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Jancane WF003

Jancane WiFi Extender Instruction Manual

Model: WF003

1. Introduction

This manual provides comprehensive instructions for setting up, operating, and maintaining your Jancane WiFi Extender (Model WF003). This device is designed to expand your existing Wi-Fi network's coverage, eliminating dead zones and providing a stronger, more reliable signal throughout your home or office. It supports both 2.4 GHz and 5 GHz frequency bands and is compatible with a wide range of Wi-Fi enabled devices.



Figure 1: Illustration of the WiFi Extender's ability to eliminate dead zones and expand coverage.

2. Product Appearance and Components

Familiarize yourself with the physical features and indicators of your Jancane WiFi Extender.



Figure 2: Front and side view of the Jancane WiFi Extender with key components labeled.

- **Power Indicator:** Indicates the power status of the device.
- **Wireless Indicator:** Shows the status of the wireless connection.
- **WPS Indicator:** Lights up during WPS pairing process.
- **LAN Indicator:** Indicates activity on the LAN port.
- **LAN Port:** Used for wired connections (e.g., to a PC or gaming console).
- **Reset Button:** Press and hold to restore factory default settings.
- **WPS Button:** For quick and easy setup with WPS-enabled routers.

3. Setup and Installation

Your Jancane WiFi Extender can be set up using two primary methods: WPS (Wi-Fi Protected Setup) or via a web browser on your smartphone or computer.

3.1. WPS Setup (Recommended for quick setup)

1. **Plug In:** Plug the WiFi Extender into an electrical outlet near your main router. Wait approximately 10-20 seconds until the Wireless LED (often indicated by a Wi-Fi icon) begins to blink.
2. **Press WPS on Extender:** Press the WPS button on the Jancane WiFi Extender. The WPS LED will start blinking.
3. **Press WPS on Router:** Within 2 minutes, press the WPS button on your main Wi-Fi router.
4. **Wait for Connection:** The WPS LED on the extender should turn solid green, indicating a successful connection.
5. **Relocate Extender:** Once connected, you can unplug the extender and move it to a location between your router and the Wi-Fi dead zone. Ensure the Wireless LED remains solid green or blue to confirm a good signal.



Figure 3: Visual guide for WPS setup.



Figure 4: Simplified visual for 1-Tap WPS setup.

3.2. Web Browser Setup (For detailed configuration)

This method allows for more control over the extender's settings.

1. **Plug In:** Plug the WiFi Extender into an electrical outlet. Wait until the Wireless LED begins to blink.
2. **Connect to Extender's Wi-Fi:** On your smartphone, tablet, or computer, go to your Wi-Fi settings. Find and connect to the network named "Repeater-xxxx" (where xxxx are the last four characters of the extender's MAC address, usually found on a label on the device). No password is required for this initial connection.
3. **Access Setup Page:** Open a web browser (e.g., Chrome, Firefox, Safari) and type**http://192.168.11.1** into the address bar and press Enter. If this address doesn't work, try **http://repeater.local** or refer to the device's label for the default IP address.
4. **Login:** When prompted, enter the default username and password, which is typically**admin** for both. Click "Login".
5. **Select Mode:** On the setup page, select "Repeater Mode" to extend your existing Wi-Fi network.
6. **Scan for Networks:** The extender will scan for available Wi-Fi networks. Select your host router's 2.4GHz SSID (network name) from the list.
7. **Enter Password:** Enter the password for your host router's Wi-Fi network. You can choose to modify the extended Wi-Fi network name or keep the default (which usually appends "_EXT" to your original network name).
8. **Complete Setup:** Click "Next" or "Finish". The extender will apply the settings and restart. This may take up to 30 seconds.
9. **Reconnect:** After the extender restarts, go back to your device's Wi-Fi settings. You should now see your new extended network (e.g., "YourNetworkName_EXT"). Connect to this network using your original router's Wi-Fi password.

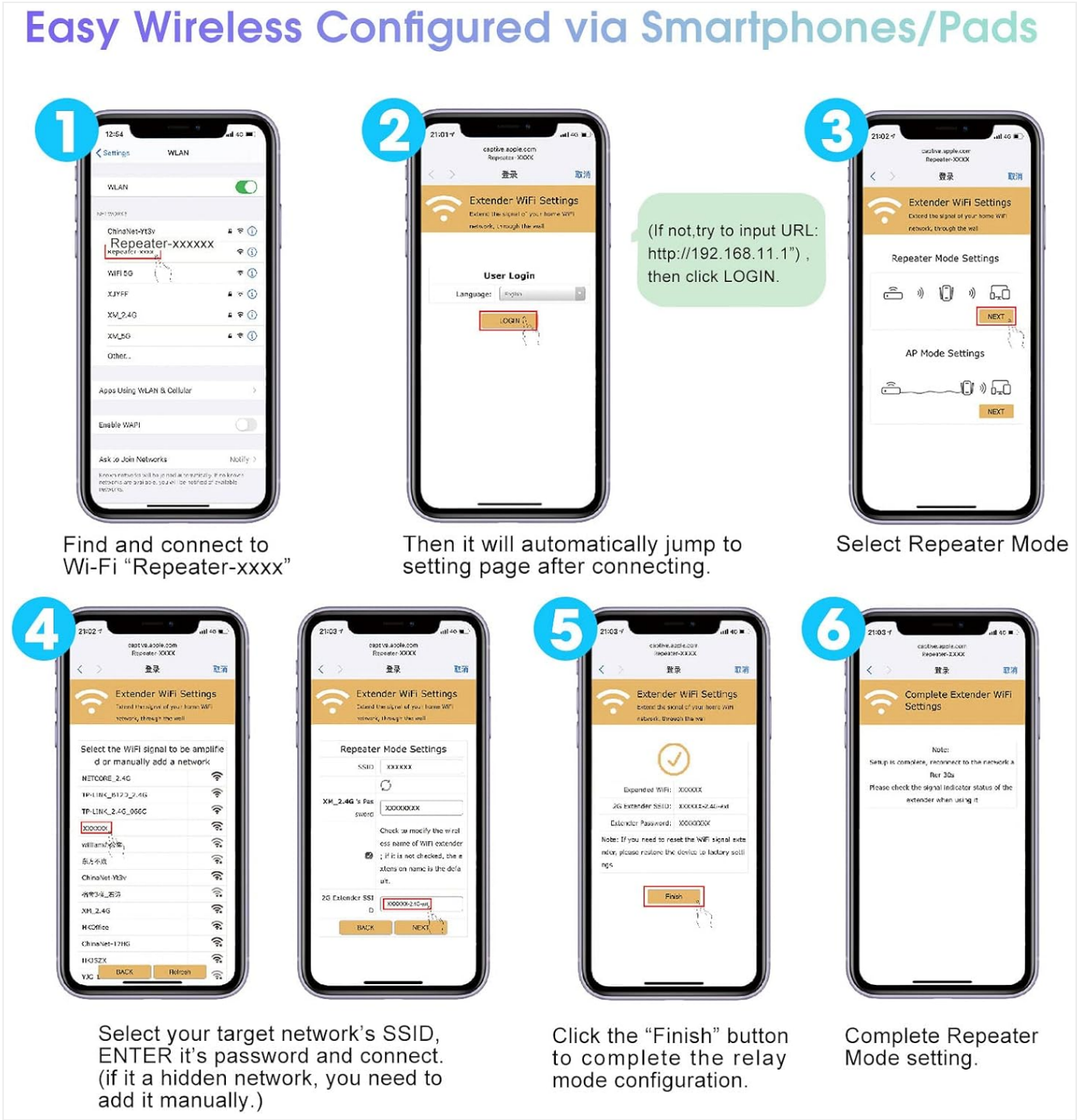


Figure 5: Step-by-step guide for wireless configuration via smartphone/tablet.

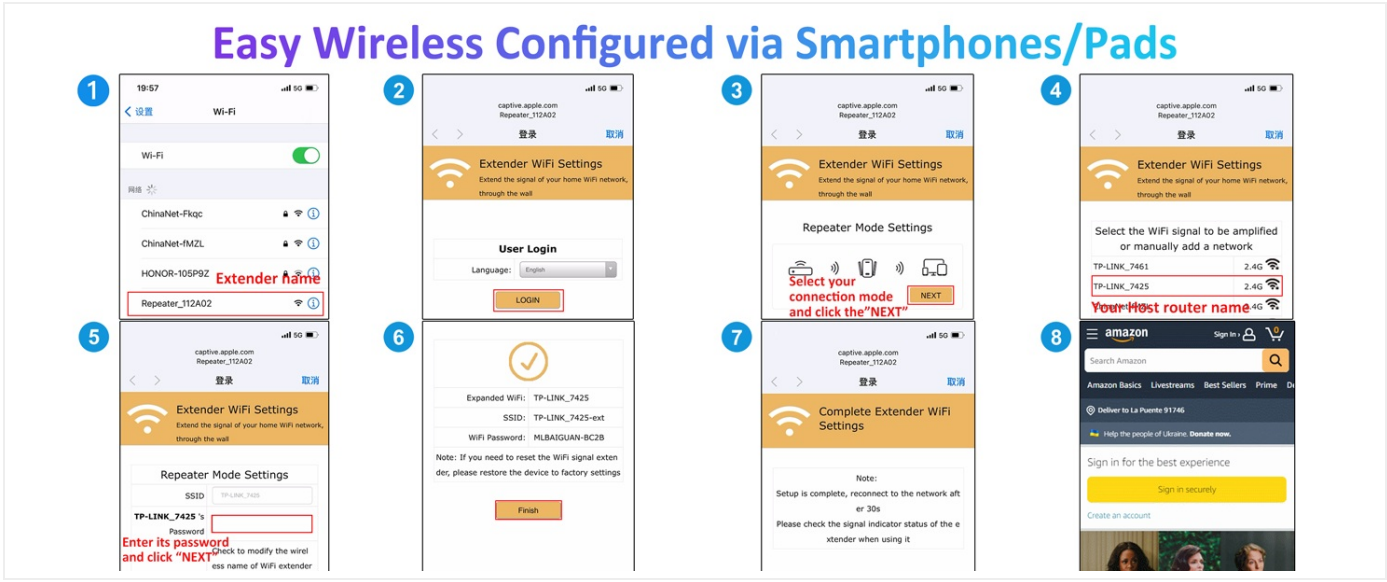


Figure 6: Detailed wireless configuration steps for advanced users.

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Video 1: Official Jancane WiFi Extender Setting Video. This video demonstrates the setup process for the WiFi Extender, including connecting to the extender's network, accessing the web interface, selecting repeater mode, entering router credentials, and verifying the extended network. It also covers optimal placement for the extender.

4. Operating Modes

The Jancane WiFi Extender supports two main operating modes:

- **Repeater Mode:** This is the primary mode for extending your existing Wi-Fi signal. The extender receives the wireless signal from your main router and re-broadcasts it, effectively increasing the coverage area. This is ideal for eliminating Wi-Fi dead zones.
- **AP (Access Point) Mode:** In AP mode, the extender connects to your router via an Ethernet cable and creates a new wireless network. This is useful for converting a wired network connection into a wireless one, providing Wi-Fi access in areas where only wired connections are available.

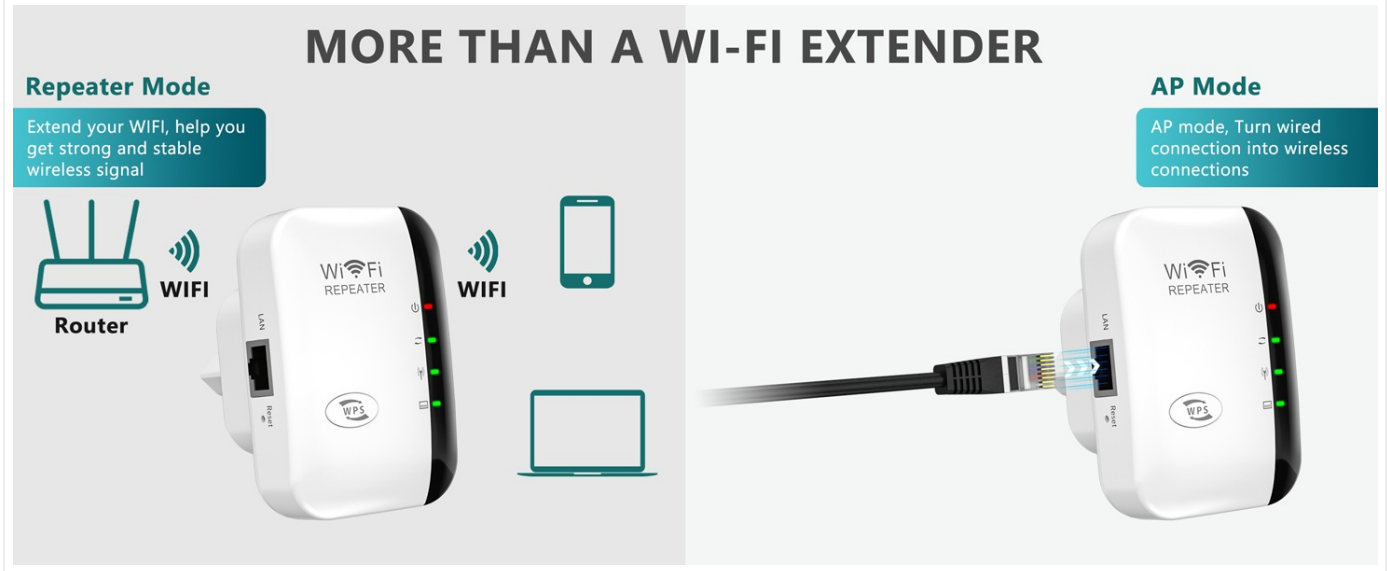


Figure 7: Comparison of Repeater Mode and AP Mode functionality.



Figure 8: Examples of the WiFi Extender's versatile use in different environments.

5. Optimal Placement

Proper placement of your WiFi Extender is crucial for optimal performance. The ideal location is halfway between your main router and the area where you need improved Wi-Fi coverage. Avoid placing it too close to the router (as it won't extend effectively) or too far (as it won't receive a strong enough signal to re-broadcast).

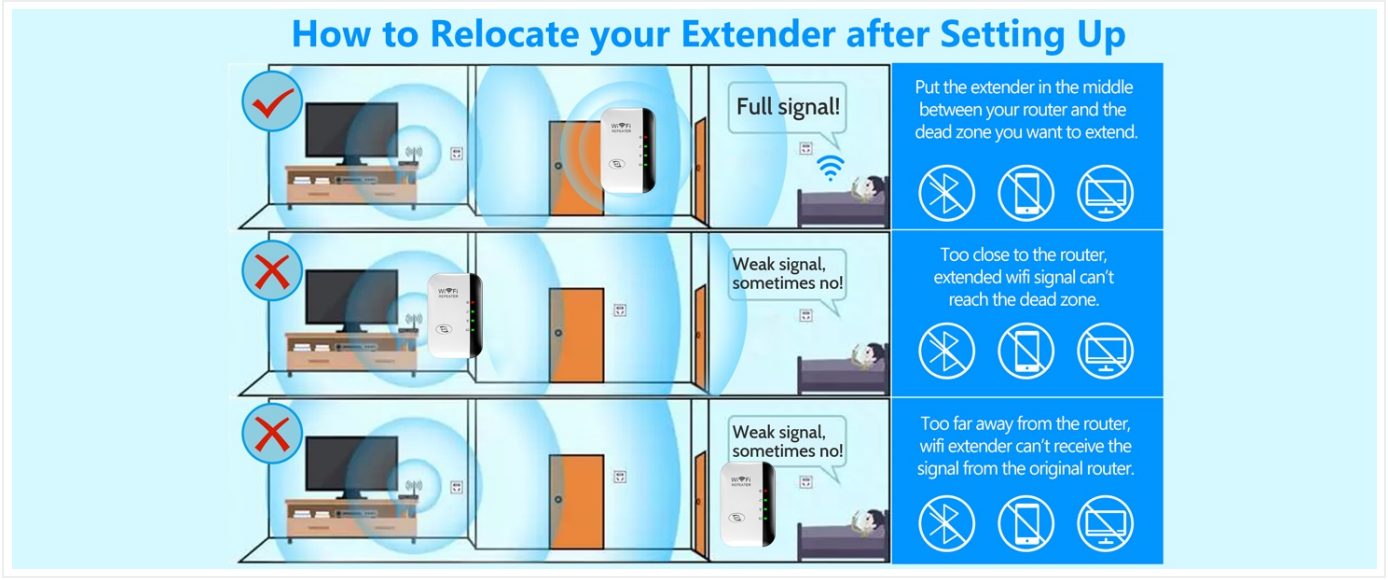


Figure 9: Guide on how to relocate your extender after setting up for best signal.



Figure 10: Demonstrating optimal signal selection in large spaces using the extender.

6. Troubleshooting

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

- **No Power/Indicators Off:** Ensure the extender is securely plugged into a working electrical outlet. Try a different outlet.
- **Cannot Connect to Extender's Wi-Fi (Repeater-xxxx):**
  - Make sure the extender is powered on and its Wireless LED is blinking.
  - Try resetting the extender to factory defaults by pressing and holding the Reset button (small hole) with a paperclip for about 5-10 seconds until all lights flash. Then, attempt the setup process again.
- **Extended Network Not Visible or No Internet Access:**
  - Verify that the extender is within the effective range of your main router. Relocate it closer if necessary (refer to Section 5).
  - Ensure you entered the correct password for your main router's Wi-Fi network during setup. A common mistake is entering the wrong password.
  - If using WPS, ensure both the extender's and router's WPS buttons were pressed within the 2-minute window.
  - Some routers may have specific settings that interfere with extenders. Consult your router's manual or manufacturer support.
  - If your router uses both 2.4 GHz and 5 GHz bands, ensure you selected the correct 2.4 GHz SSID during setup, as this model primarily supports 2.4 GHz for extension.
- **Frequent Disconnections or Slow Speed:**
  - The extender might be too far from the main router or experiencing interference. Try relocating it to a more central position.
  - Check for sources of interference such as microwaves, cordless phones, or other electronic devices.
  - Ensure your main router's firmware is up to date.
- **Cannot Access Web Management Page (192.168.11.1):**
  - Ensure your device is connected to the extender's default Wi-Fi network ("Repeater-xxxx") and not your main router's network.
  - Clear your browser's cache and cookies, or try a different web browser.
  - Temporarily disable any VPN or firewall software on your computer/smartphone.

7. Specifications

Feature	Detail
Brand	Jancane
Model Number	WF003
Wireless Communication Standard	802.11n
Data Transfer Rate	300 Megabits Per Second
Compatible Devices	Wi-Fi enabled devices
Frequency Bands Supported	2.4 GHz, 5 GHz

Feature	Detail
Item Weight	4.2 ounces
Package Dimensions	4.49 x 4.02 x 2.64 inches

8. Warranty and Support

For warranty information and technical support, please refer to the contact details provided with your product packaging or visit the official Jancane website. Keep your purchase receipt for warranty claims.

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