

Netis DL4323

Netis DL4323 Wireless ADSL2+ Router User Manual

Model: DL4323

1. PRODUCT OVERVIEW

The Netis DL4323 is a versatile 3-in-1 device designed to provide comprehensive internet connectivity. It integrates the functionalities of a high-speed ADSL2+ modem, a 4-port NAT router, and a Wireless N access point. This device offers a complete solution for establishing and sharing high-speed internet access across both wired and wireless networks.

Supporting the latest ADSL standards, the DL4323 delivers significantly faster speeds compared to traditional dial-up connections. It also incorporates advanced features such as port mapping for IPTV, Ethernet WAN for flexible connectivity, SNMP for network management, IPv6 support for future-proof networking, and TR-069 for remote management. These features enable users to enjoy bandwidth-intensive applications, including seamless wireless HD video streaming.



Figure 1.1: Netis DL4323 Wireless ADSL2+ Router with two external antennas.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your product package. If any item is missing or damaged, please contact your retailer.

- Netis DL4323 Wireless ADSL2+ Modem Router
- Power Adapter
- Ethernet Cable
- RJ11 Phone Cable
- Quick Installation Guide



Figure 2.1: Contents of the Netis DL4323 product package, including the router, cables, power adapter, and documentation.

3. KEY FEATURES

- **Multi-functional Device:** Combines a high-speed ADSL2+ modem, a 4-port NAT router, and a Wireless N access point in one unit.
- **High-Speed Wireless Connectivity:** Features 802.11n wireless connectivity for a superior Wi-Fi experience, offering speeds up to 300 Mbps.
- **Enhanced Coverage:** Equipped with two external antennas to provide improved wireless signal coverage and stability.
- **Flexible WAN Option:** Includes an Ethernet WAN port, providing an additional connectivity option for fiber optic line activation.
- **Optimized for IPTV:** Supports port mapping functionality, ensuring an excellent experience for IPTV services.

4. SETUP GUIDE

Follow these steps to set up your Netis DL4323 router for internet access.

1. Connect Hardware:

- Connect the RJ11 phone cable from your ADSL wall jack to the 'ADSL' port on the router.
- Connect one end of the Ethernet cable to a LAN port on the router and the other end to your computer's Ethernet port. Alternatively, you can connect wirelessly after initial setup.
- Connect the power adapter to the 'Power' port on the router and plug it into a power outlet.

2. Power On:

Press the power button on the router. Wait for the 'Power' and 'ADSL' indicator lights to become stable.

3. Access Web Management Interface:

- Open a web browser (e.g., Chrome, Firefox, Edge) on your connected computer.
- In the address bar, type the default IP address: **192.168.1.1** and press Enter.
- When prompted, enter the default username and password, which are typically **admin** for both.

4. Run Quick Setup Wizard:

- Upon successful login, you will usually be directed to a Quick Setup Wizard. Follow the on-screen instructions.
 - You will need to enter your ADSL connection parameters (VPI/VCI, Encapsulation Type, Connection Type - e.g., PPPoE, Bridge) provided by your Internet Service Provider (ISP).
 - Configure your wireless network (Wi-Fi) settings: Set a unique Wi-Fi Network Name (SSID) and a strong Wi-Fi Password (WPA2-PSK recommended).
5. **Save Settings and Reboot:** After completing the wizard, save your settings and allow the router to reboot if prompted. Your internet connection should now be active.

5. OPERATING INSTRUCTIONS

Once set up, the Netis DL4323 operates continuously to provide internet access. Here are some common operational aspects:

5.1. Indicator Lights

Monitor the LED indicators on the front panel to understand the router's status:

- **Power:** Solid green indicates the device is powered on.
- **ADSL:** Solid green indicates a stable ADSL connection. Blinking indicates synchronization in progress.
- **Internet:** Solid green indicates successful internet access.
- **WLAN:** Solid green indicates the wireless function is enabled. Blinking indicates wireless data transmission.
- **LAN (1-4):** Solid green indicates a device is connected to that LAN port. Blinking indicates data transmission.

5.2. Connecting Devices

- **Wired Devices:** Connect devices like PCs, gaming consoles, or smart TVs to the LAN ports using Ethernet cables.
- **Wireless Devices:** Search for your Wi-Fi network (SSID) on your smartphone, tablet, or laptop, and enter the Wi-Fi password you configured during setup.

5.3. Advanced Settings (via Web Interface)

You can access the web management interface (192.168.1.1) to configure advanced settings:

- **Network Settings:** Change LAN IP address, configure DHCP server, set up static routes.
- **Wireless Settings:** Modify SSID, change Wi-Fi password, set up guest networks, configure MAC filtering.
- **Security:** Configure firewall rules, URL filtering, IP/MAC filtering.
- **NAT/Port Forwarding:** Set up port forwarding for specific applications or devices (e.g., gaming, surveillance cameras).
- **System Tools:** Update firmware, backup/restore configuration, reboot, factory reset.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Netis DL4323 router.

- **Placement:** Place the router in a central location, away from obstructions, large metal objects, and sources of interference (e.g., microwaves, cordless phones). Ensure adequate ventilation to prevent overheating.
- **Cleaning:** Keep the device clean and free from dust. Use a soft, dry cloth for cleaning. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Periodically check the official Netis website for firmware updates. Firmware updates can

improve performance, add new features, and fix security vulnerabilities. Follow the instructions provided by Netis carefully when performing updates.

- **Regular Reboot:** Rebooting the router periodically (e.g., once a month) can help clear temporary issues and improve performance. Simply unplug the power adapter for 10 seconds and then plug it back in.
- **Secure Passwords:** Regularly change your Wi-Fi password and the router's login password to strong, unique combinations to enhance security.

7. TROUBLESHOOTING

If you encounter issues with your Netis DL4323 router, try the following troubleshooting steps:

- **No Internet Access:**
 - Check all cable connections (ADSL, Ethernet, Power) to ensure they are secure.
 - Verify the 'ADSL' and 'Internet' indicator lights are solid green. If not, contact your ISP.
 - Reboot the router by unplugging it for 10 seconds and plugging it back in.
 - Ensure your ADSL settings (VPI/VCI, encapsulation) in the router's web interface match those provided by your ISP.
- **Cannot Connect to Wi-Fi:**
 - Ensure the 'WLAN' indicator light is on. If not, enable wireless in the web interface.
 - Verify you are selecting the correct Wi-Fi network (SSID) and entering the correct password.
 - Move closer to the router to check for signal strength issues.
 - Try rebooting both the router and your wireless device.
- **Slow Internet Speed:**
 - Disconnect other devices to see if the issue is due to network congestion.
 - Ensure the router is placed in an optimal location, free from interference.
 - Check for any background downloads or streaming on connected devices.
 - Contact your ISP to check your line speed and status.
- **Forgot Router Login Password:**
 - You will need to perform a factory reset. Locate the 'Reset' button (often a small pinhole) on the router. With the router powered on, use a paperclip to press and hold the button for about 5-10 seconds until the lights flash. This will restore the router to its default settings (username/password: admin/admin) and erase all custom configurations. You will need to reconfigure the router from scratch.

8. SPECIFICATIONS

Detailed technical specifications for the Netis DL4323 Wireless ADSL2+ Router:

Feature	Specification
Brand	Netis
Model Name	DL4323
Connectivity Technology	Ethernet, Wi-Fi
Wireless Communication Standard	802.11n

Feature	Specification
Frequency Band Class	Single Band (2.4 GHz)
Number of Ports	4 (LAN)
Security Protocol	WEP (WPA/WPA2 also supported)
Compatible Devices	Router
Recommended Uses	Home
Operating System	Linux

9. WARRANTY AND SUPPORT

Warranty information for the Netis DL4323 router is typically provided with the product packaging or can be found on the official Netis website. Please refer to these sources for details regarding warranty coverage, terms, and conditions.

For technical support, firmware updates, or additional product information, please visit the official Netis website or contact their customer support channels. Keep your product model number (DL4323) and serial number ready when seeking support.

Netis Official Website: www.netis-systems.com

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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

you@example.com

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