

Manuals.plus /

› D-Link /

› D-Link DAP-1530 AC750 Wireless Range Extender User Manual

D-Link DAP-1530

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Model: DAP-1530

1. INTRODUCTION

The D-Link DAP-1530 AC750 Wireless Range Extender is designed to extend the coverage of your existing wireless network. It boosts your Wi-Fi signal, eliminating dead zones and providing reliable connectivity for your devices throughout your home. This manual provides detailed instructions for setting up, operating, and maintaining your range extender.

2. SAFETY INFORMATION

- Ensure the device is plugged into a standard electrical outlet (100-240V AC, 50/60 Hz).
- Do not expose the device to water, fire, or high temperatures.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- Keep the device away from direct sunlight and heat sources.
- Use the device in a well-ventilated area.

3. PACKAGE CONTENTS

Verify that your package contains the following items:

- D-Link DAP-1530 AC750 Wireless Range Extender
- Quick Installation Guide

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

4. PRODUCT OVERVIEW

The D-Link DAP-1530 is a compact, wall-plug design range extender. It features two external antennas for enhanced signal coverage and a single Fast Ethernet port for wired connectivity.





Image: The D-Link DAP-1530 AC750 Wireless Range Extender, shown plugged into a standard wall outlet. The device is white with two adjustable antennas and indicator lights on the top surface.

LED Indicators

- **Power LED:** Indicates the power status of the device.
- **Wi-Fi Signal Indicator:** Displays the strength of the Wi-Fi signal received from your router. This helps in finding the optimal placement for the extender.
- **WPS LED:** Indicates the status of the Wi-Fi Protected Setup (WPS) connection.

Buttons and Ports

- **WPS Button:** Used for quick and easy setup with WPS-enabled routers.
- **Reset Button:** Recessed button to restore the device to factory default settings.
- **Ethernet Port (RJ45):** Allows you to connect a wired device, such as a desktop computer or gaming console, to your extended network.

Flexible Mesh Choices for Your Home Network

Smart Mesh Roaming technology allows you to create a seamless whole-home mesh network. Built on industry-standard Mesh Smart Roaming technology, can enjoy a mesh connection with any brand of router or ISP gateway.

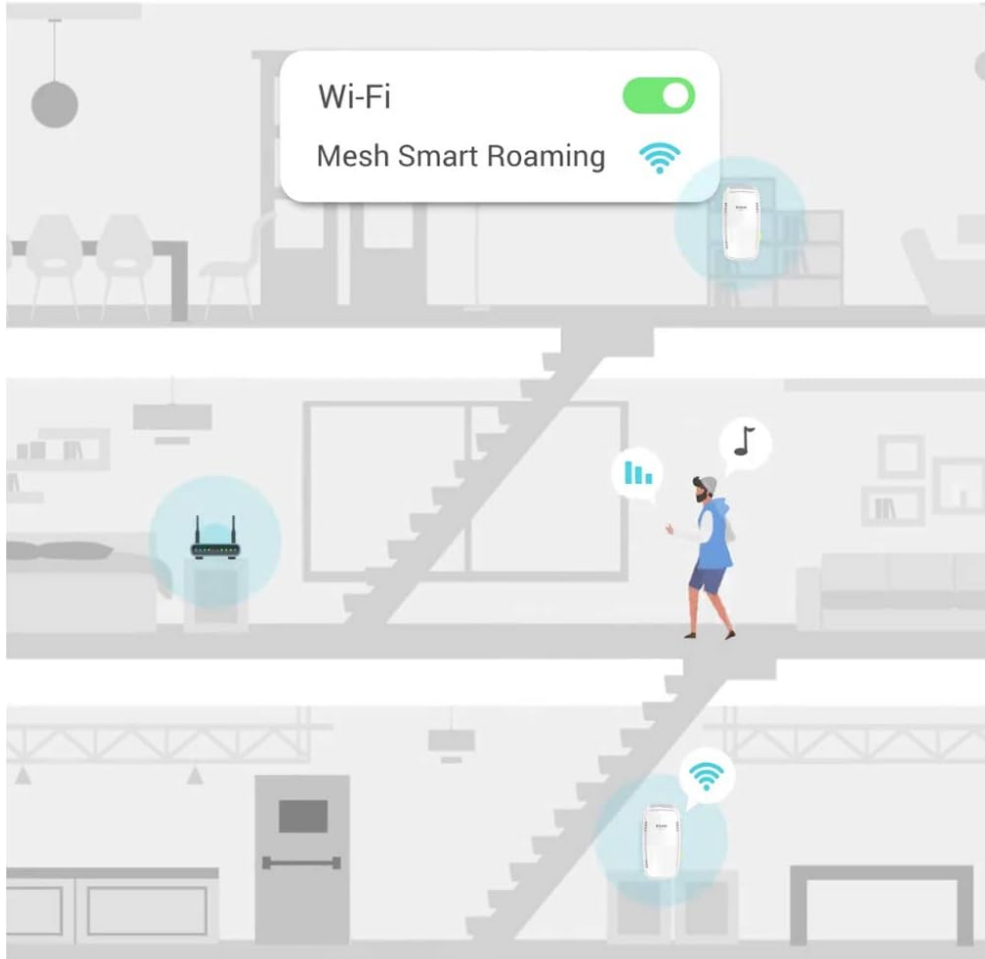


Image: Bottom view of the D-Link DAP-1530, showing the product label with model name, input voltage, FCC ID, MAC ID, hardware version, firmware version, and Wi-Fi Name (SSID) and password information.

5. SETUP

There are two primary methods to set up your D-Link DAP-1530: using the WPS button or using the D-Link Wi-Fi app.

Method 1: WPS (Wi-Fi Protected Setup)

WPS is the easiest way to connect your extender to your existing Wi-Fi network.

1. Plug the DAP-1530 into a power outlet near your wireless router.
2. Wait for the Power LED on the DAP-1530 to turn solid green.
3. Press the WPS button on your wireless router.
4. Within 60 seconds, press the WPS button on your DAP-1530.

5. The WPS LED on the DAP-1530 will blink green during the connection process and turn solid green when successfully connected.
6. Once connected, unplug the DAP-1530 and move it to a location between your router and the area with poor Wi-Fi coverage. Ensure the Wi-Fi Signal Indicator shows a strong signal (green).



Image: A visual guide to the D-Link One-Touch Setup. Step 1 shows pressing the WPS button on a router. Step 2 shows pressing the WPS button on the DAP-1530. Step 3 illustrates the extender plugged into an outlet, successfully connected and extending Wi-Fi to various devices.

Method 2: D-Link Wi-Fi App Setup

For a guided setup experience, use the D-Link Wi-Fi mobile app.

1. Download the D-Link Wi-Fi app from the App Store (iOS) or Google Play (Android).
2. Plug the DAP-1530 into a power outlet near your wireless router.
3. Open the D-Link Wi-Fi app and follow the on-screen instructions to add a new device.
4. The app will guide you through connecting the extender to your existing Wi-Fi network.
5. Once setup is complete, unplug the DAP-1530 and move it to an optimal location.

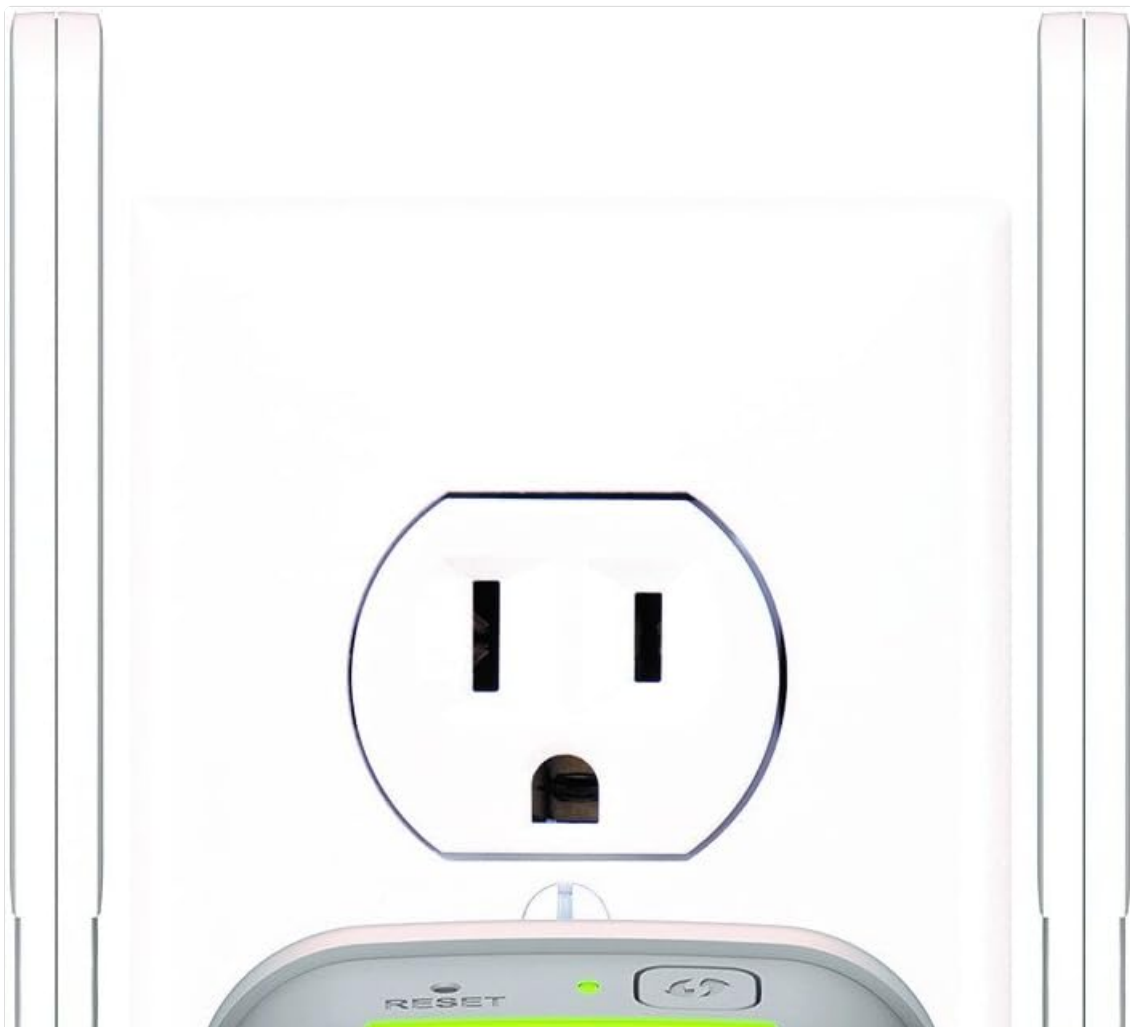
6. OPERATING THE EXTENDER

After successful setup, the DAP-1530 will automatically extend your Wi-Fi network. Devices will seamlessly connect to the strongest signal, whether from your router or the extender, thanks to Smart Mesh Roaming technology.

Smart Signal Indicator

The Wi-Fi Signal Indicator on the DAP-1530 helps you determine the best placement for optimal performance:

- **Solid Green:** Excellent signal strength. The extender is in a good location.
- **Solid Amber:** Good signal strength, but a stronger signal is possible. Consider moving the extender closer to your router.
- **Solid Red:** Poor signal strength or no connection. Move the extender closer to your router.



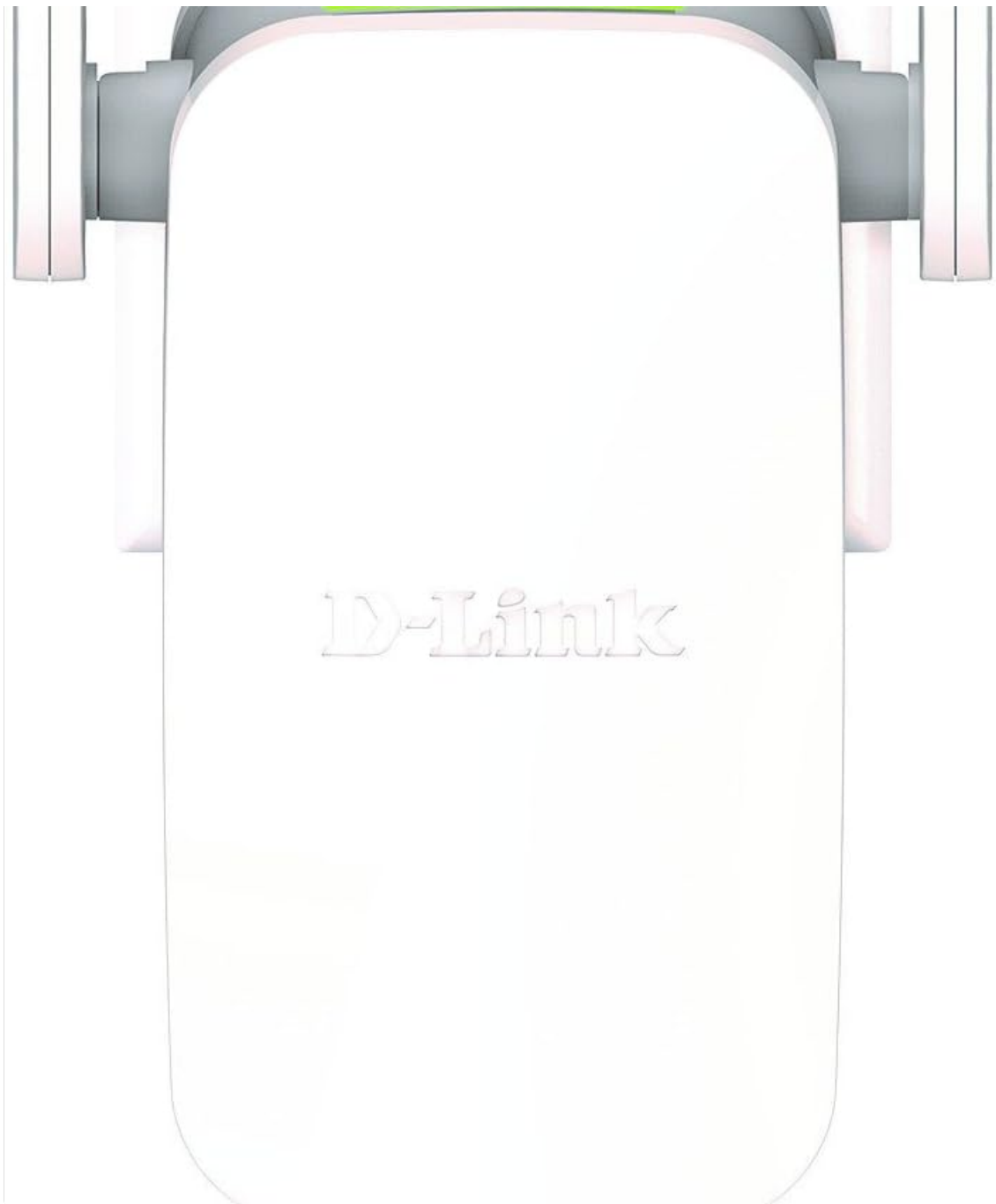


Image: The D-Link DAP-1530, illustrating the Smart Signal Indicator. The indicator lights up to show the strength of the Wi-Fi signal, helping users find the best placement for the extender.

Dual-Band Wi-Fi

The DAP-1530 supports dual-band 802.11ac wireless, providing speeds of up to 733 Mbps (300 Mbps on the 2.4 GHz band and 433 Mbps on the 5 GHz band). This ensures a fast and stable Wi-Fi experience for all your connected devices.

Mesh Smart Roaming

The extender utilizes Smart Mesh Roaming technology, allowing you to create a seamless whole-home mesh network. This technology enables your devices to automatically connect to the strongest Wi-Fi signal as you move around your home, ensuring uninterrupted connectivity.

7. MAINTENANCE

To ensure optimal performance and longevity of your D-Link DAP-1530:

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid placing the device in direct sunlight or near heat sources.
- Ensure proper ventilation around the device.
- Periodically check for firmware updates through the D-Link Wi-Fi app or D-Link support website to ensure the best performance and security.

8. TROUBLESHOOTING

If you encounter issues with your D-Link DAP-1530, try the following solutions:

No Power LED

- Ensure the extender is securely plugged into a working power outlet.
- Try plugging the extender into a different outlet.

Cannot Connect to the Extender's Wi-Fi Network

- Verify that the extender is powered on and the Power LED is solid green.
- Ensure you are selecting the correct extended Wi-Fi network (SSID). The extended network typically has '_EXT' appended to your original network name.
- Confirm you are using the correct Wi-Fi password.
- If using WPS, ensure you pressed the WPS button on both the router and the extender within the time limit.

Poor Signal or Frequent Disconnections

- Relocate the extender. Use the Smart Signal Indicator to find an optimal location where the signal from your router is strong (solid green). The extender should be placed roughly halfway between your router and the area needing extended coverage.
- Ensure there are no major obstructions (e.g., thick walls, large metal objects, microwave ovens) between the extender and your router.
- Check for interference from other electronic devices.
- Restart both your router and the extender.

Resetting the Extender to Factory Defaults

If issues persist, you may need to reset the extender to its factory default settings. This will erase all custom configurations.

1. With the extender powered on, use a paperclip or similar pointed object to press and hold the recessed Reset button for approximately 5-10 seconds.
2. Release the button when the Power LED begins to blink.
3. The extender will restart with factory default settings. You will then need to set it up again using either the WPS method or the D-Link Wi-Fi app.

9. SPECIFICATIONS

Model Number	DAP-1530
Wireless Communication Standard	802.11a/b/g/n/ac
Data Transfer Rate	733 Megabits Per Second (300 Mbps 2.4GHz, 433 Mbps 5GHz)
Connector Type	RJ45 (Ethernet Port)
Special Features	WiFi Mesh, Easy Setup (WPS)
Product Dimensions	1.9 x 2.9 x 6.49 inches
Item Weight	7.4 ounces
Manufacturer	D-Link
Date First Available	December 27, 2017

10. WARRANTY AND SUPPORT

Warranty Information

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

Technical Support

For technical assistance, product registration, or to access the latest drivers and firmware, please visit the D-Link support website:

<https://support.dlink.com/>

You may also find helpful resources, FAQs, and community forums on the D-Link website.