Belkin F5D9050

Belkin F5D9050 Wireless G Plus MIMO USB Network Adapter

Model: F5D9050

INTRODUCTION

The Belkin F5D9050 Wireless G Plus MIMO USB Network Adapter provides wireless connectivity for your desktop or notebook computer. This device allows you to connect to a wireless network for Internet access and file sharing, offering an easy USB plug-in solution without requiring internal computer modifications. It utilizes Wireless G Plus MIMO technology to enhance speed, coverage, and reliability over the 802.11g standard.

SAFETY INFORMATION

Please read and follow these safety guidelines to ensure proper operation and prevent damage to the device or injury:

- Do not expose the device to water or excessive humidity.
- Avoid placing the device near heat sources or in direct sunlight.
- Use only the provided accessories or those approved by Belkin.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- Keep the device away from children.

PACKAGE CONTENTS

Verify that your package contains the following items:

- Belkin F5D9050 Wireless G Plus MIMO USB Network Adapter
- USB Cradle / Extension Cable
- Installation CD (may vary by region/package)
- Quick Installation Guide (this document serves as a comprehensive manual)

SETUP

1. Hardware Installation

To install the Belkin F5D9050 Wireless G Plus MIMO USB Network Adapter:

1. Insert the USB Network Adapter into the USB cradle.
2. Connect the USB cradle's cable to an available USB port on your desktop or notebook computer. Alternatively, you can plug the adapter directly into a USB port without the cradle.
3. For optimal wireless signal reception, position the adapter and cradle in an open area, away from obstructions.

This image shows the Belkin F5D9050 Wireless G Plus MIMO USB Network Adapter, a compact black USB device, connected to its accompanying USB cradle via a short cable. The cradle provides a stable base and an extended USB connection for optimal placement. A separate USB cable is also visible, connecting the cradle to a computer's USB port. A small cap for the USB adapter is shown separately.

2. Driver Installation

After connecting the hardware, you will need to install the necessary drivers for the adapter to function correctly with your operating system.

- **For Windows Operating Systems (e.g., Windows XP, Windows 7):**
    a. Insert the Installation CD into your computer's CD-ROM drive.
    b. Follow the on-screen instructions to install the drivers and utility software.
    c. If the auto-run feature does not start, navigate to the CD drive in 'My Computer' or 'This PC' and run the setup executable.
    d. Alternatively, download the latest drivers from the official Belkin support website (www.belkin.com/support/) and follow the installation prompts.

- **For Linux Operating Systems (e.g., Ubuntu):**

  Some Linux distributions may automatically recognize and install drivers for the adapter upon connection. If not, consult your distribution's documentation or the Belkin support website for Linux-specific driver installation instructions.

OPERATING

Connecting to a Wireless Network

Once the drivers are installed, you can connect to an available wireless network:

1. Open your computer's wireless network utility. This is typically found in the system tray (Windows) or network settings (Linux).
2. Scan for available wireless networks.
3. Select your desired network (SSID) from the list.
4. If the network is secured, enter the correct network security key (WPA, WPA2, or WEP password) when prompted.
5. Confirm the connection. The adapter's LED indicator should illuminate or blink to show network activity.

Understanding LED Indicators

The adapter features a small LED indicator that provides status information:

- **Solid Green:** The adapter is powered on and connected to a wireless network.
- **Blinking Green:** The adapter is powered on and actively transmitting or receiving data.
- **Off:** The adapter is not powered on or not connected to a network.

MAINTENANCE

To ensure the longevity and optimal performance of your Belkin F5D9050 adapter:

- **Cleaning:** Gently wipe the adapter with a soft, dry cloth. Do not use liquid cleaners or solvents.
- **Ventilation:** Ensure the adapter is not covered or placed in an enclosed space that could restrict airflow.
- **Software Updates:** Periodically check the Belkin support website for updated drivers. Keeping drivers current can improve performance and compatibility.
- **Physical Handling:** Avoid excessive force when plugging or unplugging the adapter. If using the cradle, ensure the adapter is securely seated.

TROUBLESHOOTING

If you encounter issues with your Belkin F5D9050 adapter, try the following steps:

- **No Connection / Intermittent Connection:**
  - Ensure the adapter is securely plugged into a USB port.
  - Verify that your wireless router is powered on and functioning correctly.
  - Check the network name (SSID) and security key. Ensure they are entered correctly.
  - Reposition the adapter and cradle for better signal strength, especially if the router is far away or obstructed.
  - Restart your computer and the wireless router.

- **Slow Speeds:**
  - Check for other devices on your network that might be consuming bandwidth.

- Ensure the adapter is positioned for optimal signal strength.
- Update the adapter's drivers to the latest version from the Belkin website.
- Confirm your router's settings are optimized for 802.11g or mixed mode.

- **Adapter Not Recognized by Computer:**
  - Try plugging the adapter into a different USB port.
  - Reinstall the drivers from the installation CD or the Belkin website.
  - Check your computer's Device Manager (Windows) to see if the adapter is listed and if there are any error indicators.

- **Security Key Issues:**
  - Double-check the WPA/WPA2/WEP key. These are case-sensitive.
  - Ensure your router is configured to use a compatible security protocol (WPA, WPA2, 64-bit WEP, or 128-bit WEP).

SPECIFICATIONS

Model Number	F5D9050
Brand	Belkin
Product Dimensions	9 x 6.25 x 2 inches
Item Weight	8 ounces
Hardware Interface	USB (1.0, 1.1, 2.0 compatible)
Compatible Devices	Desktop, Laptop
Data Link Protocol	USB
Wireless Standards	IEEE 802.11g, IEEE 802.11b (backward compatible)
Security Features	WPA, WPA2, 64-bit WEP, 128-bit WEP encryption
Wireless Coverage	Up to 1,000 ft. (actual range may vary based on environment)
UPC	722868587843

WARRANTY INFORMATION

Belkin products are designed for reliability and performance. This product is covered by a limited manufacturer's warranty. For specific warranty terms, conditions, and duration, please refer to the warranty card included with your product or visit the official Belkin website.

SUPPORT

For further assistance, technical support, driver downloads, or frequently asked questions, please visit the official Belkin support website:
www.belkin.com/support/
You may also find helpful information and community forums on the Belkin website.