

Wodgreat WG-N300R REV1.1

Wodgreat N300 300Mbps WiFi Repeater User Manual

Model: WG-N300R REV1.1

1. INTRODUCTION

Product Overview

The Wodgreat N300 Repeater is designed to extend wireless network coverage for small businesses, offices, and homes. It supports both wired and wireless network connections and complies with the IEEE802.11b/g/n standard, ensuring compatibility with other wireless products using the same protocol. This device allows you to create an instant Wi-Fi hotspot wherever an internet connection is available.

Key Features

- **Eliminate Wi-Fi Dead Zones:** Extends your wireless signal to areas with weak or no signal, improving overall coverage.
- **High Speed and Stable Connection:** Provides up to 300Mbps for 2.4GHz, supported by two external high-gain antennas for stable signal transmission.
- **Multiple Working Modes:** Supports Repeater Mode, AP Mode, and Router Mode for versatile network solutions.
- **Easy Installation:** Simple setup process without the need for additional applications.
- **Wide Compatibility:** Connects with 99% of smart devices.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Wodgreat N300 WiFi Repeater
- 1 x Quick Installation Guide

Mostrar detalles



Botón de reinicio

Interfaz WAN

Interfaz LAN



Image: The Wodgreat N300 WiFi Repeater and its included Quick Installation Guide. The image also highlights the device's indicators and ports.

3. PRODUCT DIAGRAM

Familiarize yourself with the components of your Wodgreat N300 WiFi Repeater:



Image: A detailed view of the Wodgreat N300 WiFi Repeater. Key components include the Reset button, WAN Interface, LAN Interface, and indicator lights for WAN, LAN, Link, and WiFi status.

- **WAN Indicator Light:** Indicates the status of the Wide Area Network connection.
- **LAN Indicator Light:** Indicates the status of the Local Area Network connection.
- **Link Indicator Light:** Indicates network activity.
- **WiFi Indicator Light:** Indicates the status of the wireless signal.
- **Reset Button:** Used to restore the device to factory default settings.
- **WAN Port:** Connects to your modem or router for internet access.
- **LAN Port:** Connects to wired devices like PCs or game consoles.

4. SETUP AND INSTALLATION

Follow these steps for easy installation and connection of your WiFi Repeater:

1. **Power On:** Plug the WiFi Repeater into an electrical outlet. Wait for the power indicator light to turn on.
2. **Connect to the Repeater:** On your computer or mobile device, connect to the Repeater's default Wi-Fi network (e.g., "Wodgreat_XXXX"). No password is required initially.
3. **Access Setup Page:** Open a web browser and enter the default IP address or domain name provided in

the Quick Installation Guide (e.g., 192.168.10.1 or repeater.net).

4. **Configure Settings:** Follow the on-screen instructions to select your desired operating mode (Repeater, AP, or Router) and configure network settings, including your existing Wi-Fi network's name and password if in Repeater mode.
5. **Placement:** For optimal performance, place the extender between your router and the area with weak Wi-Fi signal. Avoid placing it too close to the router or in areas with many obstructions.

Wodgreat Extensor Wi-Fi

Extensor de cobertura amplia

enrutador

Wodgreat Extensor Wi-Fi

Repetidor		Alcance inalámbrico del enrutador		Alcance inalámbrico extensor
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Image: An illustration demonstrating how a WiFi extender can be strategically placed within a home to expand the wireless network's coverage from the main router to previously uncovered areas.

5. OPERATING MODES

The Wodgreat N300 WiFi Repeater supports three primary operating modes:

MODO DE TRABAJO



Image: A visual representation of the three working modes: AP Mode, Router Mode, and Repeater Mode, showing how the device integrates into different network setups.

- **Repeater Mode:** This mode extends the range of your existing Wi-Fi network. The repeater connects wirelessly to your main router and rebroadcasts the signal, eliminating dead zones. This is ideal for large homes or offices where the existing Wi-Fi signal is weak in certain areas.
- **AP (Access Point) Mode:** In AP mode, the device converts a wired network connection into a wireless one. Connect the repeater to your router via an Ethernet cable, and it will create a new Wi-Fi network, providing wireless access to devices. This is useful for adding Wi-Fi capability to a wired-only network.
- **Router Mode:** The device functions as a primary router, creating a new private network. Connect it to a modem via an Ethernet cable, and it will provide both wired and wireless internet access to your devices. This mode is suitable for setting up a new network.

6. MAINTENANCE

To ensure optimal performance and longevity of your Wodgreat N300 WiFi Repeater, consider the following maintenance tips:

- **Keep it Clean:** Regularly dust the device to prevent accumulation that could obstruct ventilation and lead to overheating.

- **Proper Ventilation:** Ensure the device is placed in an area with good airflow and not covered by objects that could block its vents.
- **Firmware Updates:** Check the manufacturer's website periodically for firmware updates. Updates can improve performance, add features, and fix security vulnerabilities.
- **Avoid Extreme Conditions:** Do not expose the device to extreme temperatures, humidity, or direct sunlight.
- **Restart Periodically:** Occasionally restarting the repeater (unplugging and plugging it back in) can help clear temporary glitches and improve performance.

7. TROUBLESHOOTING

If you encounter issues with your Wodgreat N300 WiFi Repeater, try the following solutions:

- **No Internet Access:**
 - Check if your main router has internet access.
 - Ensure the repeater is within range of your main router.
 - Verify that the repeater is correctly configured for the chosen operating mode.
 - Restart both your main router and the repeater.
- **Weak Signal from Repeater:**
 - Relocate the repeater to a position halfway between your router and the dead zone.
 - Ensure there are no major obstructions (thick walls, large metal objects) between the repeater and your devices.
- **Cannot Access Setup Page:**
 - Ensure your device is connected to the repeater's Wi-Fi network.
 - Try a different web browser.
 - Reset the repeater to factory defaults using the reset button and try again.
- **Connection Drops Frequently:**
 - Check for interference from other electronic devices.
 - Ensure the repeater's firmware is up to date.
 - Consider changing the Wi-Fi channel on your main router to avoid congestion.

Note: WiFi extenders are designed to increase or improve WiFi coverage, not to directly increase internet speed.

8. TECHNICAL SPECIFICATIONS

Brand	Wodgreat
Model	WG-N300R REV1.1
Wireless Type	802.11bgn
Data Transfer Rate	300 Megabits Per Second
Frequency Band Class	Single-Band (2.4 GHz)

Special Features	Access Point Mode, Repeater Mode, Router Mode
Color	Black
Item Weight	150 g
Package Dimensions	11 x 8.79 x 7.49 cm
Compatible Devices	Router

9. WARRANTY AND SUPPORT

Wodgreat provides a one-year warranty for all its products. If you encounter any issues or have questions regarding the use of your Wodgreat N300 WiFi Repeater, please contact Wodgreat customer support for assistance. High-quality after-sales service is available to ensure your satisfaction.

For support, please refer to the contact information provided in your Quick Installation Guide or visit the official Wodgreat website.