

## GEYILO WD-R1200U

# GEYILO WD-R1200U Dual Band WiFi Extender Signal Booster User Manual

Model: WD-R1200U

## 1. INTRODUCTION

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The GEYILO WD-R1200U Dual Band WiFi Extender Signal Booster is designed to expand the coverage of your existing wireless network, eliminating dead zones and providing stable internet access across larger areas. This device supports dual-band technology (2.4GHz and 5GHz) and offers multiple operating modes to suit various networking needs.

## 2. SETUP INSTRUCTIONS

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### 2.1 Initial Placement

Place the WiFi extender in an area where your existing router's signal is still strong, but close enough to the areas where you need improved coverage. Avoid placing it near large metal objects, microwave ovens, or other devices that may cause interference.

# High Range Expands Coverage to 12880 Sq.Ft.



Experience seamless WiFi throughout your space—no signal loss even when passing through walls.

Image: The GEYILO WiFi Extender positioned to expand network coverage across a large home, illustrating its ability to provide seamless WiFi even through walls.

## 2.2 Connecting to Power

Plug the WiFi extender into a standard electrical outlet. Wait for the indicator lights to stabilize, indicating the device is powered on and ready for configuration.

## 2.3 WPS Button Setup (Recommended)

1. Plug the GEYILO WiFi Extender into an electrical outlet near your main router.
2. Wait for the power indicator light on the extender to turn solid.

3. Press the WPS button on your main router for approximately 1 second.
4. Within 2 minutes, press the WPS button on the GEYILO WiFi Extender for approximately 1 second.
5. The extender's signal indicator lights will flash and then turn solid, indicating a successful connection. The extended network will have the same name as your main network with '\_EXT' or similar suffix, using the same password.



Image: Visual guide demonstrating the simple WPS setup process for the WiFi Extender, showing the WPS button on both the extender and a typical router.

## 2.4 Manual Setup (via Web Browser)

1. Plug the GEYILO WiFi Extender into an electrical outlet.

2. On your computer or mobile device, connect to the extender's default WiFi network (e.g., 'WiFi-Repeater' or similar, without a password).
3. Open a web browser and enter the default IP address (usually found in the quick start guide, often 192.168.1.1 or 192.168.0.1) or the default web address (e.g., 'wifi.repeater').
4. Follow the on-screen instructions to select your existing WiFi network and enter its password.
5. Once configured, the extender will restart. Reconnect your devices to the new extended network.

## 2.5 Setup Demonstration Video

Video: Official video demonstrating the setup process and key features of the GEYILO Dual Band WiFi Repeater, including 2.4GHz and 5GHz connectivity and wired connection options.

## 3. OPERATING MODES

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The GEYILO WD-R1200U supports three primary operating modes:

# 3 Access Modes

## AP Mode



## Repeater Mode



## Router Mode



Image: A visual representation of the three available operating modes: AP Mode, Repeater Mode, and Router Mode, showing how the extender interacts with a main router and devices in each configuration.

- **Repeater Mode:** Extends the coverage of an existing wireless network. This is the most common mode for signal boosting.
- **AP Mode (Access Point Mode):** Converts a wired network connection into a wireless one. Ideal for areas with only wired internet access.
- **Router Mode:** Functions as a primary router, creating a new private wireless network. This mode is less common for an extender but provides flexibility.

## 4. PERFORMANCE AND FEATURES

## 4.1 Dual Band Technology

The extender utilizes dual-band technology, supporting both 2.4GHz and 5GHz frequencies. The 2.4GHz band offers wider coverage, while the 5GHz band provides faster speeds for demanding applications like streaming and gaming.

**Dual Band Performance  
for More Devices**

Connect up to 105 devices

**2.4G**  
300Mbps

**5.0G**  
867Mbps-1200Mbps

WiFi REPEATER

Camera Computer Smartphone SmartTV Games Consoles

Image: The WiFi Extender showcasing its dual-band capabilities, indicating 2.4G (up to 300Mbps) and 5G (867-1200Mbps) support for connecting up to 105 devices.

## 4.2 Enhanced Security

Equipped with an embedded security encryption module and a 2.4/5GHz dual-band processor, the extender maximizes network security, safeguarding your data and privacy.

# Advanced Security Chip

Advanced central processing units and intelligent chips process

**78%** Faster  
Speed

**70%** Wider  
Coverage



Image: An internal view of the WiFi Extender, emphasizing its advanced security chip and intelligent processing for improved speed and coverage.

## 4.3 Signal Indicator and Ports

The device features signal indicator lights to help you find the optimal placement for the best signal strength. It also includes two Ethernet ports for wired connections to devices like smart TVs or gaming consoles.

# Poewerful WiFi Range Extender



Image: Detailed view of the GEYILO WiFi Extender's front panel, showing LED indicators for 2.4G and 5G signals, wireless activity, the WPS button, and the two Ethernet ports at the bottom.

## 5. TECHNICAL SPECIFICATIONS

| Feature      | Specification |
|--------------|---------------|
| Brand        | GEYILO        |
| Model Number | WD-R1200U     |

|                                 |  |
|---------------------------------|--|
| Wireless Communication Standard | 802.11a/b/g/n/ac   |
| Data Transfer Rate              | 1200 Megabytes Per Second  |
| Frequency Bands Supported       | Dual-Band (2.4 GHz, 5 GHz)   |
| Special Features                | 1-Tap Setup, 360 Degree Coverage, Directional Antenna, Firewall, WiFi Mesh |
| Connector Type                  | RJ45 (Ethernet)  |
| Color                           | Black  |
| UPC                             | 787353591552   |

## 6. TROUBLESHOOTING

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- **No Internet Access:** Ensure the extender is successfully connected to your main router (solid signal indicator lights). Check your main router's internet connection.
- **Slow Speed:** Try repositioning the extender closer to your main router or closer to the devices needing better signal. Ensure there are no major obstructions. Consider connecting devices to the 5GHz band for higher speeds if supported.
- **Connection Drops:** Check for interference from other electronic devices. Ensure the extender's firmware is up to date (refer to manufacturer's website for updates).
- **Cannot Access Setup Page:** Verify you are connected to the extender's default WiFi network (if performing manual setup). Try a different web browser or clear your browser's cache. Reset the extender to factory defaults and try again.
- **Resetting the Extender:** To reset the extender to factory settings, use a pin to press and hold the reset button (usually a small hole) for about 5-10 seconds until the lights flash.

## 7. WARRANTY AND SUPPORT

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For warranty information, technical support, or further assistance, please refer to the contact details provided in the product packaging or visit the official GEYILO website. Keep your purchase receipt for warranty claims.