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D-Link DAP-1620

D-Link DAP-1620 AC1300 Wi-Fi Range Extender User Manual

1. Introduction

The D-Link DAP-1620 AC1300 Wi-Fi Range Extender is a portable wireless device designed to expand your existing wireless network coverage. Compact yet powerful, it supports AC wireless speeds up to 1300 Mbps, fitting conveniently in the palm of your hand. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.



Image 1.1: The D-Link DAP-1620 AC1300 Wi-Fi Range Extender, a compact device designed to boost your wireless signal.

2. Package Contents

Please ensure all items are present in your package:

- D-Link DAP-1620 AC1300 Wi-Fi Range Extender
- Installation Guide
- Ethernet Cable

3. Product Overview

The DAP-1620 features a compact design with external antennas for enhanced coverage. It includes LED indicators to help you find the optimal placement for signal strength and a Gigabit Ethernet port for wired connections.

3.1 Key Features

- **Dual-Band Wi-Fi:** Supports both 2.4 GHz and 5 GHz bands for flexible and interference-free connections.
- **AC1300 Speed:** Delivers combined wireless speeds up to 1300 Mbps.
- **Gigabit Ethernet Port:** Allows for a high-speed wired connection to devices like PCs or gaming consoles.
- **WPS Button:** For quick and easy setup with compatible routers.
- **LED Indicators:** Provide visual feedback on signal strength and device status.



Image 3.1: The compact and practical design of the D-Link DAP-1620, featuring foldable antennas.



Image 3.2: Detail of the Gigabit Ethernet port on the D-Link DAP-1620, enabling wired connections.

4. Setup

The D-Link DAP-1620 offers multiple easy setup methods to get your Wi-Fi extended quickly.

4.1 Using the WPS Button (Recommended for quick setup)

1. Plug the DAP-1620 into a power outlet near your existing Wi-Fi router.
2. Wait for the Power LED on the DAP-1620 to turn solid white.

3. Press the WPS button on your Wi-Fi router.
4. Within two minutes, press the WPS button on the DAP-1620.
5. The Status LED on the DAP-1620 will blink and then turn solid white, indicating a successful connection.
6. Unplug the DAP-1620 and move it to a location halfway between your router and the area with poor Wi-Fi signal. Ensure the Signal Strength LEDs indicate a good connection.

4.2 Using the D-Link Wi-Fi App (Recommended for guided setup)

1. Download the D-Link Wi-Fi app from your smartphone's app store (available for iOS and Android).
2. Plug the DAP-1620 into a power outlet near your existing Wi-Fi router.
3. Open the D-Link Wi-Fi app and follow the on-screen instructions to set up your extender. The app will guide you through connecting to the extender's temporary Wi-Fi network and configuring it to extend your main network.
4. Once configured, the app will help you find the best location for your extender using its signal strength indicator.



Image 4.1: The D-Link DAP-1620 is designed for simple setup and ease of use, often completed within minutes.

5. Operating the Range Extender

Once set up, the DAP-1620 operates by rebroadcasting your existing Wi-Fi signal, effectively extending its range. It supports both 2.4 GHz and 5 GHz frequency bands, allowing your devices to connect to the optimal band for performance.

5.1 Dual-Band Operation

- The **2.4 GHz band** offers wider coverage and better penetration through walls, suitable for general internet browsing and devices further away.
- The **5 GHz band** provides faster speeds and less interference, ideal for streaming HD video, online gaming, and devices closer to the extender.

Your devices will automatically connect to the strongest available signal from either your main router or the extender. You can also configure the extender to create separate network names (SSIDs) for the extended 2.4 GHz and 5 GHz bands if desired, allowing you to manually choose which network to connect to.

5.2 Access Point (AP) Mode

The DAP-1620 can also function as a wireless Access Point. In this mode, you connect the extender to your router via an Ethernet cable, and it creates a new Wi-Fi network. This is useful for adding wireless capabilities to a wired

network or for creating a new Wi-Fi hotspot in a specific area.



Image 5.1: Visual representation of extending your wireless network coverage using the D-Link DAP-1620.

6. Maintenance

To ensure optimal performance and longevity of your D-Link DAP-1620, consider the following maintenance tips:

- **Firmware Updates:** Periodically check the D-Link support website for new firmware versions. Updating the firmware can improve performance, add new features, and fix bugs.
- **Cleaning:** Keep the device clean and free from dust. Use a soft, dry cloth to wipe the exterior. Avoid using liquid cleaners or aerosols.
- **Placement:** Ensure the extender is placed in a well-ventilated area to prevent overheating. Avoid placing it near heat sources or in direct sunlight.
- **Restart:** If you experience intermittent issues, try restarting the extender by unplugging it from the power outlet for 10 seconds and then plugging it back in.

7. Troubleshooting

If you encounter issues with your D-Link DAP-1620, refer to the following common problems and solutions:

7.1 Unable to Connect to Wi-Fi / Internet Connection Unavailable

- **Check Router Connection:** Ensure your main Wi-Fi router is working correctly and providing internet access.
- **Extender Placement:** The extender might be too far from your main router. Relocate the DAP-1620 closer to the router. Use the Signal Strength LEDs on the extender to find an optimal spot (more solid white LEDs indicate a stronger signal).
- **Re-establish Connection:** Try re-running the setup process (WPS or D-Link Wi-Fi app) to ensure the extender is properly connected to your router.
- **Restart Devices:** Restart both your router and the DAP-1620. Also, restart the device you are trying to connect (smartphone, laptop, etc.).

7.2 Poor Signal Strength or Slow Speeds

- **Optimize Placement:** The most common cause of poor performance. Experiment with different locations for the extender. It should be placed roughly halfway between your router and the area needing coverage, but also where it receives a strong signal from the router.
- **Minimize Interference:** Avoid placing the extender near large metal objects, concrete walls, or other

electronic devices that emit radio frequencies (e.g., microwaves, cordless phones).

- **Check Router Settings:** Ensure your router's Wi-Fi channels are not congested. You might need to change the Wi-Fi channel on your router.
- **Use 5 GHz Band:** For devices that support it and are closer to the extender, connect to the 5 GHz extended network for potentially faster speeds.

7.3 WPS Setup Fails

- **Timing:** Ensure you press the WPS button on the extender within two minutes of pressing it on the router.
- **Router Compatibility:** Verify your router has a WPS button and that WPS is enabled in its settings.
- **Alternative Setup:** If WPS continues to fail, use the D-Link Wi-Fi app or manual web browser setup method.

8. Specifications

Feature	Specification
Brand	D-Link
Model Number	DAP-1620
Wireless Communication Standard	802.11a/b/g/n/ac
Data Transfer Rate	1300 Megabits per second
Frequency Band Class	Dual Band
Special Features	LED Indicators
Color	White
Frequency	2.4 GHz, 5 GHz
Included Components	Installation Guide and Ethernet Cable
Item Weight	140 Grams
Product Dimensions (D x W x H)	6.1 x 7.5 x 3.3 Centimeters
Compatible Devices	Smartphone
Ethernet Port Type	RJ45
UPC	790069419379, 790069420481

9. Warranty and Support

9.1 Warranty Information

The D-Link DAP-1620 AC1300 Wi-Fi Range Extender comes with a**Manufacturer Warranty of 2 years**. Please retain your proof of purchase for warranty claims.

9.2 Technical Support

For further assistance, technical support, or to download the latest drivers and firmware, please visit the official D-Link support website:

https://www.dlink.com/support
You may also find helpful resources and FAQs on the D-Link 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

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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.

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