

D-Link DIR-868L

D-Link DIR-868L Wireless AC1750 Dual-Band Gigabit Router Instruction Manual

Your guide to setting up, operating, and maintaining your D-Link DIR-868L router.

1. PRODUCT OVERVIEW

The D-Link DIR-868L is a Wireless AC1750 Dual-Band Gigabit Cloud Router designed to provide high-performance wireless connectivity for your home or office network. It features advanced Wireless AC technology for optimized performance, reliable coverage, and supports high-quality HD video streaming, gaming, and file transfers.



Image 1.1: Front view of the D-Link DIR-868L Wireless AC1750 Dual-Band Gigabit Router, showcasing its cylindrical black design with indicator lights and buttons.

Key Features:

- **Next Generation Wireless Technology:** Wireless AC1750 for optimized performance and reliable coverage, supporting high-quality HD video streaming, gaming, and file transfers.
- **Dual Band Performance:** Up to 450Mbps (2.4GHz) + 1300Mbps (5GHz) for fast wireless speeds and reduced interference.
- **Backward Compatibility:** Compatible with 802.11a/b/g/n devices.
- **my D-Link Cloud Management:** Monitor and manage your network remotely.
- **Gigabit Speed:** Four Gigabit Ethernet ports for superior wired device connectivity.
- **Easy Setup:** Intelligent browser wizard and Quick Router Setup Mobile app for simplified installation.
- **Preset Security:** Advanced WPA2 encryption for network protection.

2. SETUP

2.1 Unpacking and Placement

1. Carefully unpack the router and all its components.
2. Place the router in a central location in your home or office, away from obstructions and devices that may cause interference (e.g., cordless phones, microwave ovens).

2.2 Hardware Connection

1. Connect your modem to the router's Internet (WAN) port using an Ethernet cable.
2. Connect the power adapter to the router's power port and plug it into an electrical outlet.
3. Wait for the power and Internet indicator lights on the router to stabilize, indicating a successful connection.
4. For wired devices, connect them to any of the router's Gigabit Ethernet (LAN) ports.

2.3 Initial Configuration

1. Connect a computer or mobile device to the router's Wi-Fi network using the default Wi-Fi name (SSID) and password found on the router's label.
2. Open a web browser and enter the router's default IP address (usually 192.168.0.1 or 192.168.1.1).
3. Follow the on-screen instructions of the D-Link setup wizard to configure your Internet connection, Wi-Fi settings, and administrator password.
4. Alternatively, use the D-Link Quick Router Setup Mobile app for guided setup.

3. OPERATING

Once your D-Link DIR-868L router is set up, you can manage its various functions and connect your devices.

3.1 Connecting Devices

- **Wireless Devices:** Search for the Wi-Fi network name (SSID) you configured during setup and enter the Wi-Fi password.
- **Wired Devices:** Connect devices such as computers, gaming consoles, or smart TVs to the router's Gigabit Ethernet ports using Ethernet cables.

3.2 Managing Network Settings

Access the router's web-based interface by opening a web browser and entering the router's IP address. Log in with your administrator username and password to manage settings such as:

- Changing Wi-Fi names and passwords.
- Setting up guest networks.
- Configuring parental controls.
- Monitoring connected devices.
- Updating firmware.

3.3 D-Link Cloud Management

The my D-Link Cloud Management feature allows you to monitor and manage your network from anywhere using the my D-Link app on your smartphone or tablet. This includes checking network status, managing connected devices, and receiving alerts.

3.4 Understanding Router Selection

Your browser does not support the video tag.

Video 3.1: This video provides general guidance on how to select a D-Link router, explaining different models and their suitable uses for various home network needs.

3.5 D-Link Wireless AC Router Overview

Your browser does not support the video tag.

Video 3.2: This video offers an overview of D-Link Wireless AC routers, highlighting features like dual-band technology, cloud management, and easy setup, which are applicable to the DIR-868L model.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your D-Link DIR-868L router.

- **Firmware Updates:** Periodically check for and install the latest firmware updates from the D-Link support website. Firmware updates often include performance improvements, security patches, and new features.
- **Restarting the Router:** If you experience slow speeds or connectivity issues, try restarting your router by unplugging it from the power outlet for 10-15 seconds and then plugging it back in.
- **Physical Cleaning:** Keep the router clean and free from dust to prevent overheating. Use a soft, dry cloth to wipe the exterior. Ensure ventilation openings are not blocked.
- **Secure Passwords:** Regularly change your Wi-Fi and administrator passwords to strong, unique combinations to enhance network security.

5. TROUBLESHOOTING

If you encounter issues with your D-Link DIR-868L router, refer to the following common troubleshooting steps:

- **No Internet Connection:**
 - Check all cable connections between the modem, router, and your devices.
 - Restart your modem and router.
 - Verify that your Internet Service Provider (ISP) is not experiencing an outage.
- **Slow Wi-Fi Speed:**
 - Ensure the router is placed centrally and away from interference sources.
 - Check for firmware updates.
 - Reduce the number of devices connected to the network or prioritize bandwidth for critical applications.
 - Consider changing Wi-Fi channels to avoid congestion.
- **Cannot Access Router Settings:**
 - Ensure your device is connected to the router's network.
 - Verify the router's IP address is correctly entered in the browser.
 - If you forgot your password, a factory reset may be necessary (see below).
- **Factory Reset:** If all else fails, you may need to perform a factory reset. This will revert all settings to their default values. Locate the reset button (usually a small pinhole) on the back of the router. With

the router powered on, use a paperclip to press and hold the reset button for about 10 seconds until the lights flash. Release the button and wait for the router to restart. You will then need to reconfigure your router from scratch.

6. SPECIFICATIONS



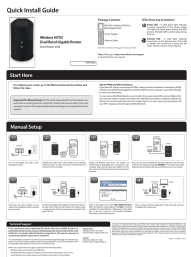
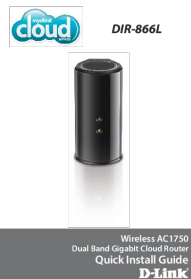

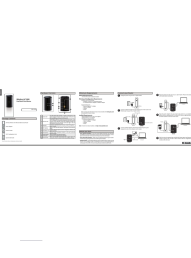
Feature	Specification
Wireless Type	5.8 GHz Radio Frequency, 802.11a/b/g/n, 802.11ac
Brand	D-Link
Series	DIR-868L
Item Model Number	DIR-868L
Item Weight	1.2 pounds
Product Dimensions	4 x 4.75 x 8.5 inches
Manufacturer	D-Link Systems, Inc.
Language	English, French
Special Feature	WPS
Frequency Band Class	Dual-Band
Compatible Devices	MAC, PC, Android
Recommended Uses For Product	Security
Connectivity Technology	Wireless
Antenna Type	Internal

7. WARRANTY AND SUPPORT

D-Link products are backed by a limited warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official D-Link website.

For technical support, product registration, and additional resources, please visit the D-Link support portal. You can find FAQs, troubleshooting guides, and contact information for customer service.

- **Online Support:** Visit the D-Link support website for comprehensive resources.
- **Customer Service:** Contact D-Link customer service for personalized assistance.
- **Product Registration:** Register your product online to receive updates and support.

	<p>D-Link DIR-868L Wireless AC1750 Dual Band Gigabit Cloud Router User Manual</p> <p>Comprehensive user manual for the D-Link DIR-868L Wireless AC1750 Dual Band Gigabit Cloud Router, covering installation, configuration, features, troubleshooting, and technical specifications.</p>
	<p>D-Link DIR-880L User Manual: Wireless AC1900 Dual Band Gigabit Cloud Router</p> <p>This user manual provides detailed instructions for setting up, configuring, and using the D-Link DIR-880L Wireless AC1900 Dual Band Gigabit Cloud Router, covering features like high-speed Wi-Fi, Gigabit Ethernet, mydlink cloud services, and SharePort technology.</p>
	<p>D-Link DIR-836L Wireless N750 Dual Band Gigabit Router Quick Install Guide</p> <p>Quick start guide for the D-Link DIR-836L Wireless N750 Dual Band Gigabit Router. Includes setup instructions, package contents, LED explanations, and technical support contact information.</p>
	<p>D-Link DIR-866L Wireless AC1750 Dual Band Gigabit Cloud Router Quick Install Guide</p> <p>A comprehensive guide to installing and configuring the D-Link DIR-866L Wireless AC1750 Dual Band Gigabit Cloud Router, covering package contents, hardware overview, connection steps, web browser configuration, QRS Mobile setup, and troubleshooting.</p>
	<p>D-Link DIR-825 AC1200 Wave 2: Руководство пользователя</p> <p>Полное руководство пользователя для маршрутизатора D-Link DIR-825 AC1200 Wave 2, охватывающее установку, настройку, функции, технические характеристики и рекомендации по использованию.</p>
	<p>D-Link DIR-820L Wireless AC1000 Dual Band Cloud Router Quick Install Guide</p> <p>Step-by-step guide to setting up and configuring your D-Link DIR-820L Wireless AC1000 Dual Band Cloud Router. Learn about hardware overview, minimum requirements, connection steps, web browser and mobile app configuration, and troubleshooting.</p>