für Internetzugang mit VLAN-ID (VDSL2/ADSL2+)</a></p> <p>Anleitung zur Konfiguration des D-Link DIR-878 Routers für Internetzugänge mit VLAN-ID, insbesondere für VDSL2- oder ADSL2+-Anschlüsse am BNG-Netz der Deutschen Telekom. Enthält Schritte zur Einrichtung, Modem-Kompatibilität und Provider-spezifische VLAN-IDs.</p>
	<p><a href="#">D-Link DSL-2740U Wireless N 300 ADSL2+ Modem Router User Manual</a></p> <p>Comprehensive user manual for the D-Link DSL-2740U Wireless N 300 ADSL2+ Modem Router, detailing installation, setup, configuration, advanced features, and troubleshooting for home and office networks.</p>
	<p><a href="#">D-Link DSL-2890AL Dual Band Wireless AC1750 ADSL2+ Modem Router Quick Installation Guide</a></p> <p>Quick installation guide for the D-Link DSL-2890AL Dual Band Wireless AC1750 ADSL2+ Modem Router. Learn how to set up your modem, connect devices, and configure wireless settings.</p>
	<p><a href="#">How to Set Up the D-Link DSL-G225 in Bridge Mode</a></p> <p>A step-by-step guide to configuring the D-Link DSL-G225 modem in Bridge Mode using either the Setup Wizard or Manual Configuration. Includes instructions for disabling DHCP, setting up internet connections, and disabling Wi-Fi.</p>