HUAWEI 53038507

HUAWEI AX3 AX3000 (WS7100) Dual Band Wi-Fi Router User Manual

Model: WS7100 (53038507)

1. Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your HUAWEI AX3 AX3000 Dual Band Wi-Fi Router. Designed for high-speed wireless connectivity and extended coverage, this Wi-Fi 6 (802.11ax) mesh router is ideal for large homes or offices, offering speeds up to 3000 Mbps.

2. Safety Information

Please read the following safety precautions carefully before using the device to ensure proper and safe operation.

- Do not expose the device to extreme temperatures, direct sunlight, or dusty environments.
- Use only the power adapter provided with the device.
- Keep the device away from water and moisture.
- Do not attempt to disassemble or repair the device yourself. Contact authorized service personnel for assistance.
- Ensure proper ventilation around the device to prevent overheating.

3. Package Contents

Verify that all items are present in your package:

- HUAWEI AX3 AX3000 Dual Band Wi-Fi Router (WS7100)
- Power Adapter
- Ethernet Cable
- Quick Start Guide
- Warranty Card

4. Product Overview

Familiarize yourself with the components of your HUAWEI AX3 AX3000 router.



Figure 4.1: Front view of the HUAWEI AX3 AX3000 Router. This image shows the sleek white design of the router with its four external antennas folded upwards, and the HUAWEI logo visible on the front surface.

4.1. Indicators and Ports

- **Status Indicator:** Located on the front, indicates network status (e.g., solid blue for normal operation, red for no internet).
- **Power Port:** Connects to the power adapter.
- **WAN Port:** Connects to your modem or internet service provider's network.
- **LAN Ports (3x):** Connect to wired devices such as computers, gaming consoles, or smart TVs.
- **Reset Button:** Used to restore factory settings (press and hold for 10 seconds).
- **H Button:** For one-key pairing with other Huawei devices or WPS compatible devices.

5. Setup

Follow these steps for the initial setup of your HUAWEI AX3 AX3000 router.

1. **Connect the Hardware:**

- Connect the power adapter to the router's power port and plug it into a power outlet.
- Connect one end of the Ethernet cable to your modem's LAN port and the other end to the router's WAN port.
- (Optional) Connect your computer to one of the router's LAN ports using an Ethernet cable, or connect wirelessly.

2. **Power On:** Wait for the router to power on. The status indicator will turn red, then blue once connected to the internet.
3. **Initial Configuration (via Web Interface):**
    - On your computer or mobile device, connect to the router's default Wi-Fi network (usually "HUAWEI-XXXX" or similar, found on the label at the bottom of the router).
    - Open a web browser and enter192.168.3.1 in the address bar.
    - Follow the on-screen instructions to set up your Wi-Fi name (SSID) and password, and an administrator password for the router.
    - The router will automatically detect your internet connection type.
4. **Initial Configuration (via HUAWEI AI Life App):**
    - Download the HUAWEI AI Life app from your device's app store.
    - Open the app and follow the prompts to add your new router. The app will guide you through the setup process, including setting up Wi-Fi and administrator passwords.

6. Operating Instructions

Learn how to utilize the key features of your HUAWEI AX3 AX3000 router.

6.1. Connecting Devices

- **Wi-Fi Connection:** Search for your Wi-Fi network name (SSID) on your device and enter the password you set during setup.
- **Wired Connection:** Connect devices directly to the LAN ports using Ethernet cables.

6.2. Parental Control

Manage internet access for family members, especially minors.

1. Access the router's web management page (192.168.3.1) or the HUAWEI AI Life app.
2. Navigate to the "Parental Control" or "Device Management" section.
3. You can set time limits for internet access and restrict access to specific websites for connected devices.

6.3. Guest Wi-Fi

Provide temporary internet access to guests without compromising your main network security.

1. Access the router's web management page (192.168.3.1) or the HUAWEI AI Life app.
2. Find the "Guest Wi-Fi" section.
3. Enable Guest Wi-Fi, set a separate network name and password, and configure access duration if desired. Guests will have internet access but cannot manage the router or access other devices on your home network.

6.4. H Button (One-Key Pairing)

The H button allows for quick pairing with other Huawei devices or WPS-compatible devices.

- Press the H button on the router and then on the compatible device within two minutes to establish a connection without entering a password.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your router.

- **Firmware Updates:** Regularly check for and install firmware updates via the HUAWEI AI Life app or the web management page to ensure the latest features and security patches.
- **Cleaning:** Gently wipe the router with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Placement:** Place the router in a central location, away from obstructions, large metal objects, and other electronic devices that may cause interference.
- **Restarting:** If you experience slow speeds or connectivity issues, try restarting the router by unplugging it from the power outlet for 10 seconds and then plugging it back in.

8. Troubleshooting

Common issues and their solutions.

Problem	Possible Cause	Solution
No Internet Access	WAN cable disconnected, modem issue, incorrect settings.	Check WAN cable connection. Restart modem and router. Verify internet settings in router's web interface.
Slow Wi-Fi Speed	Interference, too many connected devices, router placement.	Move router to a central location. Reduce interference from other electronics. Limit number of active devices. Consider using 5 GHz band for faster speeds.
Cannot Connect to Wi-Fi	Incorrect password, Wi-Fi disabled, device compatibility.	Double-check Wi-Fi password. Ensure Wi-Fi is enabled in router settings. Try restarting your device and the router.
Router Status Indicator is Red	No internet connection.	Check the connection between the router's WAN port and your modem. Ensure your modem is working correctly and has an internet connection.

9. Specifications

Detailed technical specifications for the HUAWEI AX3 AX3000 Router.

Feature	Description
Model Name	WS7100 (53038507)
Wireless Standard	802.11ax (Wi-Fi 6)
Frequency Band	Dual-Band (2.4 GHz and 5 GHz)

Feature	Description
Max. Theoretical Speed	Up to 3000 Mbps (574 Mbps on 2.4 GHz, 2402 Mbps on 5 GHz)
Antennas	External High Gain Antennas
Ports	1 WAN, 3 LAN (Gigabit Ethernet)
Dimensions (L x W x H)	22.5 x 15.9 x 3.9 cm
Weight	387 g
Power Input	12 Volts (DC)
Special Features	Access Point Mode, Parental Control, Guest Wi-Fi, H Button (WPS)

10. Warranty and Support

For warranty information and technical support, please refer to the following:

- **Warranty:** Your HUAWEI AX3 AX3000 Router comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions.
- **Technical Support:** For technical assistance, troubleshooting, or service inquiries, please visit the official HUAWEI support website or contact their customer service hotline.
- **Online Resources:** Additional resources, FAQs, and updated drivers may be available on the HUAWEI official website.

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Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question