

## D-Link DWA-182

# D-Link DWA-182 Wireless AC1200 Dual Band USB Adapter User Manual

Model: DWA-182 | Brand: D-Link

## INTRODUCTION

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The D-Link DWA-182 Wireless AC1200 Dual Band USB Adapter provides advanced Wireless AC technology to your desktop or notebook computer. This adapter allows you to connect to a wireless network for a secure, high-speed internet connection on either the 2.4GHz (up to 300Mbps) or 5GHz (up to 867Mbps) bands. Its integrated dual-band technology helps reduce Wi-Fi interference, optimizing throughput for activities like streaming, gaming, and video calls.

This manual will guide you through the installation, operation, and maintenance of your DWA-182 adapter, ensuring optimal performance and connectivity.

## PACKAGE CONTENTS

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- D-Link DWA-182 Wireless AC1200 Dual Band USB Adapter
- Quick Installation Guide (or similar documentation)
- Driver CD (or download instructions)

Please ensure all items are present before proceeding with the installation.

## SETUP AND INSTALLATION

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Follow these steps to install your D-Link DWA-182 USB Adapter:

1. **Prepare your computer:** Ensure your computer is powered on and running. Close any open applications that might interfere with the installation process.
2. **Insert the USB Adapter:** Carefully plug the DWA-182 USB adapter into an available USB 3.0 port on your desktop or notebook computer. While compatible with USB 2.0, a USB 3.0 port is recommended for optimal performance.

3.



*Image: The D-Link DWA-182 USB Adapter connected to a laptop. A small green LED indicates power and activity.*

#### 4. Driver Installation:

- **Automatic Installation (Windows):** In most Windows operating systems, the necessary drivers may install automatically upon insertion. Wait for a notification indicating successful driver installation.
  - **Manual Installation:** If drivers do not install automatically, insert the provided driver CD into your computer's optical drive and follow the on-screen instructions. Alternatively, download the latest drivers from the official D-Link support website ([www.dlink.com/support](http://www.dlink.com/support)) and run the installer.
5. **Verify Installation:** After driver installation, check your computer's Device Manager (Windows) or System Information (macOS) to ensure the DWA-182 adapter is recognized and functioning correctly.

## OPERATING INSTRUCTIONS

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Once the adapter is installed, you can connect to a wireless network:

#### 1. Access Network Settings:

- **Windows:** Click the Wi-Fi icon in the system tray (bottom-right corner of the screen).
- **macOS:** Click the Wi-Fi icon in the menu bar (top-right corner of the screen).

2. **Select Your Network:** A list of available wireless networks will appear. Select your desired network (SSID).

3. **Enter Password:** If the network is secured, you will be prompted to enter the network security key (Wi-Fi password).

4. **Connect:** Click "Connect" to establish a connection. The adapter's LED indicator may blink or turn solid to confirm a successful connection.

5. **Dual Band Selection:** If your router supports both 2.4GHz and 5GHz bands, you may see two network names (e.g., "MyWiFi\_2.4GHz" and "MyWiFi\_5GHz"). The 5GHz band offers faster speeds but shorter range, while 2.4GHz offers wider range but slower speeds. Choose the band that best suits your needs.

## MAINTENANCE

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To ensure the longevity and optimal performance of your DWA-182 adapter:

- **Keep Drivers Updated:** Regularly check the D-Link support website for the latest driver updates. Updated drivers can improve performance and stability.
- **Physical Care:** Keep the adapter clean and free from dust. Avoid exposing it to extreme temperatures or humidity.
- **Safe Removal:** When removing the adapter, always use the "Safely Remove Hardware" option in your operating system to prevent data corruption or damage.
- **Protect USB Port:** If you frequently remove the adapter, consider using the included cap to protect the USB connector from dust and damage.

## TROUBLESHOOTING

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If you encounter issues with your DWA-182 adapter, try the following solutions:

- **No Internet Connection:**
  - Ensure the adapter is securely plugged into a USB port.
  - Verify that your Wi-Fi network is active and other devices can connect.
  - Restart your computer and your wireless router.
  - Check if the drivers are correctly installed in Device Manager. Reinstall if necessary.
- **Slow Connection Speed:**
  - Ensure you are connected to the 5GHz band if available and within range.
  - Move closer to your wireless router to improve signal strength.
  - Minimize interference from other electronic devices (e.g., microwaves, cordless phones).
  - Update your adapter's drivers to the latest version.
  - Consider if your computer's internal network card might be causing issues, as this adapter is designed to bypass such problems.
- **Adapter Not Detected:**
  - Try plugging the adapter into a different USB port.
  - Ensure the USB port is functional by testing it with another USB device.
  - Reboot your computer.

## SPECIFICATIONS

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Feature	Detail
Brand	D-Link
Model Number	DWA-182
Hardware Interface	USB
Compatible Devices	Desktop, Notebook Computers
Data Link Protocol	USB

<b>Data Transfer Rate</b>	Up to 867 Megabits Per Second (5GHz), 300 Megabits Per Second (2.4GHz)
<b>Item Weight</b>	0.01 Pounds
<b>UPC</b>	790069396335
<b>ASIN</b>	B075DFJ1XN

## WARRANTY AND SUPPORT

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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:** [www.dlink.com/support](http://www.dlink.com/support)
- **Contact Customer Service:** If you encounter difficulties that cannot be resolved using the troubleshooting steps, D-Link customer service or IT department can provide further assistance.