

Aigital AC1200

Aigital AC1200 Dual Band WiFi Range Extender

Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for setting up and operating your Aigital AC1200 Dual Band WiFi Range Extender. This device is designed to extend the coverage of your existing wireless network, eliminate Wi-Fi dead zones, and improve signal strength for a more stable internet connection throughout your home or office.

The Aigital AC1200 supports both 2.4GHz and 5GHz bands, offering versatile connectivity options and high-speed data transfer for various applications, from general browsing to HD video streaming and online gaming.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Aigital AC1200 Dual Band WiFi Range Extender
- Ethernet Cable
- Instruction Manual



Image: Contents of the Aigital AC1200 WiFi Range Extender package, showing the extender unit, an Ethernet cable, and the instruction manual.

3. PRODUCT OVERVIEW

The Aigital AC1200 WiFi Range Extender features four external antennas for enhanced signal coverage and stability. It includes LED indicators for power, 2.4GHz, 5GHz, and LAN activity, providing visual feedback on the device's status.



Image: Front view of the Aigital AC1200 Dual Band WiFi Repeater, highlighting its four antennas and LED indicators for LAN, 5G, 2.4G, and Power.

Key Features:

- **Dual Band Support:** Operates on both 2.4GHz (up to 300Mbps) and 5GHz (up to 867Mbps) frequencies.
- **Multiple Operating Modes:** Supports Repeater, AP, and Router modes.
- **Ethernet Ports:** Equipped with LAN ports for wired connections.
- **Wide Compatibility:** Compatible with various devices including smartphones, laptops, smart TVs, and gaming consoles.

Universal Compatibility



Image: Universal Compatibility diagram, illustrating the Aigital WiFi extender's ability to connect to a wide range of devices such as laptops, smartphones, smart TVs, and smart home devices.

4. SETUP AND INSTALLATION

Follow these steps to set up your Aigital AC1200 WiFi Range Extender.

Initial Placement:

Plug the extender into a power outlet in a location that is midway between your router and the area with poor Wi-Fi signal. Ensure it is within the range of your existing router's Wi-Fi signal.

Eliminate WiFi Dead Zones



Image: Illustration demonstrating how the Aigital WiFi extender eliminates dead zones by extending coverage to different areas of a house, including bedrooms, living rooms, kitchens, and gardens.

Configuration Steps:

1. **Power On:** Plug the extender into an electrical outlet. Wait for the Power LED to turn solid green.
2. **Connect to Extender:** On your computer or smartphone, connect to the Wi-Fi network named 'Aigital_Extender' (or similar, check the label on your device). No password is required for the initial connection.
3. **Access Setup Page:** Open a web browser and enter 192.168.10.1 or aigital.com in the address bar.
4. **Login:** Enter the default username and password (usually 'admin' for both, check the device label or manual for specifics).
5. **Select Operating Mode:** Choose your desired operating mode (Repeater, AP, or Router). Detailed instructions for each mode are provided in Section 5.
6. **Follow On-Screen Prompts:** Complete the configuration based on the selected mode. This typically involves selecting your existing Wi-Fi network and entering its password for Repeater mode, or setting up a new network for AP/Router mode.
7. **Reboot:** The extender will reboot after configuration.
8. **Connect to Extended Network:** Once rebooted, connect your devices to the new extended Wi-Fi network (e.g., 'YourNetworkName_EXT' for Repeater mode).

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Video: An official video demonstrating how the WiFi Extender helps eliminate WiFi dead zones and improve coverage.

5. OPERATING MODES

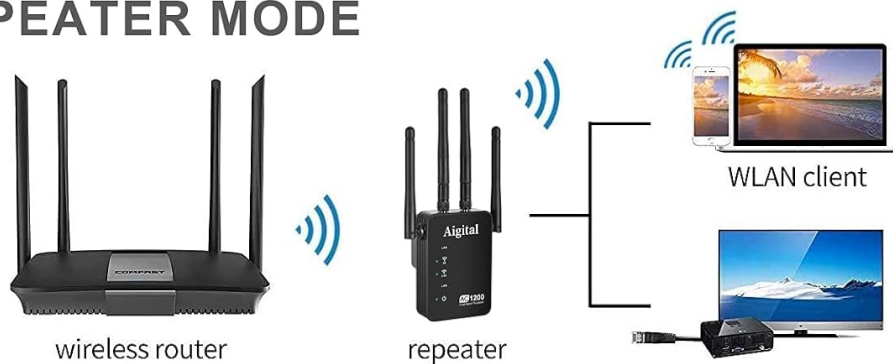
The Aigital AC1200 supports three primary operating modes:

3-in-1 Working Mode

AP MODE



REPEATER MODE



ROUTER MODE



Image: Overview of the 3-in-1 Working Modes: AP Mode, Repeater Mode, and Router Mode, with diagrams showing the connection types for each.

5.1. Repeater Mode (Range Extender)

In Repeater Mode, the device extends the coverage of an existing wireless network. It connects to your main router wirelessly and rebroadcasts the signal, effectively expanding your Wi-Fi range.



Image: Diagram illustrating Repeater Mode, where the extender receives a wireless signal from the main router and retransmits it to client devices.

5.2. AP Mode (Access Point)

In AP Mode, the device transforms a wired network connection into a wireless one. Connect the extender to your router via an Ethernet cable, and it will create a new Wi-Fi hotspot.



Image: Diagram illustrating AP Mode, where the extender is connected to a modem or router via an Ethernet cable to provide a wireless access point.

5.3. Router Mode

In Router Mode, the device acts as a primary router, creating a new private network. Connect it to a modem via an Ethernet cable to share internet access with multiple devices.



Image: Diagram illustrating Router Mode, where the extender functions as a router, connecting to a modem and distributing internet to connected devices.

6. MAINTENANCE

To ensure optimal performance and longevity of your Aigital AC1200 WiFi Range Extender, consider the following maintenance tips:

- **Optimal Placement:** Place the extender in an open area, away from obstructions like thick walls, metal objects, and large electrical appliances that can interfere with Wi-Fi signals.
- **Keep Cool:** Ensure adequate ventilation around the device to prevent overheating. Avoid placing it in enclosed spaces.
- **Cleaning:** Gently wipe the device with a soft, dry cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates. Updating the firmware can improve performance, add new features, and enhance security.
- **Power Cycle:** If you experience connectivity issues, try power cycling the extender (unplug it, wait 10 seconds, then plug it back in).

7. TROUBLESHOOTING

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

Problem	Solution
No Power / Power LED Off	Ensure the extender is securely plugged into a working electrical outlet. Try a different outlet.
Cannot Access Setup Page (192.168.10.1)	Verify your device is connected to the extender's Wi-Fi network (e.g., 'Aigital_Extender'). Clear your browser's cache or try a different browser. Ensure no VPN is active.
Weak or Unstable Extended Signal	Relocate the extender closer to your main router. Ensure there are no major obstructions. Adjust the antennas for better reception.
Extended Network Not Visible	Check if the extender is powered on and configured correctly. Reboot the extender and your main router.

Problem	Solution
Incorrect Password for Extended Network	Ensure you are entering the correct password for your main Wi-Fi network during Repeater mode setup. If you set a new password for the extended network, use that.
Internet Access Issues	Verify your main router has internet access. Reconfigure the extender to ensure it's properly connected to the main network.
Forgot Login Password for Setup Page	Perform a factory reset. Locate the reset button (usually a small pinhole) on the extender, press and hold it for 5-10 seconds until the LEDs flash. The device will revert to factory defaults.

8. SPECIFICATIONS

Feature	Detail
Brand	Aigital
Model	AC1200
Frequency Band Class	Dual-Band (2.4GHz & 5GHz)
2.4GHz Speed	Up to 300 Mbps
5GHz Speed	Up to 867 Mbps
Total Wireless Speed	Up to 1200 Mbps
Antennas	4 External Antennas
Operating Modes	Repeater, AP, Router
Ethernet Ports	RJ45 (LAN)
Coverage Range	Up to 1500 Square Feet (approximate)
Compatible Devices	Router, Modem, various Wi-Fi enabled devices

9. WARRANTY INFORMATION

Aigital products are typically covered by a limited warranty from the date of purchase. This warranty generally covers defects in materials and workmanship under normal use. Please refer to the warranty card included in your package or visit the official Aigital website for specific terms, conditions, and duration of your product's warranty.

Keep your purchase receipt as proof of purchase for any warranty claims.

10. SUPPORT

For further assistance, technical support, or inquiries regarding your Aigital AC1200 Dual Band WiFi Range Extender, please refer to the following resources:

- **Online Support:** Visit the official Aigital website for FAQs, troubleshooting guides, and firmware

downloads.

- **Customer Service:** Contact Aigital customer support via the contact information provided on their official website or your product packaging.