

Dynamlink DL-WRX36

Dynamlink WiFi 6 AX3600 Router (DL-WRX36) Instruction Manual

Dual Band, 8-Stream, Wireless Speed Up to 3.6Gbps

1. INTRODUCTION

This manual provides detailed instructions for setting up, operating, and maintaining your Dynamlink WiFi 6 AX3600 Router (DL-WRX36). This high-performance dual-band router is designed to deliver fast, reliable, and secure wireless connectivity for your home and gaming needs.

2. KEY FEATURES

- **WiFi 6 (802.11ax) Technology:** Experience next-generation wireless speeds up to 3.6 Gbps across dual bands (2.4 GHz and 5 GHz).
- **8-Stream Connectivity:** Enhanced capacity for multiple devices simultaneously.
- **MU-MIMO Technology:** Efficiently handles multiple devices at once, reducing buffering and improving overall network performance.
- **OFDMA Technology:** Improves network efficiency and reduces latency for a smoother online experience.
- **Powerful 2.2 GHz Quad-Core CPU:** Ensures stable and high-speed data processing for demanding applications like streaming and gaming.
- **2.5G WAN Port:** Supports high-speed internet connections.
- **4 Gigabit LAN Ports:** Provides reliable wired connections for your devices.
- **USB 3.0 Port:** Allows for network file sharing or connecting a USB modem.
- **Internal Airgain Antennas:** Pre-optimized for best Wi-Fi performance and wide coverage up to 4,800 sq. ft.
- **Dynamlink App:** Easy setup and management via a user-friendly mobile application.
- **WPS Button:** For quick and secure connection of Wi-Fi devices.

3. PACKAGE CONTENTS

Verify that all items are present in your product package:

- Dynalink WiFi 6 AX3600 Router (DL-WRX36)
- Power Adapter
- Ethernet Cable
- Quick Setup Guide
- VIP Member Warranty Notice

4. PHYSICAL OVERVIEW

4.1 Front Panel LEDs

The front panel features LED indicators that display the status of your router:

- **Power LED:** Indicates power status.
- **Internet LED:** Shows internet connection status.
- **Wi-Fi LED:** Indicates Wi-Fi network activity.
- **LAN LEDs:** Indicate activity on the LAN ports.
- **USB LED:** Indicates USB port activity.

4.2 Rear Panel Ports and Buttons

The rear panel provides all necessary connection ports and control buttons:

Ultra-Fast Internet Access



Rear view of the Dynalink WiFi 6 AX3600 Router, highlighting the 2.5G WAN port, four Gigabit LAN ports, USB 3.0 port, WPS button, and power input.

- **DC 12V Power Input:** Connect the provided power adapter here.
- **WAN Port (2.5G):** Connect your modem's Ethernet cable to this port for internet access.
- **LAN1-4 Ports (1G):** Connect your wired devices (e.g., computers, gaming consoles) to these ports.
- **USB 3.0 Port:** Connect a USB storage device for network file sharing or a compatible USB modem.
- **Reset Button:** Press and hold to restore factory default settings.
- **WPS Button:** Press to quickly connect WPS-compatible wireless devices without entering a password.

4.3 Internal Antennas

AIRGAIN INTERNAL ANTENNA

Built-in 4 x Airgain antennas ,pre-optimized for best WiFi performance.



The router features built-in 4x Airgain antennas, pre-optimized for best Wi-Fi performance. The increased size of the router contributes to enhanced signal performance.

The router is equipped with four internal Airgain antennas, designed for optimal Wi-Fi coverage and signal strength.

5. SETUP

5.1 Hardware Connection

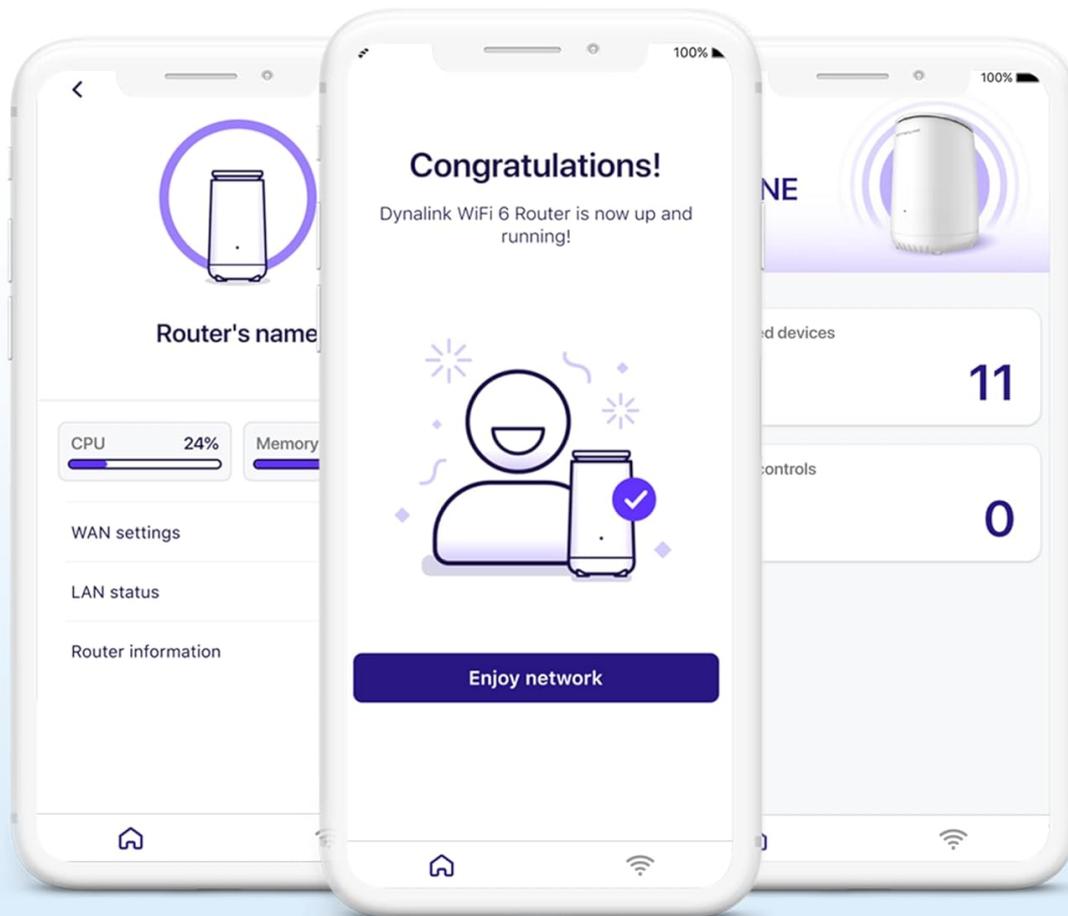
1. **Power Off Modem:** Unplug the power from your modem. If it has a backup battery, remove it.
2. **Connect Router:** Connect the Ethernet cable from your modem to the WAN port (blue) on the Dynalink router.
3. **Power On:** Plug the power adapter into the router's DC 12V input and then into a power outlet. Wait for the router to fully boot up (LEDs will stabilize).
4. **Connect Devices:** Connect your computer or other devices to the LAN ports (yellow) using Ethernet cables, or connect wirelessly via Wi-Fi.

5.2 Network Configuration

You can configure your router using the Dynalink App or a web browser.

Method 1: Via Dynalink App

Easy Setup and Management with the Dynalink App



The Dynalink App provides an intuitive interface for setting up and managing your router, including network status, connected devices, and parental controls.

1. **Download App:** Download the Dynalink App from your mobile device's app store.
2. **Launch App:** Open the app and follow the on-screen instructions to detect and set up your router.
3. **Create Account/Login:** Log in with your Dynalink ID or create a new account.
4. **Configure Wi-Fi:** Follow the steps to set your Wi-Fi network name (SSID) and password.

Method 2: Via Web Browser

1. **Connect to Router:** Connect your computer to the router wirelessly (using the default Wi-Fi name and password printed on the router label) or with an Ethernet cable.
2. **Access Web Interface:** Open a web browser and enter `http://192.168.0.1` in the address bar.
3. **Login:** Create a password to log in.
4. **Follow Setup Wizard:** Follow the step-by-step instructions to set up your internet connection and register for the Dynalink Cloud service.

6. OPERATING THE ROUTER

6.1 Connecting to Wi-Fi

WiFi6

The future is now ▶▶▶

Coverage up to
4,800 sq. ft

25%
increase in data
manage capability

up to
3.6Gbps

connect up to
200 devices

The Dynalink WiFi 6 AX3600 Router offers coverage up to 4,800 sq. ft., speeds up to 3.6 Gbps, and can connect up to 200 devices.

Once configured, your Wi-Fi network will be broadcast. You can connect your wireless devices by selecting your network name (SSID) and entering the password you set during setup.

6.2 Using the WPS Button

For WPS-compatible devices, simply press the WPS button on the rear of the router and then activate WPS on your device within two minutes to establish a secure connection.

6.3 Google Assistant Voice Control

Turn on the guest WiFi Network with Google Assistant voice control



works with the
Google Assistant

The Dynalink router supports Google Assistant voice control, allowing users to manage features like turning on the guest Wi-Fi network with simple voice commands.

The Dynalink router supports Google Assistant, allowing you to control certain network functions with voice commands, such as enabling or disabling the guest Wi-Fi network.

7. ADVANCED FEATURES

7.1 MU-MIMO and OFDMA

Support 4x4 MU-MIMO

MU-MIMO enables the Communicating with multiple devices simultaneously. More connected devices, No more waiting, no more slow-connection.

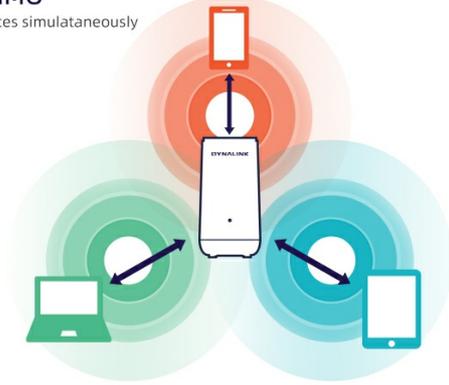
Single-User MIMO

Serving one device at a time



Multi-User MIMO

Serving multiple devices simultaneously



MU-MIMO technology enables the router to communicate with multiple devices simultaneously, reducing waiting times and improving connection speed for more connected devices.

The router utilizes MU-MIMO (Multi-User, Multiple-Input, Multiple-Output) and OFDMA (Orthogonal Frequency-Division Multiple Access) technologies to enhance network efficiency. MU-MIMO allows the router to communicate with multiple devices simultaneously, while OFDMA enables efficient data transmission to multiple users at low latency.

7.2 Guest Wi-Fi Network

Create a separate guest Wi-Fi network to provide internet access to visitors without sharing your main network password, enhancing security and privacy.

7.3 Repeater Mode

The router can be configured to operate in repeater mode, extending the range of an existing Wi-Fi network. This is useful for covering larger areas or eliminating Wi-Fi dead zones.

7.4 VPN Support

For enhanced security and privacy, the router supports VPN (Virtual Private Network) client functionality, allowing you to encrypt your internet traffic and mask your online location.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	5.9 x 3.94 x 9.06 inches
Item Weight	3.5 pounds
Model Number	DL-WRX36
Brand	Dynalink
Frequency Band Class	Dual-Band (2.4 GHz, 5 GHz)
Wireless Communication Standard	802.11ax (WiFi 6)
Connectivity Technology	Ethernet, Wi-Fi
WAN Ports	1 x 2.5G WAN Port

LAN Ports	4 x Gigabit LAN Ports
USB Port	1 x USB 3.0 Port
Special Feature	WPS
Color	White
Antenna Type	Internal

9. TROUBLESHOOTING

- **No Internet Connection:** Check all cable connections (power, WAN, LAN). Verify modem status. Restart both modem and router.
- **Slow Wi-Fi Speed:** Ensure your devices support Wi-Fi 6. Check for interference from other electronic devices. Try repositioning the router for better signal coverage.
- **Cannot Connect to Wi-Fi:** Double-check your Wi-Fi network name (SSID) and password. Ensure your device's wireless adapter drivers are up to date.
- **Router Overheating:** Ensure the router is placed in a well-ventilated area and not covered.
- **Forgot Admin Password:** Use the reset button on the rear panel to restore factory defaults. Note that this will erase all your custom settings.

10. MAINTENANCE

- **Placement:** Place the router in a central location, away from obstructions and sources of interference (e.g., microwaves, cordless phones).
- **Ventilation:** Ensure adequate airflow around the router to prevent overheating.
- **Cleaning:** Keep the router clean and free of dust. Use a soft, dry cloth for cleaning.
- **Firmware Updates:** Regularly check for and install firmware updates via the Dynalink App or web interface to ensure optimal performance and security.

11. WARRANTY AND SUPPORT

Your Dynalink WiFi 6 AX3600 Router (DL-WRX36) comes with a manufacturer's warranty. Please refer to the VIP Member Warranty Notice included in your package for detailed warranty terms and conditions. For technical support, troubleshooting assistance, or further inquiries, please visit the official Dynalink website or contact their customer service.

12. PRODUCT VIDEOS

Dynalink WiFi 6 AX3600 Router Dual Band 8-Stream WiFi Router

Your browser does not support the video tag.

This video provides an overview of the Dynalink WiFi 6 AX3600 Router, highlighting its dual-band and 8-stream capabilities for enhanced wireless performance.

Dynalink WiFi 6 AX3600 DL-WRX36 DualBand 8Stream WiFi Router

Your browser does not support the video tag.

A concise video showcasing the Dynalink WiFi 6 AX3600 DL-WRX36 Router and its key features for a fast and reliable home network.