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› Hyzom WiFi Extender/Repeater Instruction Manual

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Model: WiFi Extender/Repeater

1. INTRODUCTION

This manual provides detailed instructions for setting up, operating, and maintaining your Hyzom WiFi Extender/Repeater. This device is designed to extend the range of your existing wireless network, eliminating dead zones and improving signal strength throughout your home or office. Please read this manual carefully before using the product to ensure proper installation and optimal performance.

2. SAFETY INFORMATION

- Keep the device away from water, fire, high humidity, or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If service is required, contact customer support.
- Use only the power adapter provided or recommended by the manufacturer.
- Ensure proper ventilation around the device to prevent overheating.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Hyzom WiFi Extender/Repeater Unit
- Network Cable
- Instruction Manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your Hyzom WiFi Extender/Repeater.



Advanced Wi-Fi Chip

INDUSTRY LEADING GUARANTEE
Assign your devices to have the fastest connections for top performance

ADVANCED SECURITY FEATURES
Delivering a safe environment that protects your family and network's data and privacy

Figure 4.1: Front and side view of the Hyzom WiFi Extender, showing LED indicators, WPS button, and Ethernet ports.

- **LED Indicators:** Display the status of power, WiFi signal, and WPS connection.
- **WPS Button:** Used for quick setup with WPS-enabled routers.
- **Reset Button:** Restores the device to factory default settings (use a pin to press and hold for 5-8 seconds).
- **Ethernet Ports:** For wired connections to devices like PCs or gaming consoles.
- **Power Port:** Connects to the power adapter.

5. SETUP INSTRUCTIONS

There are two primary methods to set up your Hyzom WiFi Extender: using the WPS button or via a web browser.

5.1. WPS Setup (Recommended for quick setup)

1. **Power On:** Plug the Hyzom WiFi Extender into an electrical outlet near your main router. Wait for the Power

LED to turn solid.

2. **Press WPS on Router:** Within two minutes, press the WPS button on your main WiFi router. Refer to your router's manual for the exact location of its WPS button.
3. **Press WPS on Extender:** Immediately after pressing the WPS button on your router, press the WPS button on the Hyzom WiFi Extender.
4. **Wait for Connection:** The WiFi Extender's signal LED should blink and then turn solid, indicating a successful connection. This process may take a few moments.
5. **Relocate Extender:** Once connected, unplug the extender and move it to a location halfway between your router and the WiFi dead zone. Ensure the signal LED remains solid or strong after relocation.



Figure 5.1: Visual guide for WPS one-touch connection, illustrating pressing the WPS button on both the router and the extender.

5.2. Browser-Based Setup

1. **Power On:** Plug the Hyzom WiFi Extender into an electrical outlet near your main router. Wait for the Power LED to turn solid.
2. **Connect to Extender's Network:** On your computer or mobile device, connect to the WiFi network broadcast by the extender (e.g., "Hyzom_Extender" or similar, without a password).
3. **Access Setup Page:** Open a web browser and enter the default IP address or domain name (usually found on a sticker on the device or in a quick start guide) into the address bar. Follow the on-screen instructions to log in (default username/password is often "admin").
4. **Select Router Network:** The extender will scan for available WiFi networks. Select your main router's network from the list.
5. **Enter Password:** Enter the WiFi password for your main router's network.
6. **Configure Extender Network:** You may be prompted to create a new network name (SSID) for the extended network or use the same as your main router. It is recommended to use a different name (e.g., "YourNetworkName_EXT") to easily identify the extended network.
7. **Complete Setup:** Follow any remaining prompts to complete the setup. The extender will restart.
8. **Relocate Extender:** Once configured, unplug the extender and move it to a location halfway between your router and the WiFi dead zone. Ensure the signal LED indicates a strong connection after relocation.

6. OPERATING THE WiFi EXTENDER

After successful setup, the Hyzom WiFi Extender will automatically extend your wireless network. Devices within the

extended range can connect to the new network name (SSID) you configured during setup.

- **Optimal Placement:** For best performance, place the extender in a location where it receives a good signal from your main router and can effectively broadcast to the desired dead zones. Avoid placing it near large metal objects, microwaves, or other sources of interference.
- **Connecting Devices:** Connect your wireless devices (smartphones, tablets, laptops, smart TVs, gaming consoles) to the extended WiFi network using the password you set during configuration.
- **Wired Connections:** Use the Ethernet ports on the extender to connect wired devices for a stable internet connection.

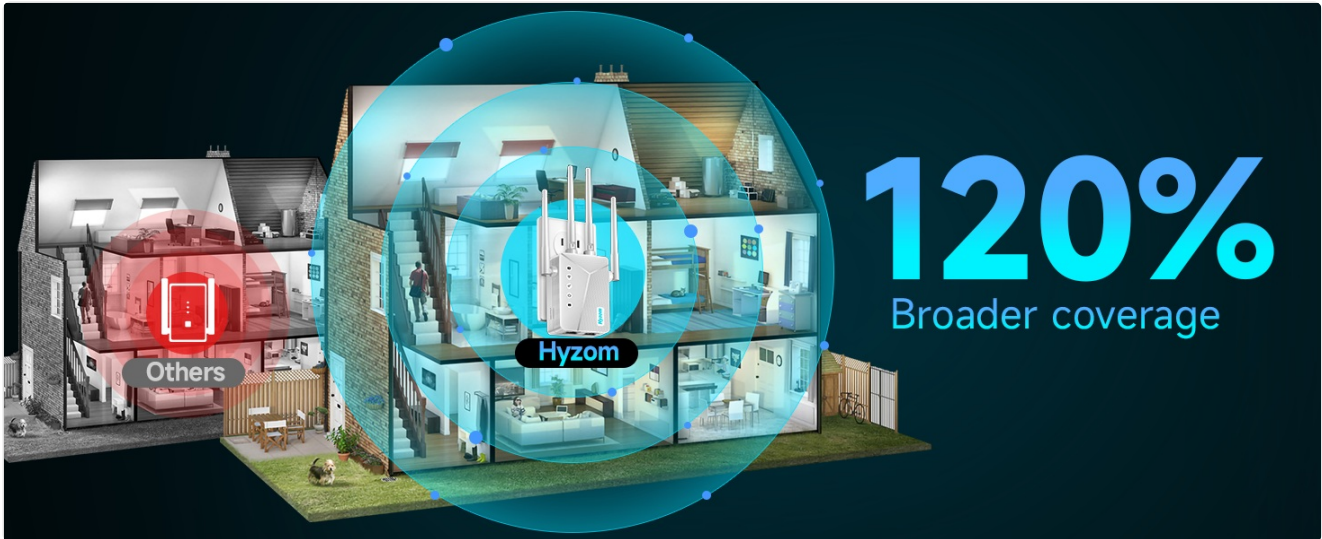


Figure 6.1: Illustration of the Hyzom WiFi Extender expanding network coverage throughout a multi-story home, eliminating dead zones.



Figure 6.2: The Hyzom WiFi Extender supports connection for over 65 devices, including smartphones, notebooks, IP cameras, speakers, tablets, and gaming consoles.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid or aerosol cleaners.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates to ensure optimal performance and security.
- **Restarting:** If you experience network issues, try restarting the extender by unplugging it from the power outlet for 10 seconds and then plugging it back in.

8. TROUBLESHOOTING

Q: The extender is not powering on.

A: Ensure the power adapter is securely plugged into both the extender and a working electrical outlet. Try a different outlet.

Q: I cannot connect to the extended network.

A: Verify that the extender is properly set up and connected to your main router (check the signal LED). Ensure you are connecting to the correct extended network name (SSID) and using the correct password. Try restarting both your router and the extender.

Q: The signal is weak or unstable after setup.

A: Relocate the extender to a position that is halfway between your router and the desired coverage area. Ensure there are no major obstructions (thick walls, metal objects) between the router, extender, and your devices.

Adjust the extender's antennas for optimal signal direction.



Figure 8.1: The Hyzom WiFi Extender features four high-performance, adjustable antennas for customized signal direction and improved penetration through walls.

Q: WPS setup failed.

A: Ensure your router supports WPS and that you are pressing the WPS buttons on both devices within the specified timeframe. If WPS continues to fail, try the browser-based setup method.

Q: I forgot the login password for the extender's web management page.

A: You can reset the extender to factory default settings by pressing and holding the Reset button for 5-8 seconds with a pin. After resetting, you will need to reconfigure the extender.

9. SPECIFICATIONS

Feature	Detail
Brand	Hyzom
Wireless Communication Standard	802.11a/b/g/n, 802.11a/b/g/n/ac
Data Transfer Rate	600 Megabytes Per Second
Frequency Band Class	Quad-Band

Special Features	1-Tap Setup, Long range coverage WiFi booster
Compatible Devices	Fire TV Stick, Roku, Router
Coverage Range	Up to 15,000 sq.ft
Item Weight	181 Grams
Item Dimensions (D x W x H)	6"D x 3"W x 1.4"H
Color	White

10. WARRANTY INFORMATION

The Hyzom WiFi Extender/Repeater comes with a **4-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or external factors.

Please retain your proof of purchase for warranty claims.

11. CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your Hyzom WiFi Extender/Repeater that are not addressed in this manual, please contact our customer support team.

For the most up-to-date support information, including FAQs and contact details, please visit the official Hyzom website or refer to your product packaging.

You can also visit the [Hyzom Store on Amazon](#) for additional product information and support resources.