

DBIT M-1200A5

DBIT AC1200 WiFi Range Extender (M-1200A5) User Manual

Model: M-1200A5

[Introduction](#) [Package Contents](#) [Product Overview](#) [Setup](#) [Operating](#)
[Modes](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty](#) [Support](#)

1. INTRODUCTION

This manual provides detailed instructions for the installation, configuration, and operation of your DBIT AC1200 WiFi Range Extender (Model M-1200A5). This device is designed to extend the coverage of your existing wireless network, providing a stronger and more reliable signal in areas with weak Wi-Fi.

The AC1200 features dual-band technology (2.4GHz and 5GHz) for high-speed data transfer and supports multiple operating modes to suit various networking needs.



Image: DBIT AC1200 WiFi Range Extender (M-1200A5) device.

2. PACKAGE CONTENTS

Verify that your package contains the following items:

- 1x DBIT AC1200 WiFi Range Extender (M-1200A5)
- 1x User Manual

3. PRODUCT OVERVIEW

The DBIT AC1200 WiFi Range Extender is a compact device designed for wall-plug installation. It features external antennas for enhanced signal transmission and reception, a WPS button for quick setup, and an Ethernet port for wired connections.

3.1 Physical Features

- **LED Indicator:** Displays the status of the extender (e.g., power, Wi-Fi signal strength).
- **WPS Button:** Used for quick, secure connection to your router.
- **Reset Button:** Recessed button to restore factory default settings.
- **WAN/LAN Ethernet Port:** Allows for wired connection to a router or a wired device.

- **External Antennas:** Four high-gain antennas to boost wireless coverage.



Image: Views of the DBIT AC1200 Extender showing its wall plug design, WPS button, and Ethernet port.

4. SETUP INSTRUCTIONS

There are two primary methods to set up your DBIT AC1200 WiFi Range Extender: using the WPS button or via a web browser.

4.1 WPS (Wi-Fi Protected Setup) Method

1. **Power On:** Plug the extender into an electrical outlet near your main router. Wait for the LED indicator to light up.
2. **Press Router WPS:** Press the WPS button on your main Wi-Fi router. Refer to your router's manual for the exact location of its WPS button.
3. **Press Extender WPS:** Within two minutes, press the WPS button on the DBIT AC1200 extender. The LED indicator on the extender should start blinking.
4. **Connection Confirmation:** Wait for the LED indicator on the extender to turn solid, indicating a successful connection. This may take a few moments.
5. **Relocate Extender:** Once connected, unplug the extender and move it to a location between your router and the Wi-Fi dead zone. Ensure the LED indicator shows a good signal strength after relocation.

Secure One-Touch Connection for Easy Setup

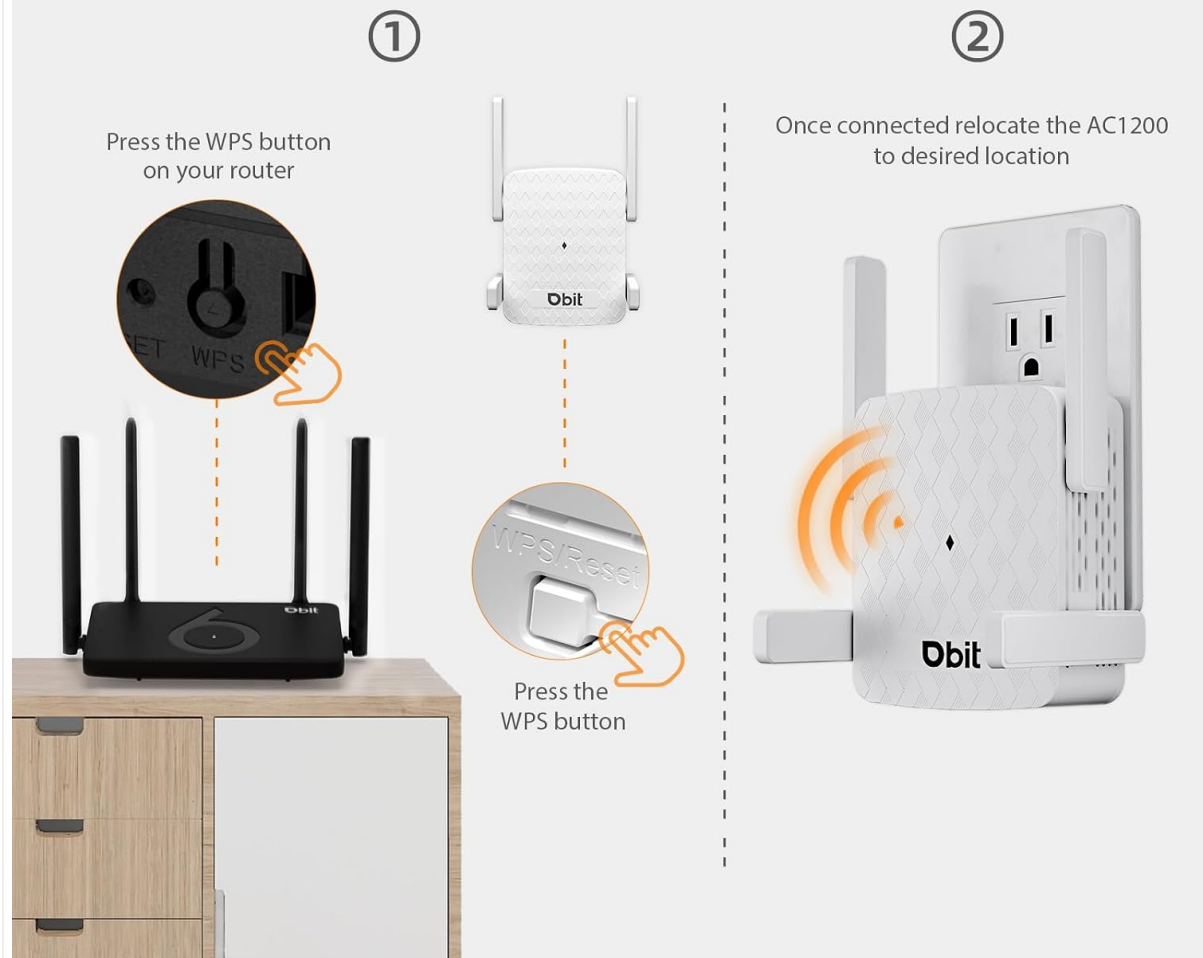


Image: Visual guide for WPS setup, showing pressing WPS on router and then on the extender.

4.2 Web Browser Method

1. **Power On:** Plug the extender into an electrical outlet.
2. **Connect to Extender:** On your computer or smartphone, connect to the extender's default Wi-Fi network (e.g., "DBIT_EXT" or similar, check the label on the device). No password is required for the initial connection.
3. **Access Setup Page:** Open a web browser and enter the default setup address (e.g., <http://zrlogin.cn> or <http://192.168.10.1>).
4. **Login:** Enter the default username and password (usually "admin" for both, or as specified in the manual).
5. **Select Mode:** Choose your desired operating mode (Repeater Mode or Access Point Mode).
6. **Configure Network:**
 - **For Repeater Mode:** Select your main Wi-Fi network from the list, enter its password, and optionally set a new SSID for the extended network.
 - **For Access Point Mode:** If using an Ethernet cable, configure the Wi-Fi settings for the new access point.
7. **Apply Settings:** Save the settings and wait for the extender to restart.
8. **Connect to Extended Network:** Connect your devices to the newly configured extended Wi-Fi network.

Easy Wireless Configured via Smartphones/Pads

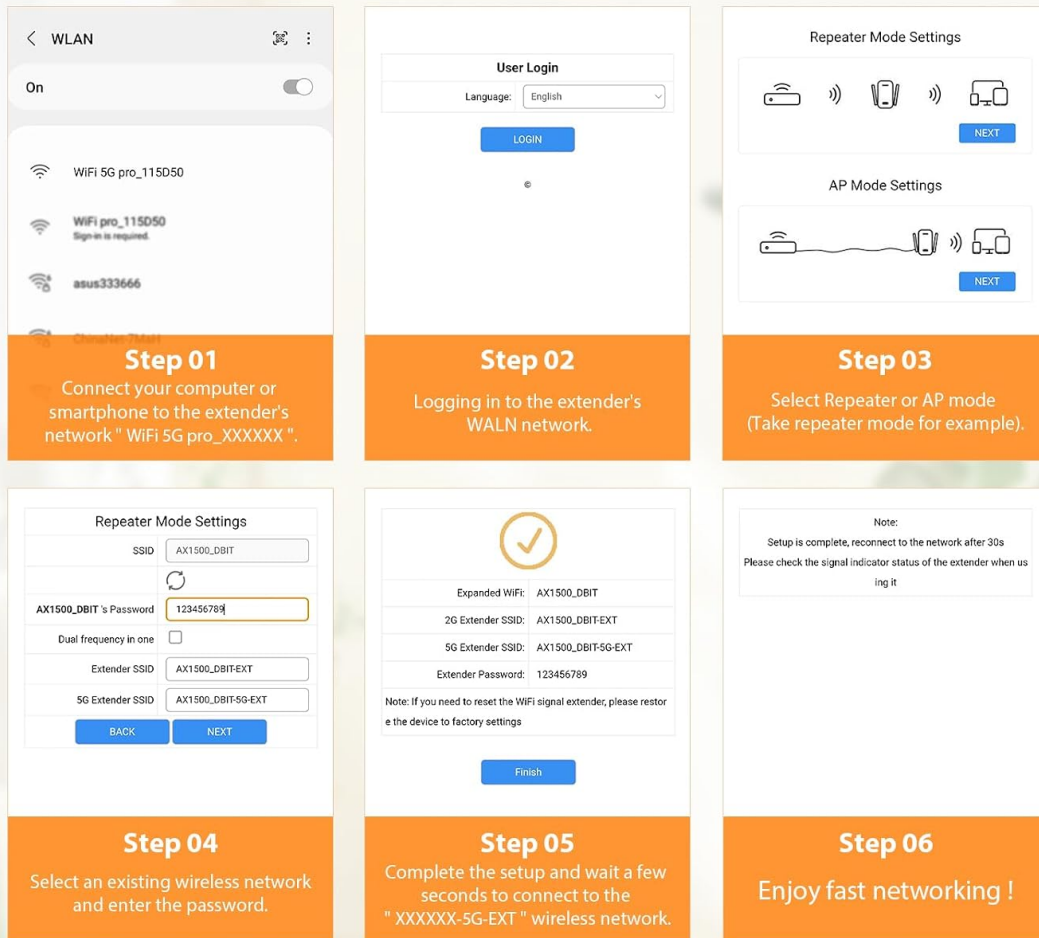


Image: Step-by-step guide for web browser setup using a smartphone interface.

5. OPERATING MODES

The DBIT AC1200 WiFi Range Extender supports multiple operating modes to adapt to your network requirements.

5.1 Repeater Mode

In Repeater Mode, the extender wirelessly connects to your existing router's Wi-Fi network and re-broadcasts it, extending the coverage area. This is ideal for eliminating Wi-Fi dead zones in your home or office.



Image: Diagram illustrating the extender in Repeater Mode, expanding Wi-Fi coverage from a router.

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 converting a wired network connection into a wireless one, or for creating a separate Wi-Fi network.



Image: Icon representing the Access Point (AP) mode functionality.

3 Working Modes

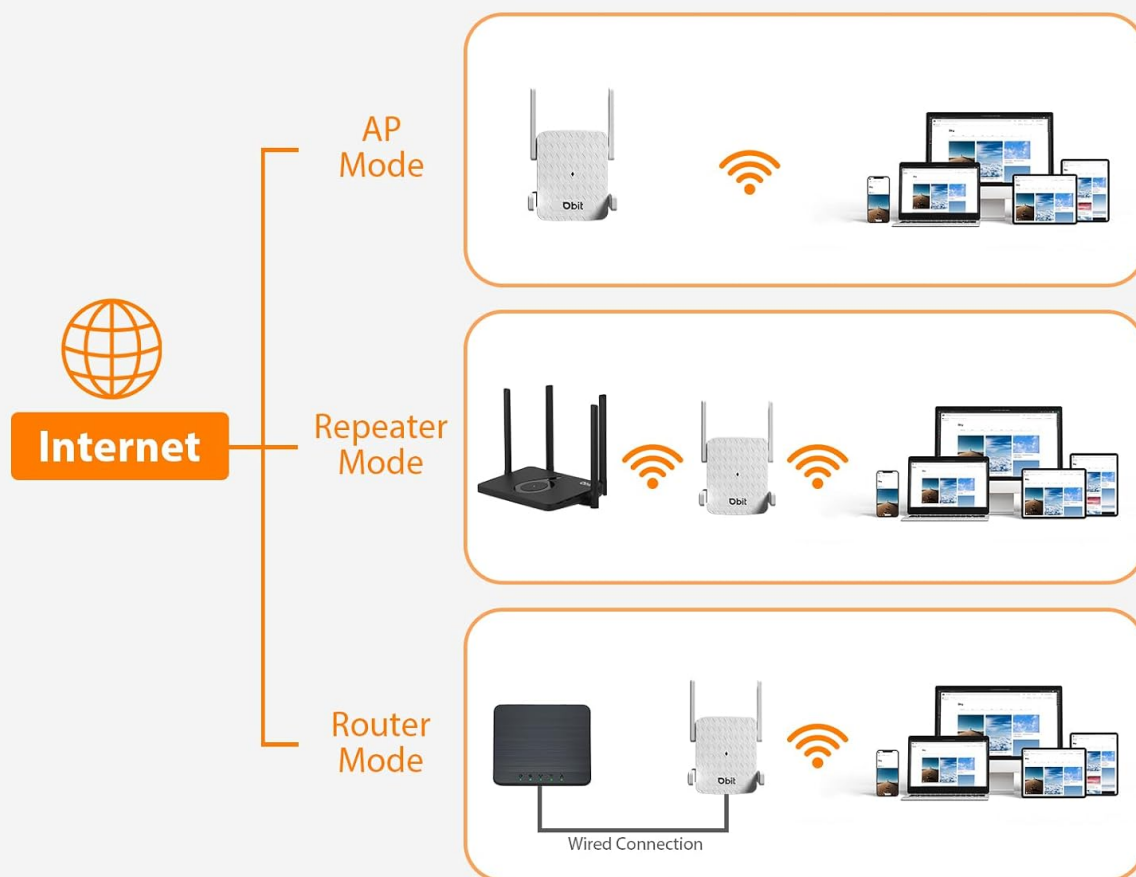


Image: Diagram illustrating Repeater, AP, and Router modes.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your WiFi range extender.

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- **Placement:** Place the extender in a well-ventilated area, away from direct sunlight, heat sources, and moisture. Avoid placing it near large metal objects or electrical appliances that may cause interference.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates to ensure the best performance and security.
- **Resetting:** If the device malfunctions, try performing a factory reset using the recessed reset button. This will revert all settings to their default values.

7. TROUBLESHOOTING

If you encounter issues with your DBIT AC1200 WiFi Range Extender, refer to the following common problems and solutions:

Problem	Solution
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Problem	Solution
No Internet Connection after Setup	• Ensure the password for your main router's Wi-Fi network was entered correctly during setup. • Verify that your main router has an active internet connection. • Try relocating the extender closer to your main router to improve signal strength. • Perform a factory reset on the extender and repeat the setup process.
Weak Signal or Frequent Disconnections	• Relocate the extender to a position halfway between your router and the desired coverage area. • Ensure there are no major obstructions (e.g., thick walls, metal objects) between the extender and your devices. • Check for sources of interference (e.g., microwaves, cordless phones). • Restart both your router and the extender.
WPS Setup Fails	• Ensure you press the WPS button on the router and then on the extender within the specified time frame (usually 2 minutes). • Some routers may require WPS to be enabled in their settings. • If WPS continues to fail, use the web browser setup method.
Cannot Access Web Management Page	• Ensure your device is connected to the extender's Wi-Fi network (e.g., "DBIT_EXT"). • Verify the correct IP address or domain name (e.g., http://zrlogin.cn or http://192.168.10.1) is entered in the browser. • Clear your browser's cache and cookies, or try a different browser. • Temporarily disable any VPN or firewall software.

8. SPECIFICATIONS

Feature	Detail
Brand	DBIT
Model	M-1200A5
Wireless Communication Standard	802.11a/b/g/n/ac
Data Transfer Rate	Up to 1200 Mbps (2.4GHz: 300Mbps / 5GHz: 867Mbps)
Frequency Band Class	Dual-Band (2.4GHz, 5GHz)
Special Features	1-Tap Setup (WPS), Access Point Mode
Connector Type	RJ45 (WAN/LAN Ethernet Port)
Coverage Range	Up to 2000 sq.ft. (Note: Actual coverage may vary)

Feature	Detail
Max Connected Devices	Up to 30 devices
Color	White
Item Weight	118 Grams

Dual Band High Speed WiFi

Connects with your router for a more stable and broader network.



300 2.4G Mbps

867 5G Mbps

UP TO
1200
Mbps SPEED



- Phone
- Pad
- Laptop
- PC / TV
- Monitor
- VR

Image: Visual representation of the dual-band high-speed Wi-Fi capabilities of the extender.

4* High-gain External Antennas

External antennas boost your wireless coverage and reliability, helping your devices stay connected anywhere your network reaches.



Image: Illustration highlighting the four high-gain external antennas for improved coverage.

9. WARRANTY INFORMATION

The DBIT AC1200 WiFi Range Extender (M-1200A5) comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and material faults under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters.

10. TECHNICAL SUPPORT

For technical assistance, troubleshooting, or further inquiries regarding your DBIT AC1200 WiFi Range Extender, please refer to the official DBIT support channels. You can typically find support contact information or FAQs on the manufacturer's website.

Before contacting support, please ensure you have reviewed this manual and attempted the troubleshooting steps provided.

