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› D-Link Wireless AC Smart Beam 1750 Mbps Home Cloud App-Enabled Dual-Band Gigabit Router (DIR-866L) - User Manual

D-Link DIR-866L

D-Link Wireless AC Smart Beam 1750 Mbps Home Cloud App-Enabled Dual-Band Gigabit Router

Model: DIR-866L

Brand: D-Link

1. INTRODUCTION

The D-Link Wireless AC1750 Dual Band Gigabit Cloud Router (DIR-866L) provides a high-performance wireless experience with speeds up to 1.7 Gbps. It features AC Smart Beam technology, Gigabit Ethernet ports, and Advanced QoS for efficient bandwidth distribution. This router is mydlink-enabled, allowing remote access and network management from your smartphone or tablet. It also supports the mydlink SharePort app, enabling you to create personal cloud storage by connecting a USB drive to stream and share media files.

2. PACKAGE CONTENTS

Verify that your package contains the following items:

- Wireless router - 4-port switch (integrated)
- Network cable
- Power adapter
- Quick Installation Guide (not included in this manual)

If any of the above items are missing or damaged, please contact your local D-Link reseller.

3. PRODUCT OVERVIEW

3.1 Front Panel

The front panel of the DIR-866L features LED indicators that provide status information about the router's operation.



Figure 3.1: Front view of the D-Link DIR-866L Wireless AC1750 Dual Band Gigabit Cloud Router. The image shows the sleek black cylindrical design with two illuminated green LEDs on the front, indicating power and internet connectivity.

- **Power LED:** Indicates the power status of the router. Solid green when powered on.
- **Internet LED:** Indicates the status of the internet connection. Solid green when connected to the internet.
- **Wi-Fi LED:** Indicates the status of the wireless network. Solid green when Wi-Fi is active.

3.2 Rear Panel

The rear panel provides all the necessary ports for connecting the router to your network and devices.



Figure 3.2: Rear view of the D-Link DIR-866L router. This image displays the various ports and buttons, including the USB port, WPS button, four LAN ports, Internet port, power button, and power input.

- **USB Port:** Connect a USB storage device for mydlink SharePort functionality.
- **WPS Button:** Use for easy and secure wireless connection setup with WPS-enabled devices.
- **LAN Ports (1-4):** Four Gigabit Ethernet ports for connecting wired devices such as computers, gaming consoles, or smart TVs.
- **Internet Port:** Connect your modem to this port using an Ethernet cable.
- **Power Button:** Turns the router on or off.
- **Power Connector:** Connect the provided power adapter here.
- **Reset Button:** (Recessed) Press and hold for 10 seconds to restore factory default settings.

4. SETUP

4.1 Physical Installation

1. **Positioning:** Place the DIR-866L in a central location in your home or office for optimal wireless coverage. Avoid placing it near large metal objects, concrete walls, or devices that emit radio frequency interference (e.g., microwave ovens, cordless phones).
2. **Connect to Modem:** Connect one end of the provided Ethernet cable to the Internet port on the back of the DIR-866L and the other end to your modem's Ethernet port.
3. **Connect Power:** Plug the power adapter into the power connector on the back of the DIR-866L and then into a power outlet.
4. **Power On:** Press the Power button on the rear panel. Wait for the Power LED on the front to turn solid green.
5. **Connect Devices:** Connect your computer or other devices to the router either wirelessly or via an Ethernet cable to one of the LAN ports.

4.2 Initial Configuration (Web Interface)

To configure your router, you can use a web browser:

1. Ensure your computer is connected to the DIR-866L (wired or wireless).
2. Open a web browser (e.g., Chrome, Firefox, Edge).
3. In the address bar, type <http://dlinkrouter.local> or <http://192.168.0.1> and press Enter.
4. The login screen will appear. The default username is **Admin** and the password field should be left **blank**. Click **Log In**.
5. Follow the on-screen setup wizard to configure your Internet connection, wireless network name (SSID), and password. It is highly recommended to change the default administrator password for security.

Note: The default Wi-Fi name (SSID) and password are often printed on a sticker on the bottom of the router.

5. OPERATING INSTRUCTIONS

5.1 Connecting to the Wireless Network

To connect a wireless device (e.g., laptop, smartphone, tablet) to your DIR-866L:

1. On your device, open the Wi-Fi settings or network connections.
2. Scan for available wireless networks.
3. Select the SSID (network name) you configured during setup (or the default SSID).
4. Enter the wireless password (network key) when prompted.
5. Your device should now be connected to the internet.

5.2 Using mydlink SharePort

The mydlink SharePort feature allows you to share files from a USB storage device connected to your router.

1. Connect a USB storage device (e.g., flash drive, external hard drive) to the USB port on the rear of the DIR-866L.
2. Download and install the mydlink SharePort app on your smartphone or tablet, or the SharePort Utility on your computer.
3. Follow the instructions within the app/utility to access and manage files on the connected USB device. You can stream media, share documents, and more.

5.3 Remote Access with mydlink Lite App

The mydlink Lite mobile app allows you to manage your network remotely.

1. Download the free mydlink Lite app from your device's app store.
2. Create a mydlink account or log in if you already have one.
3. Add your DIR-866L router to your mydlink account by following the in-app instructions.
4. Once added, you can monitor network activity, view connected devices, and manage basic settings from anywhere with an internet connection.

6. MAINTENANCE

6.1 Firmware Updates

Regularly check for and install firmware updates to ensure optimal performance, security, and access to new features.

1. Visit the D-Link support website (support.dlink.com) and search for your DIR-866L model.
2. Download the latest firmware file to your computer.

3. Log in to the router's web interface (<http://dlinkrouter.local> or <http://192.168.0.1>).
4. Navigate to the firmware upgrade section (usually under "Tools" or "Maintenance").
5. Follow the on-screen instructions to upload and install the new firmware. Do not power off the router during this process.

6.2 Factory Reset

If you encounter persistent issues or forget your login credentials, you can perform a factory reset.

1. With the router powered on, locate the recessed Reset button on the rear panel.
2. Use a paperclip or a similar pointed object to press and hold the Reset button for approximately 10 seconds.
3. Release the button when the Power LED starts blinking. The router will reboot with factory default settings.

Warning: A factory reset will erase all your custom settings, including Wi-Fi name, password, and administrator password.

6.3 Cleaning

To maintain the router's appearance and prevent dust buildup:

- Unplug the router from the power outlet before cleaning.
- Use a soft, dry cloth to wipe the exterior surfaces.
- Do not use liquid cleaners or aerosol sprays.

7. TROUBLESHOOTING

7.1 No Internet Connection

- **Check Cables:** Ensure all Ethernet cables are securely connected to the router and modem.
- **Modem Status:** Verify that your modem is working correctly and has an active internet connection. Try restarting your modem.
- **Router LEDs:** Check the Internet LED on the DIR-866L. If it's not solid green, there might be an issue with the connection from your modem or ISP.
- **Reboot:** Power cycle both your modem and router. Unplug them from power, wait 30 seconds, then plug the modem back in. Once the modem is fully online, plug in the router.
- **ISP Settings:** Confirm your router's internet settings (e.g., DHCP, PPPoE) match those required by your Internet Service Provider (ISP).

7.2 Slow Wireless Speed or Dropped Connections

- **Router Placement:** Move the router to a more central location, away from obstructions and interference sources (e.g., cordless phones, microwaves, large metal objects).
- **Interference:** Other wireless devices or neighboring Wi-Fi networks can cause interference. Try changing the wireless channel in the router's settings.
- **Signal Strength:** Ensure your devices are within a reasonable range of the router.
- **Firmware:** Ensure your router's firmware is up to date.
- **Dual Band:** Utilize the 5GHz band for devices that support it, as it generally offers higher speeds and less interference than the 2.4GHz band.

7.3 Cannot Access Router's Web Interface

- **IP Address:** Ensure your computer is set to obtain an IP address automatically (DHCP).
- **Correct Address:** Double-check that you are typing the correct address: <http://dlinkrouter.local> or <http://192.168.0.1>.

- **Browser Cache:** Clear your web browser's cache and cookies, or try a different browser.
- **Firewall/Antivirus:** Temporarily disable any firewall or antivirus software on your computer to see if it's blocking access.
- **Factory Reset:** If all else fails, perform a factory reset (see Section 6.2) and try accessing with default credentials.

8. SPECIFICATIONS

Feature	Description
Model Name	DIR-866L
Wireless Type	802.11ac
Frequency Band Class	Dual-Band (2.4 GHz and 5 GHz)
Wireless Speed	Up to 1750 Mbps (450 Mbps on 2.4 GHz, 1300 Mbps on 5 GHz)
Ethernet Ports	4 x Gigabit LAN, 1 x Gigabit WAN (Internet)
USB Port	1 x USB (for SharePort)
Antenna Type	Internal Antennas with AC Smart Beam technology
Security	WPA/WPA2, WPS
Dimensions (LxWxH)	3.75 x 4.7 x 7.75 inches
Item Weight	15.2 ounces
Features	Advanced QoS, mydlink Cloud Enabled, mydlink SharePort, Guest Network

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official D-Link support website.

- **D-Link Support Website:** support.dlink.com
- **Product Registration:** Register your product online to receive updates and support.

Please note that warranty terms may vary by region and retailer. Keep your purchase receipt for warranty claims.

10. OFFICIAL PRODUCT VIDEOS

No official product videos with "Seller" as creator type were found in the provided data. For visual guides and demonstrations, please check the official D-Link YouTube channel or support website.

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

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