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Jancane WF002-W

Jancane WF002-W WiFi Extender User Manual

Model: WF002-W

1. Product Overview

The Jancane WF002-W WiFi Extender is designed to expand the coverage of your existing wireless network, eliminating Wi-Fi dead zones and providing a stronger, more reliable signal throughout your home or office. It supports high-speed data transmission up to 300Mbps and is compatible with various wireless devices.





Figure 1: Jancane WF002-W WiFi Extender

Key Features:

- **Super Signal Coverage:** Extends WiFi signal to dead zones with transmission rates up to 300Mbps.
- **Dual Modes:** Supports Repeater Mode for extending existing wireless networks and Access Point (AP) Mode for converting wired connections to wireless.
- **Wide Compatibility:** Compatible with 802.11N/B/G wireless network devices, including routers, modems, smartphones, tablets, and smart TVs.
- **Enhanced Security:** Maximizes network security with WPA/WPA2 support to protect data and privacy.
- **Easy Setup:** Features one-touch WPS setup and web browser configuration for quick installation.

2. Package Contents

Please verify that all items are present in the package:

- WiFi Extender Signal Booster (US Plug)
- RJ45 Ethernet Cable (1)
- User Manual (1)

3. Specifications

Feature	Description
Model Number	WF002-W
Product Dimensions	1.95 x 1.95 x 3.14 inches
Item Weight	5.3 ounces
Color	White
Compatible Devices	Personal Computer, Router, Smartphone, Tablet
Connector Type	RJ45
Wireless Standard	802.11N/B/G

4. Setup Guide

The Jancane WF002-W WiFi Extender offers two primary setup methods: WPS (Wi-Fi Protected Setup) and Web Browser Configuration.

4.1. WPS One-Touch Setup

This is the quickest method if your router supports WPS.

1. Plug the WiFi Extender into a power outlet near your main router.
2. Wait for the indicator light on the extender to stabilize.
3. Press the WPS button on the WiFi Extender.
4. Within 2 minutes, press the WPS button on your main router.
5. The extender's indicator light should change to indicate a successful connection.
6. Once connected, you can unplug the extender and relocate it to a desired location within your router's WiFi range.

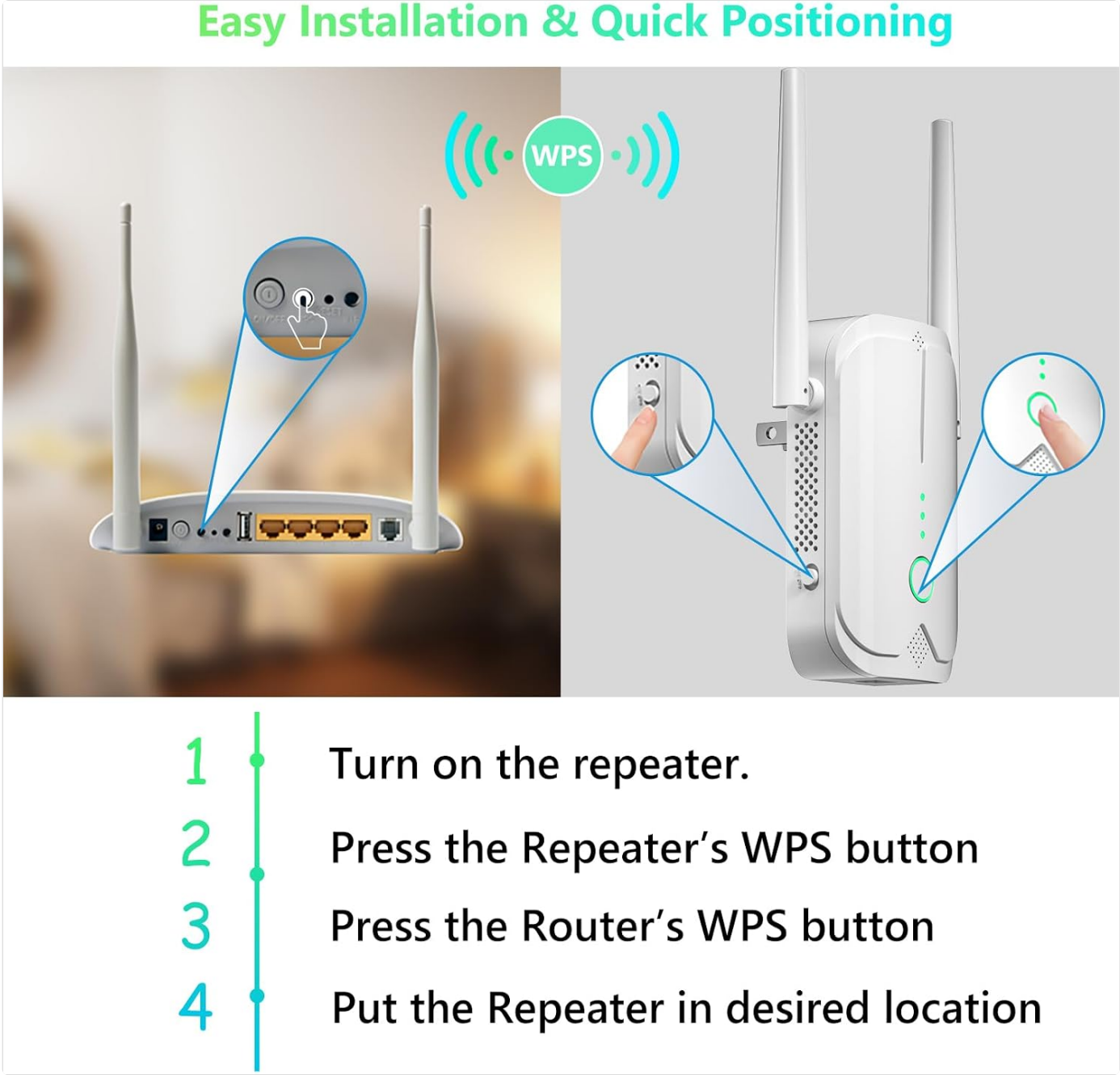


Figure 2: WPS Setup Process

4.2. Web Browser Configuration

Use this method if your router does not have a WPS button or for more advanced settings.

1. Plug the WiFi Extender into a power outlet near your main router.
2. On your computer or smartphone, connect to the extender's default Wi-Fi network (e.g., "Repeater_XXXXXX"). No password is required initially.
3. Open a web browser and enter the default IP address or domain name (refer to the included user manual for specific details, typically 192.168.1.1 or a specific URL).
4. Log in using the default credentials (e.g., admin/admin).
5. Follow the on-screen wizard to select your desired operating mode (Repeater or AP) and connect to your main router's Wi-Fi network by entering its password.
6. Once configured, the extender will restart. You can then connect your devices to the extended network.

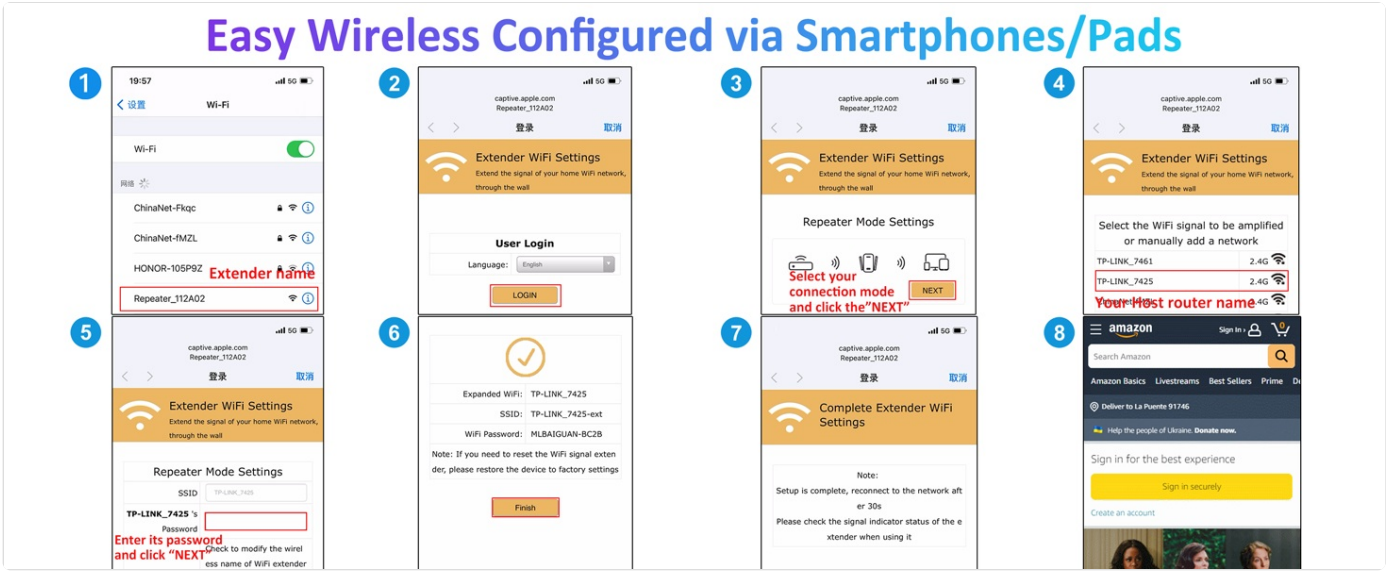


Figure 3: Web Browser Configuration via Smartphone

5. Operating Modes

The Jancane WF002-W WiFi Extender supports two main operating modes:

5.1. Repeater Mode

In Repeater Mode, the extender wirelessly connects to your existing router's Wi-Fi network and re-broadcasts the signal, extending its coverage. This is ideal for eliminating dead zones in larger homes or offices.

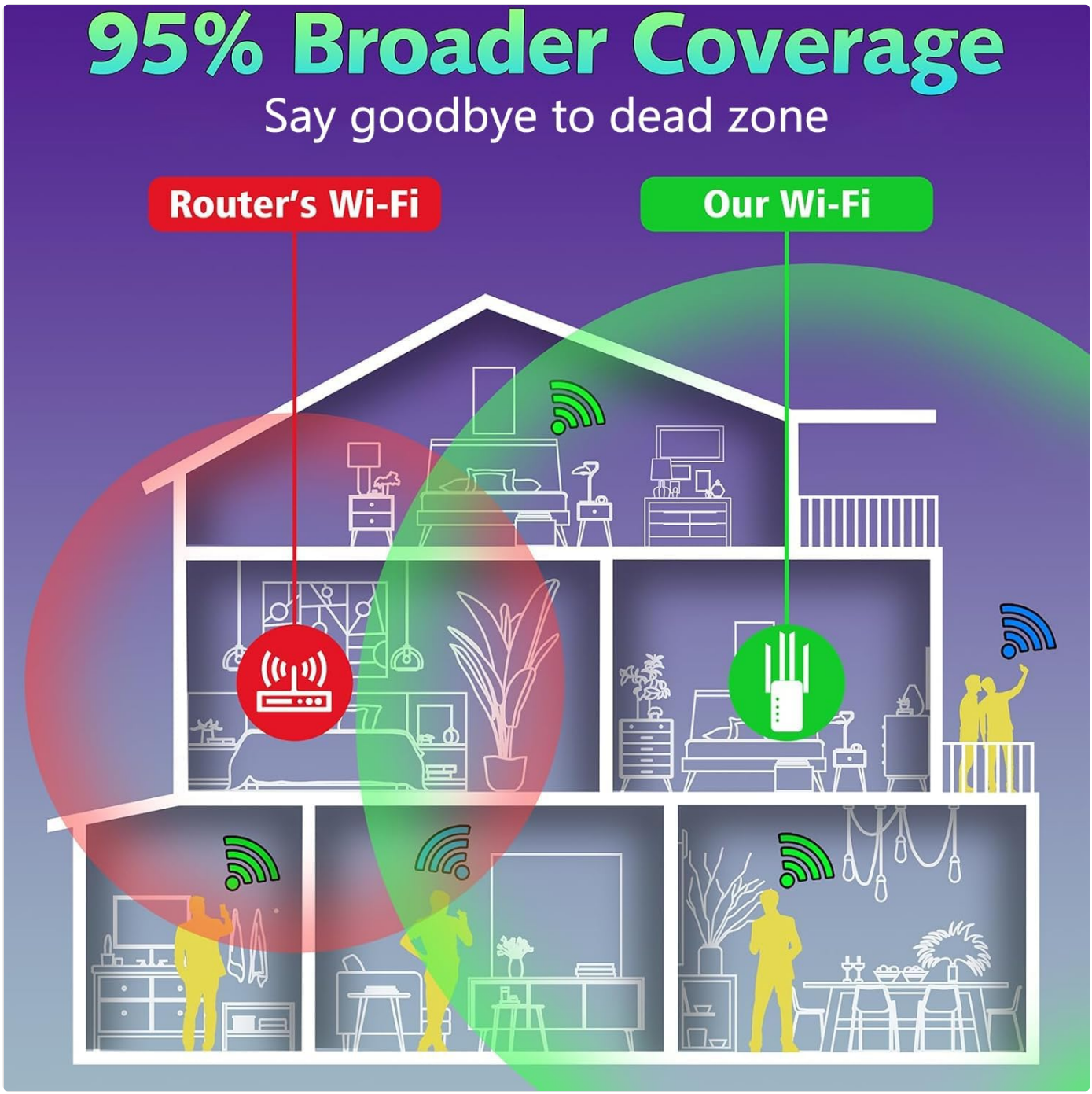


Figure 4: Extended Coverage in Repeater Mode

5.2. Access Point (AP) Mode

In AP Mode, the extender connects to your router via an Ethernet cable and creates a new wireless network. This is useful for adding Wi-Fi capability to a wired-only network or creating a separate Wi-Fi network in a specific area.



Figure 5: Access Point Mode with Ethernet Connection

6. Optimal Placement

For best performance, place the WiFi Extender in a location that is:

- Midway between your router and the area with weak Wi-Fi signal.
- Away from large metal objects, concrete walls, or other sources of interference (e.g., microwaves, cordless phones).
- In a clear line of sight to your router if possible.



Figure 6: Guide to Optimal Extender Placement

7. Maintenance

To ensure the longevity and optimal performance of your Jancane WF002-W WiFi Extender:

- Keep the device in a well-ventilated area to prevent overheating.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Periodically check for firmware updates on the manufacturer's website to ensure the best performance and security.

8. Troubleshooting

If you encounter issues with your WiFi Extender, refer to the following common problems and solutions:

Problem	Possible Solution
No power/LEDs off	Ensure the extender is securely plugged into a working power outlet. Try a different outlet.
Cannot connect to the extended network	Verify the extender is powered on and configured correctly. Check the Wi-Fi password. Try restarting both the extender and your device.
Weak signal from extender	Relocate the extender closer to your main router, ensuring it's still within the area needing extended coverage. Avoid physical obstructions.
Slow internet speed through extender	Ensure optimal placement. Check for interference from other electronic devices. Your main router's speed may be a limiting factor.
WPS setup failed	Ensure you pressed the WPS buttons on both devices within the time limit. Try the web browser configuration method instead.
Forgot login password for web interface	Perform a factory reset on the extender (usually by pressing a reset button for several seconds) and reconfigure it.

If the problem persists, please contact Jancane customer support for further assistance.

9. Safety Information

Please read and follow these safety guidelines:

- Do not open or attempt to repair the device yourself.
- Use only the power adapter provided or specified by the manufacturer.
- Keep the device away from water, fire, and high voltage equipment.
- Ensure proper ventilation to prevent overheating.
- This device is for indoor use only.
- To maximize network security, ensure WPA/WPA2 encryption is enabled on your network.

10. Warranty and Support

Jancane products typically come with a limited warranty. Please refer to the warranty card included in your package or visit the official Jancane website for detailed warranty terms and conditions.
For technical support, product inquiries, or warranty claims, please contact Jancane customer service through the contact information provided on their official website or the product packaging.
Manufacturer: Jancane

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