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D-Link DIR-3040-US

D-Link Smart AC3000 Tri-Band Wi-Fi Gigabit Router User Manual

Model: DIR-3040-US

INTRODUCTION

The D-Link Smart AC3000 High-Power Tri-Band Wi-Fi Gigabit Router (Model: DIR-3040-US) is designed to provide robust and high-speed wireless connectivity for your home or office network. Featuring MU-MIMO Tri-Band technology, it delivers fast Wi-Fi speeds suitable for 4K video streaming, online gaming, and general internet usage across multiple devices simultaneously. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your router.

PACKAGE CONTENTS

Before you begin, please verify that your package contains the following items:

- 1x D-Link DIR-3040-US Router
- 1x Power Adapter
- 1x Cat 5E Ethernet Cable
- 1x Quick Installation Guide (QIG)
- 1x Quick Installation Card (QIC)
- 1x Voice Assistant Guide



Image: The D-Link DIR-3040-US router with its six external antennas, alongside its power adapter and Ethernet cable.

SETUP

Follow these steps to set up your D-Link DIR-3040-US router:

1. **Positioning the Router:** Place the router in a central location in your home, away from obstructions and devices that may cause interference (e.g., cordless phones, microwaves). Ensure good air circulation around the device.
2. **Connect the Antennas:** Attach the six high-performance external antennas to the corresponding ports on the router. Ensure they are securely tightened.
3. **Connect to the Internet:**
 - Power off your modem.
 - Connect one end of the provided Cat 5E Ethernet cable to the *Internet* (WAN) port on the back of your DIR-

3040-US router (typically yellow).

- Connect the other end of the Ethernet cable to the Ethernet port on your modem.
- Power on your modem, then wait for its indicator lights to stabilize.
- Connect the power adapter to the router's power input and plug it into a power outlet. Press the power button to turn on the router.

4. Connect Your Devices:

- **Wireless Connection:** Locate the Wi-Fi Network Name (SSID) and Wi-Fi Password on the label attached to your router or on the Quick Installation Card. Connect your wireless devices (smartphones, tablets, laptops) to this network.
- **Wired Connection:** For wired devices (desktop computers, gaming consoles), connect an Ethernet cable from one of the *Gigabit Ethernet LAN ports* (typically blue) on the router to the Ethernet port on your device. The router has four such ports.

5. Initial Configuration:

- Open a web browser on a connected device and enter `http://dlinkrouter.local` or `http://192.168.0.1` in the address bar.
- Follow the on-screen instructions of the D-Link Setup Wizard to configure your internet connection and Wi-Fi settings. It is recommended to change the default Wi-Fi password and router login password for security.
- Alternatively, download the *D-Link Wi-Fi app* (available on Android and iOS) to set up and manage your router from your smartphone.

Product Details

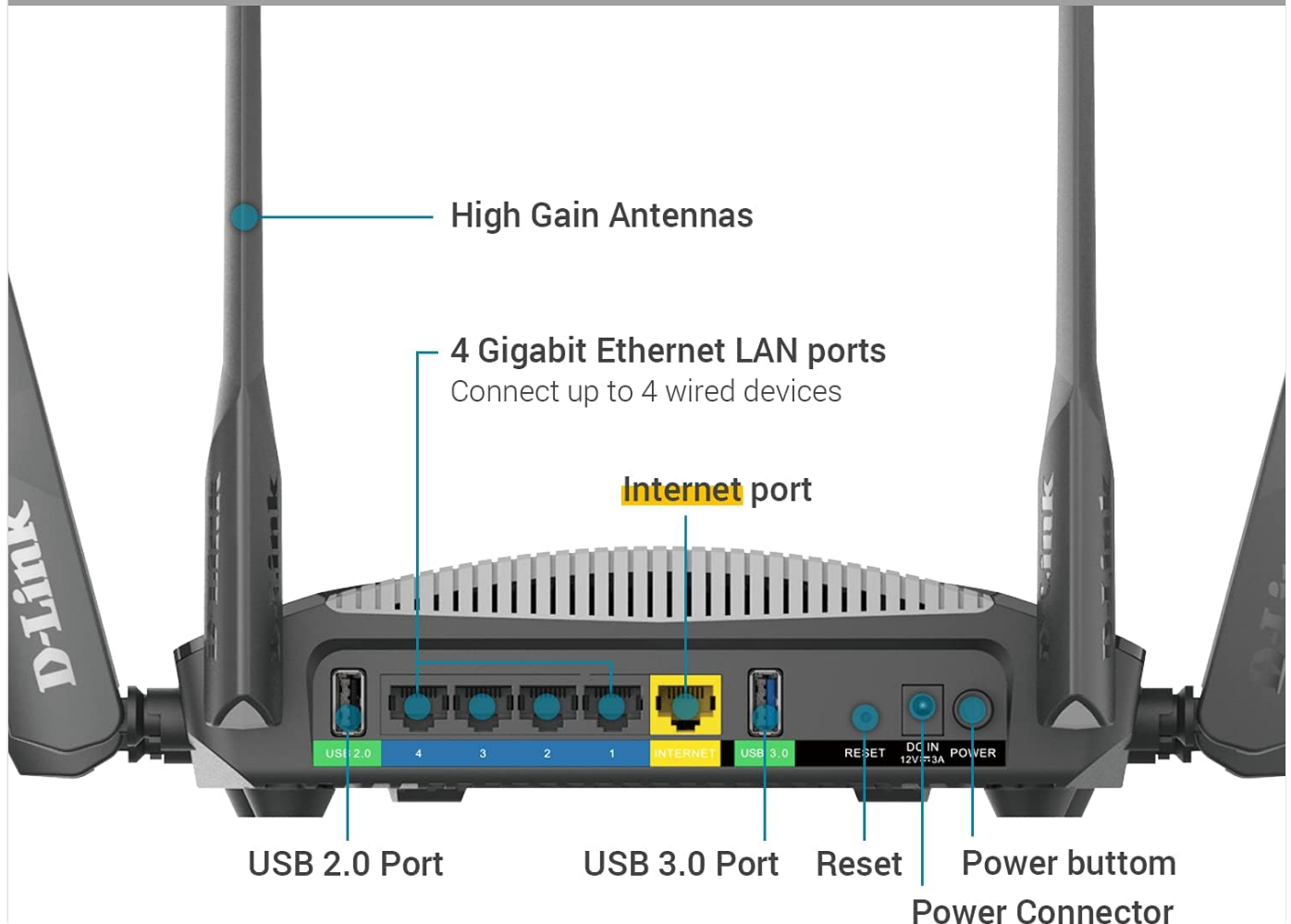


Image: The rear view of the D-Link DIR-3040-US router, highlighting the Internet port, four Gigabit Ethernet LAN ports, USB 2.0 and USB 3.0 ports, Reset button, DC In, and Power button.

OPERATING YOUR ROUTER

The D-Link DIR-3040-US router offers several advanced features to optimize your network experience:

- **Tri-Band Wi-Fi:** The router operates on three distinct Wi-Fi bands: one 2.4GHz band and two 5GHz bands. This allows for efficient distribution of network traffic, reducing congestion and providing optimal speeds for various devices. The 2.4GHz band is suitable for basic internet activities and wider coverage, while the 5GHz bands are ideal for high-bandwidth applications like 4K streaming and online gaming.

Tri-Band Wi-Fi

Two **5GHz** and one **2.4GHz** band help boost maximum possible speeds to each connected device.

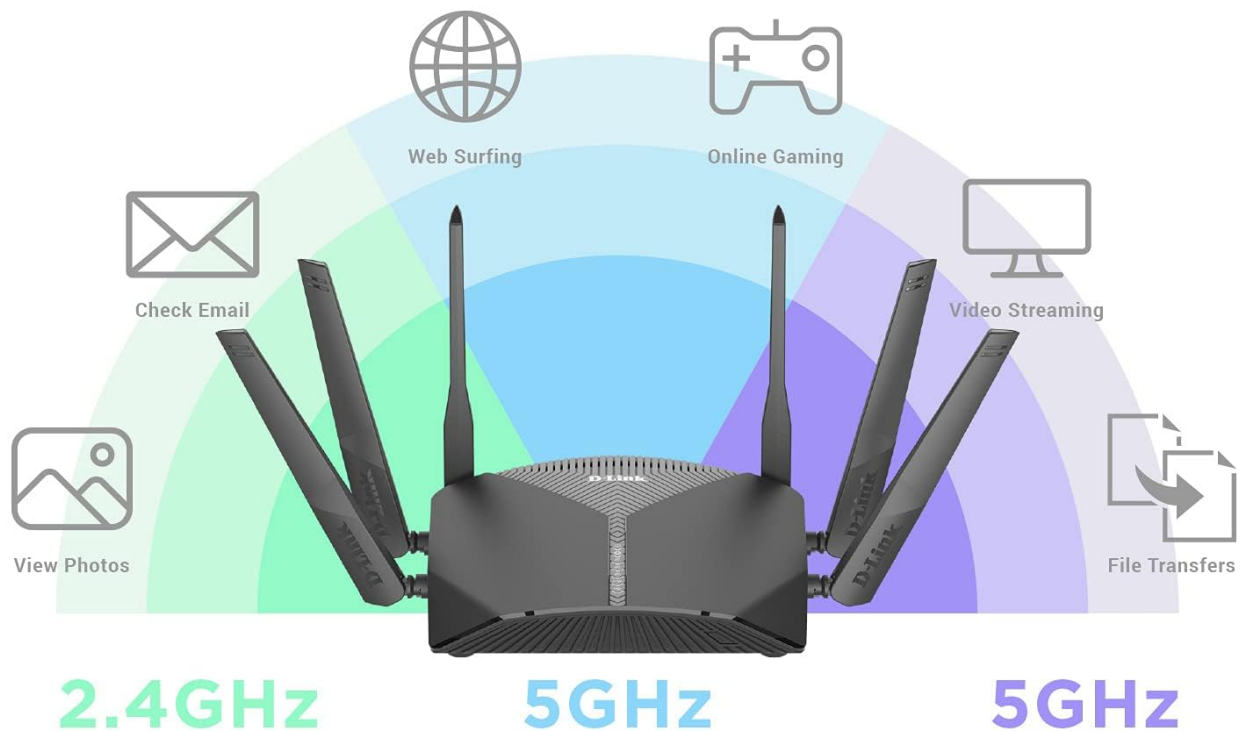


Image: A visual representation of the router's Tri-Band Wi-Fi capabilities, showing how devices connect to 2.4GHz and two 5GHz bands for different activities like web surfing, gaming, and streaming.

- **MU-MIMO Technology:** Multi-User, Multiple-Input, Multiple-Output (MU-MIMO) technology allows the router to communicate with multiple devices simultaneously, rather than sequentially. This significantly improves network efficiency and speed, especially in environments with many connected devices.
- **AC SmartBeam Technology:** This feature intelligently tracks your connected devices and directs Wi-Fi signals directly to them, rather than broadcasting in a general direction. This results in stronger, more reliable connections and extended coverage throughout your home.

Extended Coverage



6 high-performance external antennas
deliver stronger Wi-Fi coverage throughout your home.

Image: The D-Link router with six high-performance external antennas, illustrating how they deliver stronger Wi-Fi coverage across a home environment.

- **D-Link Wi-Fi Mesh:** The DIR-3040-US is compatible with D-Link Wi-Fi Mesh extenders, allowing you to create a seamless mesh network. This expands your Wi-Fi coverage to eliminate dead zones and provides a single network name for easy roaming.
- **Voice Control Compatibility:** Manage your network using voice commands through Amazon Alexa or Google Assistant. This allows for convenient control over certain router functions without needing to access the web interface or app.

Works with Google Assistant and Alexa

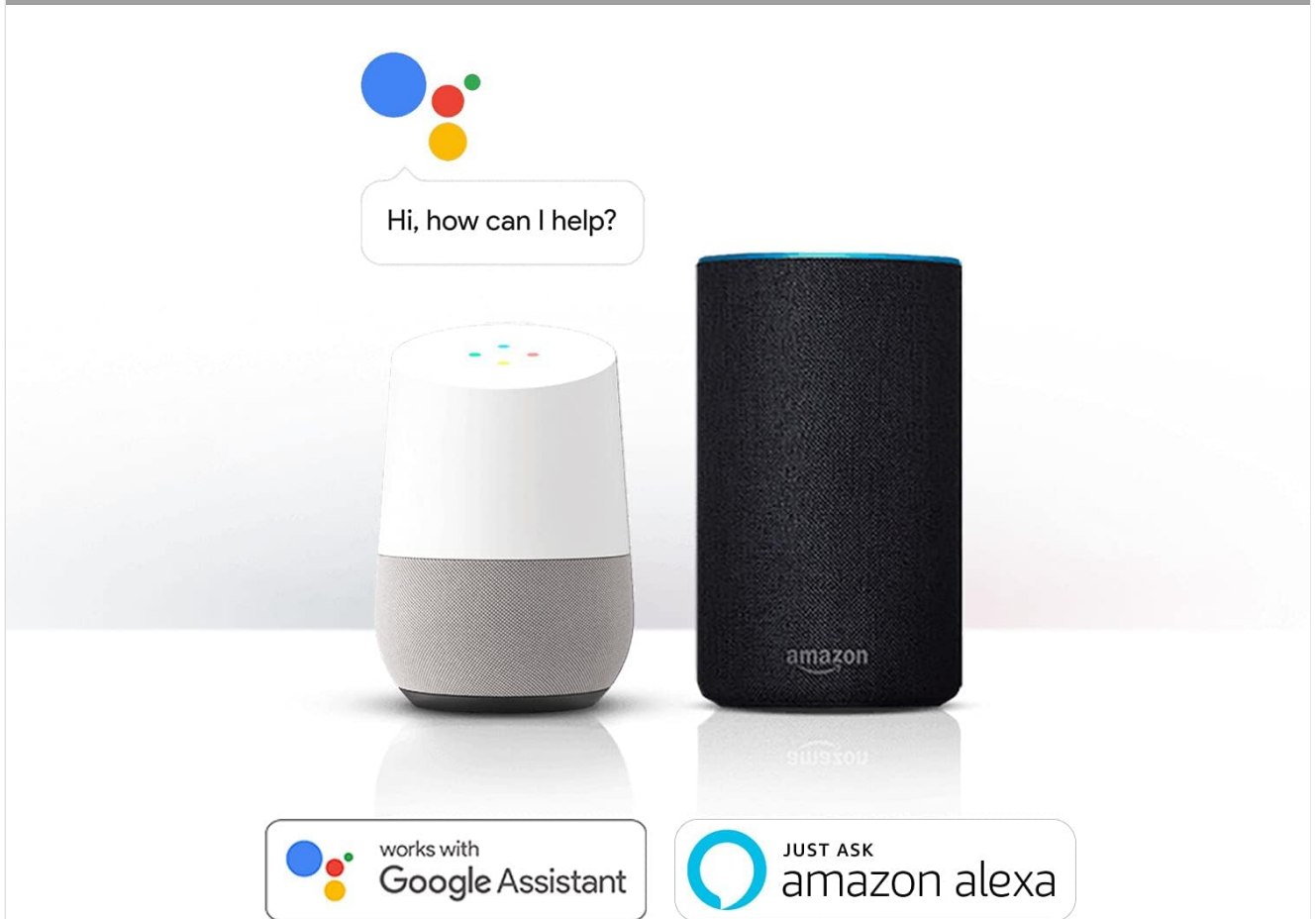


Image: Icons for Google Assistant and Amazon Alexa, indicating compatibility for voice control of the router.

- **Enhanced Parental Controls:** Create profiles for each family member and assign devices to them. This enables you to set schedules for internet access, block specific websites, and manage online time, ensuring a safe and controlled internet environment.

Enhanced Profile Based Parental Controls

Create profiles for each user and their devices - set schedules, limit Internet access, and more.



Image: A smartphone displaying the D-Link Wi-Fi app's parental control interface, showing options to create user profiles and set internet access schedules.

- **USB Ports:** The router includes both USB 2.0 and USB 3.0 ports. These can be used to connect external storage devices (like USB hard drives) to share files across your network or to connect a USB printer for network printing.

MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your router:

- **Firmware Updates:** Periodically check for and install the latest firmware updates through the D-Link Wi-Fi app or the router's web interface. Firmware updates often include performance improvements, security patches, and new features.
- **Rebooting:** If you experience slow speeds or intermittent connectivity, try rebooting your router by unplugging the power adapter for 10-15 seconds and then plugging it back in. This can resolve many common network issues.
- **Physical Cleaning:** Keep the router clean and free from dust. Use a soft, dry cloth to wipe the exterior. Ensure the ventilation slots are not blocked to prevent overheating.
- **Password Security:** Regularly change your Wi-Fi password and router administration password to prevent

unauthorized access to your network and settings.

TROUBLESHOOTING

If you encounter issues with your D-Link DIR-3040-US router, consider the following common solutions:

Problem	Possible Solution
No Internet Connection	<ul style="list-style-type: none">Check all cable connections (modem to router, router to device).Reboot your modem and router.Verify your Internet Service Provider (ISP) connection is active.Ensure the Internet LED on the router is solid green.
Slow Wi-Fi Speeds	<ul style="list-style-type: none">Move closer to the router to improve signal strength.Reduce interference by moving the router away from other electronics.Ensure your devices are connecting to the appropriate 5GHz band for higher speeds.Limit the number of simultaneous high-bandwidth activities.
Cannot Access Router Settings	<ul style="list-style-type: none">Ensure your device is connected to the router's network (wired or wireless).Try accessing http://dlinkrouter.local or http://192.168.0.1.Clear your browser's cache or try a different browser.Perform a factory reset (<i>see below</i>) if you forgot the password.
Wi-Fi Disconnects Frequently	<ul style="list-style-type: none">Check for firmware updates.Adjust antenna positions for better signal.Consider adding a D-Link Wi-Fi Mesh extender for larger homes.Ensure no other devices are causing signal interference.

Factory Reset: If all else fails, you can perform a factory reset. With the router powered on, use a paperclip to press and hold the *Reset* button (located on the back panel) for approximately 10 seconds until the power LED blinks. The router will restart with default settings. *Note: This will erase all your custom configurations.*

SPECIFICATIONS

Feature	Detail
Model Number	DIR-3040-US
Wireless Type	802.11n, 802.11b, 802.11g, 802.11ac
Frequency Band Class	Tri-Band (2.4 GHz, 5 GHz, 5 GHz)
Ethernet Ports	4 x Gigabit Ethernet LAN ports, 1 x Gigabit Ethernet WAN port
USB Ports	1 x USB 2.0, 1 x USB 3.0
Antennas	6 x High Gain External Antennas
Special Features	MU-MIMO, AC SmartBeam, D-Link Wi-Fi Mesh, Voice Control (Alexa/Google Assistant), Parental Controls, WPS
Dimensions (LxWxH)	7.8 x 8.5 x 2 inches
Item Weight	1.5 pounds

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official D-Link website or the documentation included with your product. You can also find additional resources, FAQs, and driver downloads on the D-Link support portal.

Online Resources:

- D-Link Official Website: www.dlink.com
- D-Link Support: support.dlink.com