

RG-REX12

Generic RG-REX12 AC1200 Dual-Band WiFi 5 Mesh Extender User Manual

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your Generic RG-REX12 AC1200 Dual-Band WiFi 5 Mesh Extender. Please read this manual thoroughly before using the device to ensure optimal performance and safety. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The RG-REX12 is an AC1200 Dual-Band WiFi 5 Mesh Extender designed to extend your existing wireless network coverage and eliminate Wi-Fi dead zones. It supports both 2.4GHz and 5GHz bands for reliable connectivity and integrates with Reyee Mesh technology for seamless whole-home Wi-Fi.

2.1 Key Features

- AC1200 Dual-Band WiFi 5 Performance:** Supports 2.4GHz and 5GHz for fast and reliable connectivity.
- Extended Coverage & Signal Boosting:** Offers up to 7800 ft² max range with 2 x FEM independent signal amplifiers.
- Seamless Mesh Integration:** Works with Reyee Mesh for whole-home WiFi without interruptions.
- High Client Capacity:** Supports up to 64 clients (24 recommended).
- Fast Ethernet Port:** Includes 1 x FE port for wired connections.
- Smart Management Options:** Configure and monitor via WebUI, Cloud, and App.
- Plug-and-Play Setup:** Easy installation with intuitive app-based controls.
- Efficient Power Consumption:** Operates at 15W.

2.2 Package Contents

The product package includes:

- 1 x RG-REX12 WiFi 5 Mesh Extender

2.3 Device Layout



Image: Front view of the RG-REX12 AC1200 Dual-Band WiFi 5 Mesh Extender, showing its compact design and external antennas.

3. SETUP

Follow these steps for initial setup of your RG-REX12 Mesh Extender.

- Power On:** Plug the RG-REX12 extender into a power outlet. Wait for the indicator light to stabilize, typically indicating it is ready for setup.
- Placement:** For optimal performance, place the extender midway between your main router and the area where you need improved Wi-Fi coverage. Avoid obstructions like thick walls or large metal objects.
- Connect to Extender:** On your mobile device or computer, connect to the Wi-Fi network broadcast by the extender (e.g., "Reyee_XXXX").
- Configuration:**
 - Using the Reyee App (Recommended):** Download the Reyee App from your device's app store. Open the app and follow the on-screen instructions to detect and configure your extender. This method simplifies mesh integration.
 - Using a Web Browser:** Open a web browser and enter the default IP address (usually 192.168.10.1 or reyeewifi.com) into the address bar. Follow the setup wizard to connect the

extender to your existing Wi-Fi network.

5. **Verify Connection:** Once configured, the extender's indicator light should show a stable connection status (e.g., solid blue or green). Test the Wi-Fi signal in the extended area.

4. OPERATING INSTRUCTIONS

The RG-REX12 operates to seamlessly extend your Wi-Fi network. Here are key operational aspects:

4.1 Mesh Network Operation

When integrated with a Reyee Mesh network, the RG-REX12 creates a single, unified Wi-Fi network name (SSID). Your devices will automatically switch between your main router and the extender as you move around, ensuring a continuous and strong signal without manual intervention.

4.2 Dual-Band Connectivity

The extender supports both 2.4GHz and 5GHz Wi-Fi bands. The 2.4GHz band offers wider coverage and better penetration through obstacles, while the 5GHz band provides faster speeds for devices closer to the extender. The extender intelligently manages connections to optimize performance.

4.3 Wired Connections

The Fast Ethernet (FE) port on the RG-REX12 allows you to connect a wired device, such as a desktop computer, smart TV, or gaming console, to your network. This provides a stable and high-speed connection for devices that benefit from a direct link.

4.4 Management and Monitoring

You can manage and monitor your RG-REX12 extender using:

- **Reyee App:** Provides remote access, network status, connected devices, and advanced settings.
- **Web User Interface (WebUI):** Access via a web browser for detailed configuration and monitoring.
- **Cloud Management:** For advanced users or small businesses, cloud management offers centralized control.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your RG-REX12 extender.

- **Firmware Updates:** Regularly check for and install firmware updates through the Reyee App or WebUI. Updates often include performance improvements, security patches, and new features.
- **Cleaning:** Keep the device clean and free from dust. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the extender is placed in a well-ventilated area. Do not cover ventilation openings.
- **Power Cycle:** If you experience minor network issues, try power cycling the extender (unplug from power, wait 10 seconds, then plug back in).

6. TROUBLESHOOTING

If you encounter issues with your RG-REX12 extender, refer to the following common problems and solutions.

- **No Power:**

- Ensure the power adapter is securely plugged into the extender and a working power outlet.
- Try a different power outlet.

- **Cannot Connect to Extender's Wi-Fi:**

- Verify the extender is powered on and its indicator light is active.
- Ensure you are selecting the correct Wi-Fi network name (SSID) and entering the correct password.
- Restart the extender and your device.

- **Poor Signal or Slow Speed:**

- Relocate the extender closer to your main router, ensuring it's still within a good signal range of the router.
- Avoid placing the extender near large metal objects, microwave ovens, or other sources of interference.
- Check for firmware updates.
- Ensure your main router is functioning correctly.

- **Extender Not Connecting to Main Router:**

- During setup, ensure you select the correct main Wi-Fi network and enter its password accurately.
- Move the extender closer to the main router during the initial setup phase.
- Reset the extender to factory defaults (refer to the device for a reset button, usually a small pinhole) and attempt setup again.

7. SPECIFICATIONS

Feature	Description
Model	RG-REX12
Wi-Fi Standard	AC1200, WiFi 5 (802.11ac/a/b/g/n)
Frequency Bands	2.4GHz & 5GHz Dual-Band
Antennas	2 x External Omni-directional (2.4GHz: 4dBi, 5GHz: 4dBi)
Signal Amplifiers	2 x FEM Independent
Max Coverage	7800 ft ²
Client Capacity	Up to 64 (24 recommended)
Ethernet Port	1 x Fast Ethernet (FE) Port
Power Consumption	15W
Management	WebUI, Cloud, App

Manufacturer

Reyee

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Reyee website. Keep your proof of purchase for warranty claims.

If you require assistance with setup, troubleshooting, or have questions about your RG-REX12 extender, please contact Reyee customer support through their official channels.