

Netis DL4323

Netis DL4323 300Mbps High-Speed Wireless N ADSL2+ Modem Router Combo User Manual

Model: DL4323 | Brand: Netis

1. PRODUCT OVERVIEW

The Netis DL4323 is a versatile 3-in-1 device, integrating a high-speed ADSL2+ modem, a 4-port NAT router, and a wireless N access point. It is engineered to provide a comprehensive solution for high-speed internet access and sharing across both wired and wireless networks. Supporting the latest ADSL standards, the DL4323 offers significantly faster internet speeds compared to traditional dial-up connections. It also includes advanced functionalities such as Port Mapping for IPTV, Ethernet WAN, SNMP, IPv6, and TR-069, enabling users to enjoy bandwidth-intensive applications like wireless HD video streaming.

Key Features:

- **3-in-1 Combination:** Functions as an ADSL2+ modem, 4-port NAT router, and wireless N access point, allowing simultaneous connection of multiple devices.
- **High-Speed Internet:** Supports ADSL2/2+ standards for internet access up to 24Mbps downstream and wireless N speeds up to 300Mbps.
- **Advanced Technology:** Provides much higher speeds than dial-up connections, leveraging the latest ADSL standards.
- **High-Performance Functions:** Includes Port Mapping for IPTV, Ethernet WAN, SNMP, IPv6, and TR-069 for efficient data transfer and a robust networking experience.
- **Usability:** Designed for heavy bandwidth-consuming applications like wireless HD video streaming, offering wireless freedom throughout your home.

Package Contents:

Upon opening the package, verify that all components are present and in good condition. The standard package for the Netis DL4323 typically includes:

- Netis DL4323 ADSL2+ Modem Router Combo Unit
- Power Adapter
- Ethernet Cable
- ADSL Splitter (if applicable)

- Quick Installation Guide



Figure 1: Netis DL4323 unit with power adapter, Ethernet cable, and quick installation guide.

Physical Description:

The Netis DL4323 features a compact design with essential indicators and ports for easy connectivity and status monitoring.



Figure 2: Rear panel of the Netis DL4323, illustrating the ADSL port, LAN ports, WAN port, Reset button, and Power input.

- **LED Indicators (Front Panel):**
 - **PWR:** Power indicator. Solid green when powered on.

- **ADSL:** ADSL connection status. Solid green when ADSL line is synchronized.
 - **WLAN:** Wireless LAN status. Blinks when wireless activity is present.
 - **LAN1-4:** Ethernet LAN port status. Solid green when a device is connected, blinks with activity.
 - **WAN:** WAN connection status. Indicates internet connectivity.
- **Ports (Rear Panel):**
 - **ADSL Port:** Connects to the telephone line via an ADSL splitter.
 - **LAN Ports (1-4):** RJ45 ports for connecting wired devices like computers or switches.
 - **WAN Port:** RJ45 port for connecting to an external modem (e.g., fiber or cable modem) when used in router-only mode.
 - **Reset Button:** Used to restore factory default settings. Press and hold for 5-10 seconds while the device is powered on.
 - **Power Input:** Connects to the provided power adapter.

2. SETUP GUIDE

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

2.1 Hardware Connection:

1. **Power Off:** Ensure your computer and the DL4323 are powered off before making connections.
2. **Connect ADSL Line:** Connect the telephone line from your wall jack to the "LINE" port of the ADSL splitter. Then, connect the "MODEM" port of the splitter to the "ADSL" port on the DL4323. If you have a telephone, connect it to the "PHONE" port of the splitter.
3. **Connect to Computer:** Use an Ethernet cable to connect one of the "LAN" ports (LAN1-LAN4) on the DL4323 to the Ethernet port on your computer.
4. **Power On:** Connect the power adapter to the "Power" port of the DL4323 and plug the other end into a power outlet. Press the power button if available.
5. **Verify LEDs:** Wait for the PWR, ADSL, and WLAN LEDs to become solid green. The LAN LED corresponding to your connected computer should also be solid green.

2.2 Initial Configuration (Web Interface):

After hardware connection, configure the device via its web management interface.

1. **Access Web Browser:** Open a web browser (e.g., Chrome, Firefox, Edge) on the computer connected to the DL4323.
2. **Enter IP Address:** In the address bar, type the default IP address of the router, which is typically **192.168.1.1**, and press Enter.
3. **Login:** A login window will appear. Enter the default username and password. For Netis devices, these are often **admin** for both username and password. Refer to the label on the bottom of your device if these credentials do not work.
4. **Run Quick Setup:** Once logged in, you will typically be prompted to run a Quick Setup Wizard. Follow the on-screen instructions to configure your ADSL connection parameters (VPI/VCI, connection type like PPPoE, PPPoA, IPoE, etc.) provided by your Internet Service Provider (ISP).
5. **Configure Wireless Settings:** During the setup, you will also configure your Wi-Fi network name (SSID) and password (WPA/WPA2-PSK). Choose a strong, unique password for security.

6. **Save Settings:** After entering all necessary information, save the settings and restart the device if prompted.

Note: Some ISPs may require specific VPI/VCI values or connection types. Consult your ISP's documentation or support if you encounter issues during this step. For example, some users have reported success with CenturyLink DSL by setting WAN Physical Type to ADSL WAN, VPI: 8, VCI: 35, Channel Mode: DHCP, and enabling NAPT.

3. OPERATING INSTRUCTIONS

This section details the basic and advanced operational aspects of your Netis DL4323.

3.1 Basic Operation:

- **Wired Connection:** Connect any Ethernet-enabled device (PC, game console, smart TV) to one of the four LAN ports using an Ethernet cable. The device will automatically obtain an IP address from the DL4323.
- **Wireless Connection:**
 - a. On your wireless device (smartphone, laptop, tablet), search for available Wi-Fi networks.
 - b. Select the SSID (network name) you configured during setup.
 - c. Enter the Wi-Fi password (security key) when prompted.
 - d. Once connected, the device should have internet access.
- **WPS (Wi-Fi Protected Setup):** If your wireless device supports WPS, you can connect to the DL4323 by pressing the WPS button on the router and then activating WPS on your device within two minutes. This simplifies the connection process without needing to enter the password manually.

3.2 Advanced Features:

The DL4323 offers several advanced features accessible through its web management interface:

- **Port Mapping (Port Forwarding):** Configure port mapping to allow external access to services running on devices within your local network (e.g., game servers, surveillance cameras, IPTV). Navigate to the "Forwarding" or "Virtual Servers" section in the web interface.
- **Ethernet WAN:** The DL4323 can function as a standalone wireless router by using its WAN port to connect to an existing fiber or cable modem. This allows flexibility in network setup.
- **SNMP (Simple Network Management Protocol):** For network administrators, SNMP allows for remote monitoring and management of the device.
- **IPv6 Support:** The router supports IPv6, the next generation of internet protocol, ensuring future compatibility and enhanced addressing capabilities.
- **TR-069:** This protocol enables remote management and provisioning by your ISP, simplifying support and configuration updates.
- **Firewall:** The built-in firewall provides basic network security, protecting your network from unauthorized access. Configure rules in the "Security" section.
- **QoS (Quality of Service):** Prioritize network traffic for specific applications or devices to ensure smooth performance for critical services like VoIP or online gaming.

4. MAINTENANCE

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

- **Firmware Updates:** Periodically check the official Netis website for firmware updates. Firmware updates can improve performance, add new features, and fix bugs. Download the correct firmware for your model and follow the update instructions provided by Netis.

- **Resetting to Factory Defaults:** If you forget your login password or experience persistent issues, you can reset the device to its factory default settings. Locate the "Reset" button on the rear panel (often a small pinhole button). With the device powered on, use a paperclip or similar pointed object to press and hold the button for approximately 5-10 seconds until the LEDs flash. The device will then restart with default settings. *Note: This will erase all your custom configurations.*
- **Cleaning:** Keep the device clean and free from dust. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or aerosols. Ensure ventilation holes are not blocked to prevent overheating.
- **Placement:** Place the router in a central location in your home, away from obstructions and sources of interference (e.g., microwaves, cordless phones) to maximize Wi-Fi coverage and signal strength.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Netis DL4323.

Common Issues and Solutions:

- **No Internet Access:**
 - **Check LED Status:** Ensure the PWR, ADSL, and WAN LEDs are solid green. If ADSL is blinking or off, check the telephone line connection and splitter. If WAN is off, verify your ISP settings in the web interface.
 - **ISP Configuration:** Double-check the VPI/VCI values, connection type (PPPoE, etc.), and login credentials provided by your ISP. Incorrect settings are a common cause of no internet.
 - **Cable Connections:** Ensure all Ethernet and telephone cables are securely connected.
 - **Restart Devices:** Power cycle the DL4323 (unplug, wait 10 seconds, plug back in) and your computer/connected devices.
- **Wi-Fi Not Connecting or Weak Signal:**
 - **WLAN LED:** Verify the WLAN LED is solid green. If not, ensure wireless is enabled in the web interface.
 - **SSID and Password:** Confirm you are selecting the correct Wi-Fi network name (SSID) and entering the correct password. Passwords are case-sensitive.
 - **Signal Interference:** Move the router away from other electronic devices (microwaves, cordless phones) that might cause interference.
 - **Channel Selection:** In the wireless settings of the web interface, try changing the Wi-Fi channel to a less congested one (e.g., 1, 6, or 11).
 - **Distance:** Ensure your device is within the Wi-Fi range of the router.
- **Cannot Access Web Management Interface (192.168.1.1):**
 - **IP Address:** Ensure your computer is set to obtain an IP address automatically (DHCP).
 - **Cable Connection:** Verify the Ethernet cable connection between your computer and the router's LAN port.
 - **Firewall/Antivirus:** Temporarily disable any firewall or antivirus software on your computer that might be blocking access.
 - **Router IP Change:** If you previously changed the router's default IP address, try accessing it with the new IP. If you don't remember, perform a factory reset.
- **Slow Internet Speed:**
 - **ISP Speed:** Verify your subscribed internet speed with your ISP.
 - **Multiple Devices:** Too many devices or bandwidth-intensive activities (streaming, large downloads) can slow down the network.
 - **Wi-Fi Interference:** As mentioned above, interference can degrade wireless performance.

- **Firmware:** Ensure your router has the latest firmware.

If issues persist after following these steps, consider contacting Netis support or your Internet Service Provider for further assistance.

6. SPECIFICATIONS

Detailed technical specifications for the Netis DL4323.

Feature	Specification
Brand	Netis
Model Name	DL4323
Wireless Type	802.11n, 802.11b, 802.11g
Wireless Communication Standard	802.11n, 802.11b, 802.11g
Frequency Band Class	Single-Band (2.4 GHz)
Frequency	2.4 GHz
Item Weight	14.4 ounces
Product Dimensions (LxWxH)	10.3 x 8.25 x 2.9 inches
Voltage	12 Volts
Operating System Compatibility	Windows, Linux, Mac OS
Compatible Devices	Personal Computer
Recommended Uses	Home
Special Feature	WPS

7. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Netis website. Warranty terms and conditions may vary by region and retailer.

For technical support, frequently asked questions (FAQs), and driver/firmware downloads, please visit the official Netis support website. You can typically find support resources by searching for your product model (DL4323) on their site.

Netis Official Website: www.netis-systems.com

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