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WONLINK 1200Mbps Dual Band WiFi Extender

WONLINK 1200Mbps Dual Band WiFi Extender User Manual

Model: 1200Mbps Dual Band WiFi Extender

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your WONLINK 1200Mbps Dual Band WiFi Extender. This device is designed to expand your existing WiFi network coverage, eliminate dead zones, and provide stable, high-speed internet access throughout your home or office.

2. SAFETY INFORMATION

- Ensure the device is plugged into a standard electrical outlet with the correct voltage.
- Do not expose the device to water, moisture, or extreme temperatures.
- Avoid placing the device near heat sources or in direct sunlight.
- Do not attempt to open or repair the device yourself. Contact qualified personnel for service.
- Keep the device away from children and pets.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x WONLINK 1200Mbps WiFi Extender
- 1 x Operation Instructions (this manual)
- 1 x RJ-45 Network Cable

4. PRODUCT OVERVIEW

The WONLINK WiFi Extender features a compact design with four external antennas for enhanced signal coverage. It supports dual-band WiFi (2.4GHz and 5.8GHz) and includes an Ethernet port for wired connections.



Figure 4.1: Front view of the WONLINK WiFi Extender, showing LED indicators and WPS button.

SUPERIOR WIRED SPEED

WAN-LAN Ethernet Port Supports Both Network Output and Input

Reduce any signal interference to the full extent, a lot faster and stable in data transferring. Perfectly compatible with different devices.



Figure 4.2: Side view highlighting the WAN/LAN Ethernet port for wired connections.

LED Indicators:

- **Power LED:** Indicates power status.
- **WiFi LED:** Indicates WiFi activity.
- **Signal LED:** Displays the strength of the received router signal.

Buttons and Ports:

- **WPS/Reset Button:** Used for quick setup (WPS) or factory reset.
- **WAN/LAN Ethernet Port:** Supports both network output and input for wired devices.

5. SETUP AND INSTALLATION

The WONLINK WiFi Extender can be set up using two methods: WPS (Wi-Fi Protected Setup) or via a web browser.

5.1. WPS Setup (Recommended for quick setup)

1. Plug the WiFi Extender into an electrical outlet near your main router. Wait for the Power LED to light up.

2. Press the WPS button on your main router.
3. Within 2 minutes, press the WPS button on the WONLINK WiFi Extender. The Signal LED on the extender will blink during the connection process.
4. Once connected, the Signal LED will turn solid, indicating a successful connection.
5. Unplug the extender and relocate it to a suitable position between your router and the WiFi dead zone. Ensure the Signal LED indicates a good signal strength from your router.



Figure 5.1: Illustrates the WPS button on the extender and router for quick connection.

5.2. Web Browser Setup

1. Plug the WiFi Extender into an electrical outlet. Wait for the Power LED to light up.
2. On your computer or smartphone, connect to the extender's default WiFi network (e.g., "WONLINK-XXXX-2G" or "WONLINK-XXXX-5G"). No password is required initially.
3. Open a web browser and enter the default IP address **192.168.10.1** in the address bar.
4. Follow the on-screen instructions to log in (default username/password might be "admin/admin" or specified in the quick start guide).
5. Select "Repeater Mode" or "AP Mode" based on your requirements.
6. Scan for available WiFi networks and select your home network (SSID).

7. Enter your home WiFi network's password.
8. Confirm settings and restart the extender if prompted.
9. Once configured, the extender will broadcast new WiFi networks (e.g., "YourNetworkName-EXT" or similar). Connect your devices to these new networks.

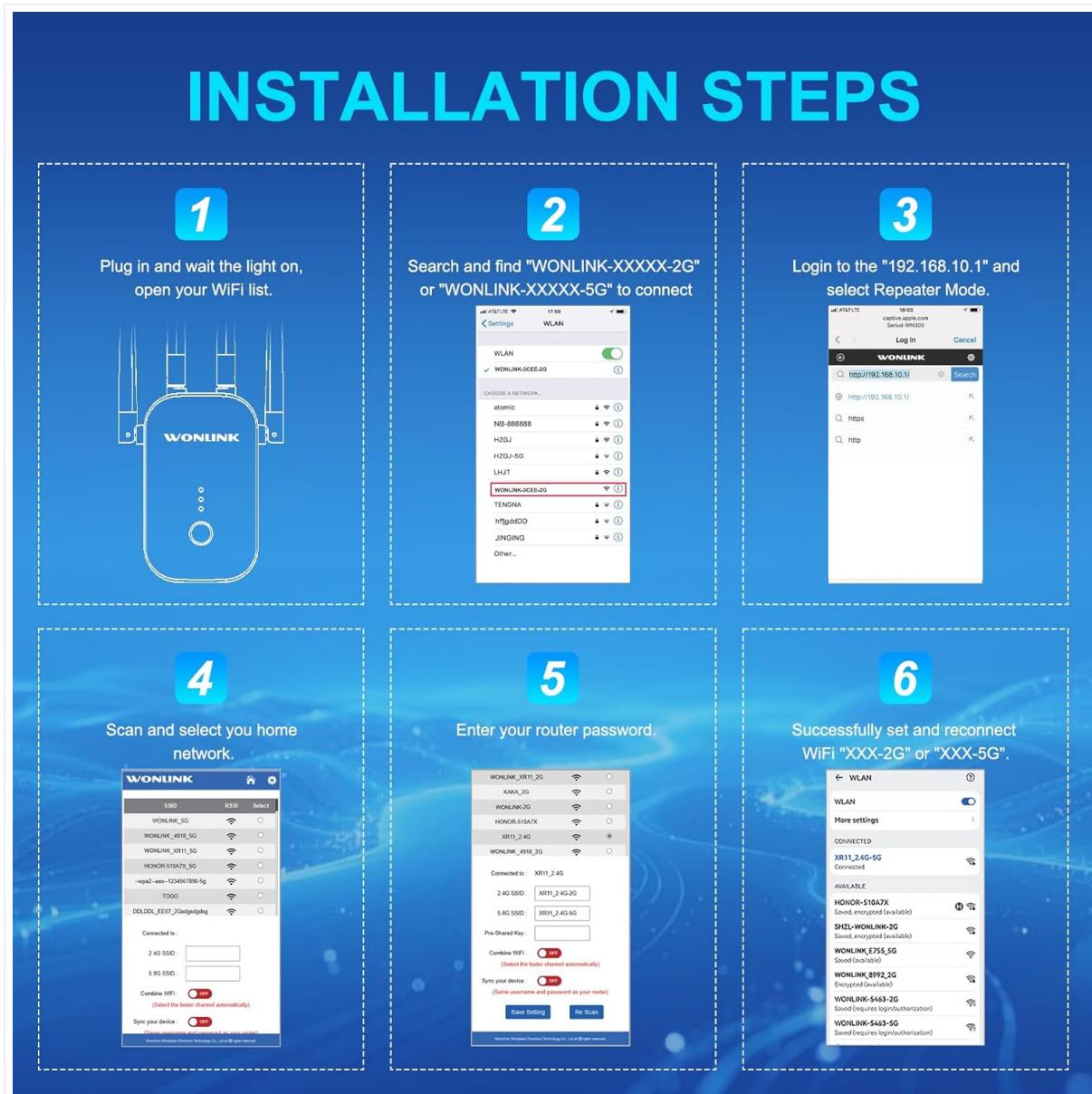


Figure 5.2: Step-by-step visual guide for web browser setup.

6. OPERATING MODES

The WONLINK WiFi Extender supports multiple operating modes to suit various networking needs:

- **Repeater Mode:** Extends the coverage of an existing wireless network. This is the most common mode for eliminating WiFi dead zones.
- **Access Point (AP) Mode:** Converts a wired network connection into a wireless access point. Ideal for creating a new WiFi network from an Ethernet source.
- **Router Mode:** Functions as a basic router, creating a private network from a modem connection.

3 MODE APPLICATION FOR YOUR NEEDS



Figure 6.1: Visual representation of Repeater, Router, and AP modes.

7. MAINTENANCE

- Regular Cleaning:** Gently wipe the device with a dry, soft cloth to remove dust. Do not use liquid cleaners.
- Firmware Updates:** Check the manufacturer's website periodically for firmware updates to ensure optimal performance and security.
- Optimal Placement:** Ensure the extender is placed in an open area, away from obstructions and other electronic devices that may cause interference.
- Restarting:** If you experience network issues, try restarting the extender by unplugging it for 10 seconds and then plugging it back in.

8. TROUBLESHOOTING

Q1: The extender is not powering on.

A: Ensure the power outlet is functional and the extender is securely plugged in. Try a different outlet.

Q2: Cannot connect to the extender's default WiFi network during setup.

A: Make sure the extender is powered on and you are within its range. If you have previously configured it, perform a factory reset by pressing and holding the WPS/Reset button for 5-8 seconds until the LEDs flash.

Q3: The extender is connected to the router, but there is no internet access.

A:

- Verify that your main router has internet access.
- Ensure the extender is receiving a strong signal from the router (check the Signal LED). Relocate the extender closer to the router if the signal is weak.
- Reconfigure the extender, ensuring you enter the correct password for your main WiFi network.

Q4: The extended WiFi network is slow or unstable.

A:

- Relocate the extender to an optimal position, ideally halfway between your router and the desired coverage area, where it can receive a strong signal from the router.
- Minimize interference by keeping the extender away from large metal objects, microwaves, cordless phones, and Bluetooth devices.
- Ensure your router's firmware is up to date.
- Consider using the 5GHz band for devices that support it, as it generally offers higher speeds and less interference, though with shorter range.

9. SPECIFICATIONS

Feature	Description
Brand	WONLINK
Wireless Communication Standard	802.11a/b/g/n/ac
Data Transfer Rate	1200 Megabits Per Second (Mbps)
Frequency Band Class	Dual-Band (2.4GHz & 5.8GHz)
Special Features	360 Degree Coverage, Access Point Mode, Repeater Mode, Router Mode
Ethernet Port	10/100Mbps RJ45 WAN/LAN Port
Antennas	4 External High-Gain Antennas
Security	WPA-PSK/WPA2-PSK/WPA/WPA2
Item Weight	7.4 ounces
Package Dimensions	8.15 x 3.86 x 3.03 inches

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official WONLINK website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Website: [Visit the WONLINK Store on Amazon](#)