**Aitour Ever JW-WR758AC**

# Aitour Ever 1200Mbps Dual Band WiFi Range Extender Signal Booster

Model: JW-WR758AC

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Aitour Ever 1200Mbps Dual Band WiFi Range Extender Signal Booster. Please read this manual thoroughly before using the device to ensure proper setup and optimal performance.

## 2. PRODUCT OVERVIEW

The Aitour Ever WiFi Range Extender is designed to expand the coverage of your existing wireless network, eliminating Wi-Fi dead zones and providing a stronger, more reliable signal throughout your home or office. It supports dual-band operation (2.4GHz and 5GHz) for high-speed data transfer and is compatible with various wireless devices.

Image 2.1: Front view of the Aitour Ever WiFi Range Extender with four antennas and indicator lights.

Image 2.2: Detailed view of the extender highlighting ventilation, smart indicator light, WPS/RESET button, and Ethernet port.

## 3. KEY FEATURES

- **Stable WiFi Signal Extension:** Equipped with 4 high-gain external antennas, extending coverage up to 3000-5000 square feet and enhancing signal penetration through walls.

- **1200Mbps Dual Band Wireless:** Supports both 2.4GHz (up to 300Mbps) and 5GHz (up to 867Mbps) bands for high-speed, stable internet access with reduced interference.

- **Secure Heat Dissipation Design:** Features ABS heat-resistant material and ventilation holes on both sides to ensure stable operation and prevent overheating.

- **Simple Setup and Automatic Memory:** Easy three-step setup process via mobile device or computer. Settings are automatically saved, allowing the device to be moved without re-configuration.

- **Intelligent Signal Indicator:** Provides visual feedback on signal strength, helping users find the optimal placement for the extender.

- **Multiple Operating Modes:** Supports Repeater, Access Point (AP), and Router modes to suit various network requirements.

- **Broad Device Compatibility:** Capable of connecting up to 35 devices simultaneously.

Image 3.1: Illustration of the dual-band capabilities, showing 5GHz at 867Mbps and 2.4GHz at 300Mbps.

Image 3.2: Depiction of signal penetration and speed for 2.4GHz and 5.8GHz bands.
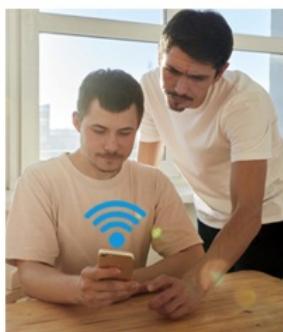


Image 3.3: Illustration showing the extender connecting to various devices for different activities.

## 4. PACKAGE CONTENTS

Please check the package for the following items:

- Aitour Ever 1200Mbps Dual Band WiFi Range Extender
- Instruction Manual (this document)
- Ethernet Cable (typically included for wired connections)

## 5. SETUP GUIDE

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

### 5.1. WPS Button Setup (Recommended for quick setup)

1. Plug the extender into a power outlet near your main router.
2. Wait for the power indicator light on the extender to become stable.
3. Press the WPS button on your main router.
4. Within 2 minutes, press the WPS/RESET button on the Aitour Ever extender.
5. The extender's signal indicator lights will flash and then become solid, indicating a successful connection.
6. You can now unplug the extender and move it to a desired location within your router's WiFi range.



Image 5.1: Visual guide for WPS button setup, showing the WPS button on a router and the extender.

## 5.2. Web Browser Setup

1. Plug the extender into a power outlet.

2. On your computer or mobile device, connect to the extender's default Wi-Fi network (e.g., "Aitour_Extender" or similar, check the label on the device). No password is required initially.

3. Open a web browser and enter the default IP address (e.g., 192.168.10.1) or domain name (e.g., repeater.net) provided in the quick start guide or on the device label.

4. Follow the on-screen instructions to create an administrator password and select your desired operating mode (Repeater, AP, or Router).

5. If selecting Repeater mode, choose your main Wi-Fi network from the list and enter its password.

6. Complete the setup. The extender will restart, and its indicator lights will confirm a successful connection.

*Note: Some users have reported issues with Wi-Fi passwords containing spaces during web browser setup. If you encounter this, try changing your main router's Wi-Fi password to one without spaces temporarily, or use the WPS method if available.*

# 6. OPERATING MODES

The Aitour Ever WiFi Range Extender supports three main operating modes:

- **Repeater Mode:** Extends the coverage of an existing wireless network. The extender receives your current Wi-Fi signal and re-broadcasts it, creating a larger Wi-Fi coverage area.

- **Access Point (AP) Mode:** 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.

- **Router Mode:** Creates an instant private wireless network. This mode is typically used when you have a modem but no router, allowing the extender to function as a basic router.

Image 6.1: Diagram illustrating the Repeater, AP, and Router modes.

## 7. INTELLIGENT SIGNAL INDICATOR

The extender features intelligent signal indicator lights to help you determine the optimal placement for maximum coverage:

- **Three Lights:** Indicates a strong signal from the main router. This is the ideal placement.
- **Two Lights:** Indicates a general signal. The extender is functional but might be too far from the main router for optimal performance. Consider moving it closer.
- **One Light:** Indicates a weak signal. The extender is too far from the main router. Relocate it closer to the router or reset the extender and try again.



Image 7.1: Visual representation of signal strength indicators.

## 8. MAINTENANCE

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

- Keep the device in a well-ventilated area to prevent overheating. Avoid covering the ventilation holes.

- Clean the device regularly with a soft, dry cloth. Do not use liquid cleaners or aerosols.

- Avoid placing the extender near sources of strong electromagnetic interference, such as microwave ovens or cordless phones.

- Ensure the firmware is up to date. Check the manufacturer's website for the latest firmware versions and update instructions.



Image 8.1: Close-up of the cooling holes on the side of the extender, highlighting the ventilation design.

## 9. TROUBLESHOOTING

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

| Problem | Possible Solution |
|---|---|
| Cannot access the web management page. | <ul><li>Ensure your device is connected to the extender's Wi-Fi network.</li><li>Verify the IP address or domain name entered in the browser is correct (e.g., 192.168.10.1 or repeater.net).</li><li>Try clearing your browser's cache or using a different browser.</li><li>Temporarily disable any VPN or firewall software.</li></ul> |
| Extender is not connecting to the main router. | <ul><li>Ensure the extender is within the range of your main router. Use the signal indicator lights to find an optimal spot.</li><li>Verify the Wi-Fi password entered is correct.</li><li>If using WPS, ensure both buttons are pressed within the specified time frame.</li><li>Try resetting the extender to factory defaults and re-configuring.</li><li>If your Wi-Fi password contains spaces, try changing it on your main router or using the WPS method.</li></ul> |

| Problem | Possible Solution |
|---|---|
| Slow internet speed or intermittent connection. | <ul><li>Relocate the extender to a position where it receives a stronger signal from the main router (three signal lights).</li><li>Reduce interference by moving the extender away from other electronic devices.</li><li>Ensure your main router is functioning correctly.</li><li>Check for firmware updates for the extender.</li></ul> |
| Cannot connect more than a few devices. | <ul><li>While the extender supports up to 35 devices, performance may vary based on network traffic and device usage.</li><li>Ensure your main router can handle the number of connected devices.</li></ul> |

## 10. SPECIFICATIONS

| Feature | Detail |
|---|---|
| Brand | Aitour Ever |
| Model Number | JW-WR758AC |
| Wireless Communication Standard | 802.11bgn |
| Data Transfer Rate | 1200 Megabits Per Second (Mbps) |
| Frequency Band Class | Dual-Band (2.4GHz & 5GHz) |
| Special Features | Secure Heat Dissipation Design, Adjustable 4 high gain external antennas |
| Item Weight | 7 ounces |
| Package Dimensions | 8.23 x 3.86 x 2.28 inches |
| Date First Available | June 28, 2022 |

## 11. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Aitour Ever website. Contact details for customer service are typically available on the product packaging or the manufacturer's support page.