

## AERVY B09SFYBGYG

# AERVY WiFi Extender Booster Instruction Manual

Model: B09SFYBGYG

## 1. PRODUCT OVERVIEW

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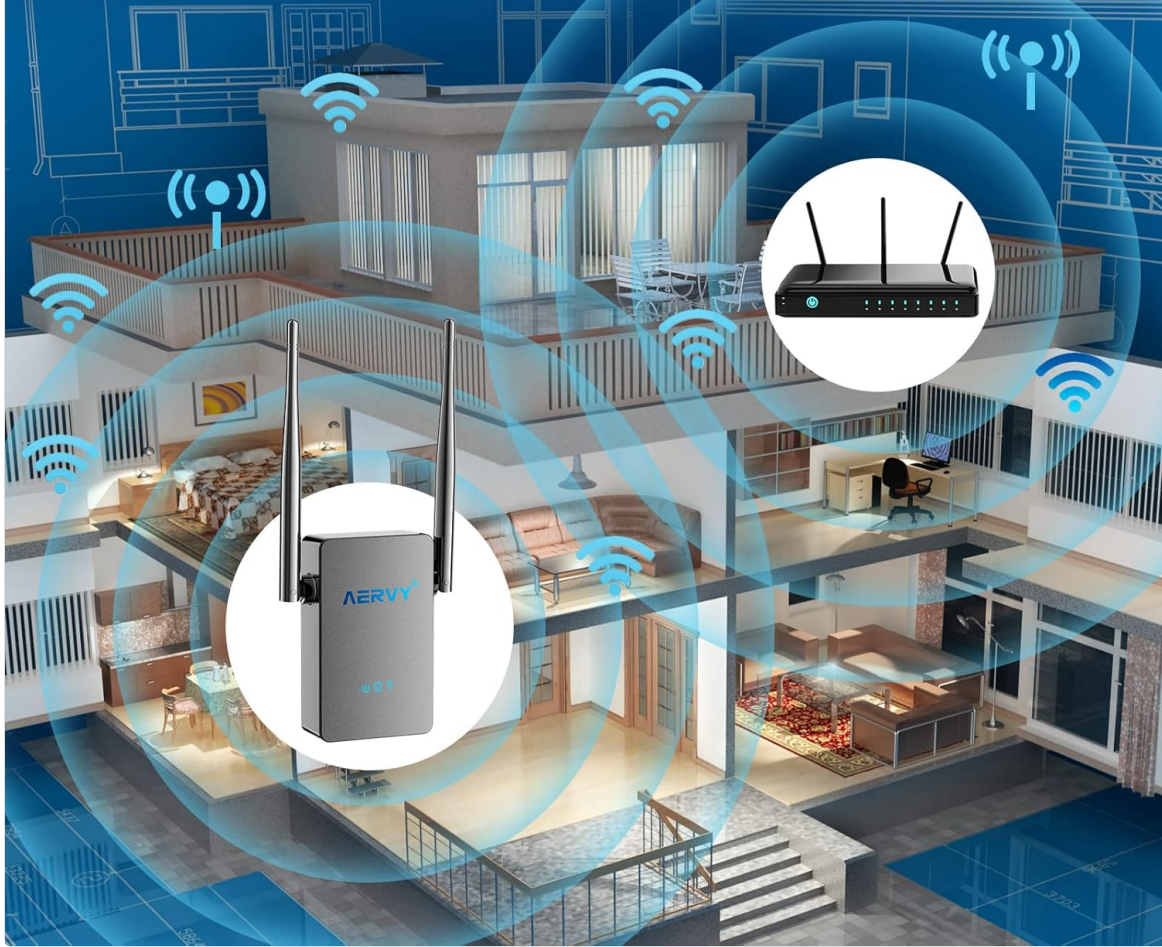
The AERVY WiFi Extender Booster is designed to expand the coverage of your existing wireless network, eliminating dead zones and providing a stronger, more reliable signal throughout your home or office. It operates on the 2.4 GHz frequency band and supports data transfer rates up to 300 Megabits Per Second.

This device is ideal for extending WiFi to areas with weak signals, such as multiple floors, basements, or outdoor spaces, ensuring consistent connectivity for all your compatible devices.

# WiFi Range Extender - 360°Extended

Powerful Signal Penetration

WiFi Signal Zone Coverage Up to 5000 sq.ft,  
No More Dead Zone



*Image: The AERVY WiFi Extender Booster shown extending wireless signal coverage across different rooms and floors in a home environment.*

## 2. SETUP INSTRUCTIONS

There are two primary methods to set up your AERVY WiFi Extender Booster: using the WPS button or through manual configuration via a mobile device.

### 2.1. WPS Button Setup (Recommended)

This method is the quickest way to connect your extender if your main router supports WPS (Wi-Fi Protected Setup).

1. **Power On:** Plug the WiFi Extender into a power outlet near your main router. It is recommended to be within 20 feet for initial setup.
2. **Activate WPS on Router:** Press the WPS button on your main router for 1-2 seconds. The WPS indicator light on your router should start blinking.
3. **Activate WPS on Extender:** Within 30 seconds of pressing the WPS button on your router, press the WPS button on the AERVY WiFi Extender for 1-2 seconds. The WiFi light on the extender should start blinking.

4. **Verify Connection:** Wait for the WiFi light on the extender to turn solid. A solid light indicates a successful connection.
5. **Connect Devices:** After 30 seconds, a new network named "your router network-plus" will appear in your WiFi list. Connect to this network using your existing router's password.

## Easy to Install Using WPS Button

WiFi Ready only 8 Seconds WPS



Image: Illustration of the WPS setup process, showing the WPS button on both the router and the extender.

Your browser does not support the video tag.

Video: AERVY WiFi Extender Installation Guide. This video demonstrates the WPS setup method for the WiFi Extender.

### 2.2. Manual Setup (via Mobile Phone)

If your router does not have a WPS button or if the WPS method fails, you can set up the extender manually. (Detailed steps for manual setup are typically provided in the full printed manual or a dedicated web interface guide. This section provides a general overview.)

1. **Power On:** Plug the WiFi Extender into a power outlet.
2. **Connect to Extender's Network:** On your mobile phone or computer, connect to the extender's default WiFi network (e.g., "AERVY\_Extender" or similar, usually without a password).
3. **Access Setup Page:** Open a web browser and enter the default IP address or domain name (e.g., 192.168.1.1 or extender.net) provided in the product's quick start guide.
4. **Follow On-Screen Prompts:** Log in with the default credentials (usually "admin" for both username and password). Follow the on-screen instructions to select your main WiFi network

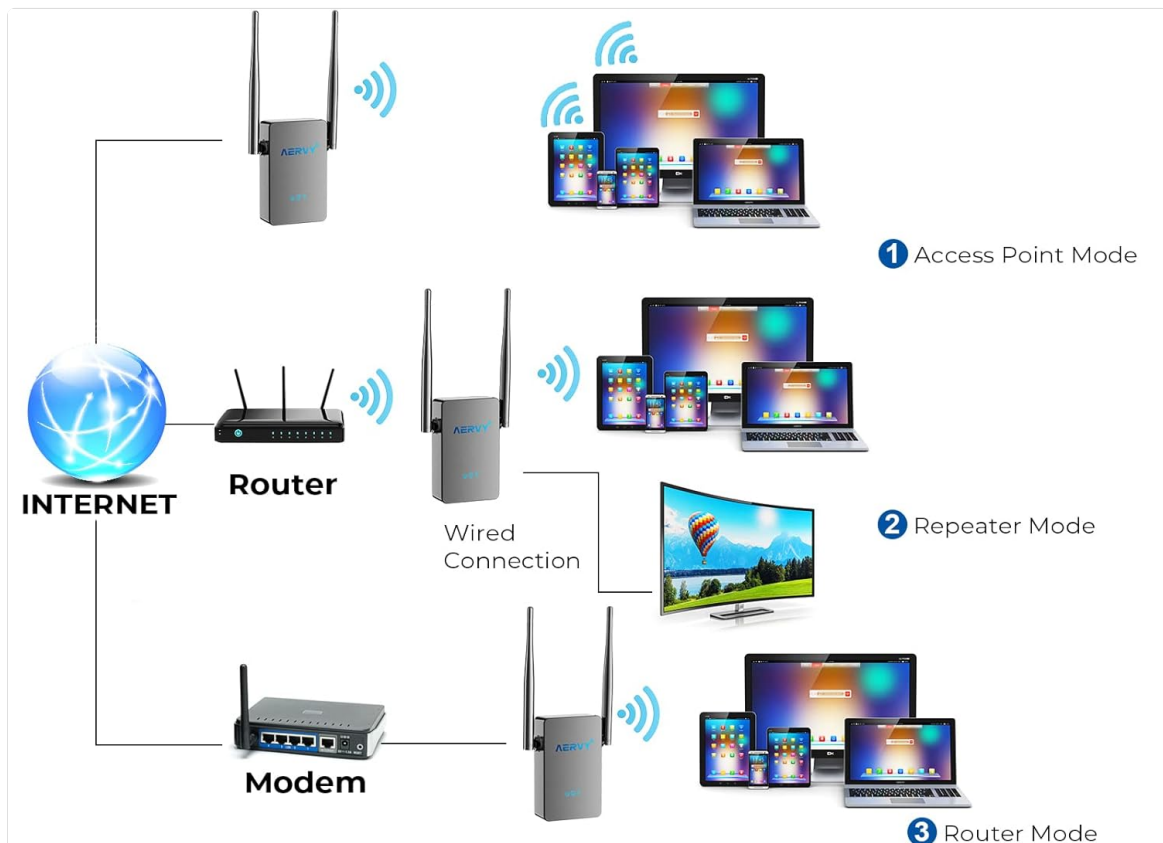
and enter its password.

5. **Relocate Extender:** Once configured, unplug the extender and move it to an optimal location (see Section 3.1).

### 3. OPERATING MODES

The AERVY WiFi Extender Booster supports three operating modes to suit various networking needs:

- **Repeater Mode:** This is the primary function, extending the coverage area of your existing WiFi signal. It connects wirelessly to your main router and rebroadcasts the signal.
- **Access Point (AP) Mode:** In this mode, the extender connects to your main router via an Ethernet cable and creates a new wireless network. This is useful for converting a wired network connection into a wireless one.
- **Router Mode:** The device can function as a basic router, creating an instant private wireless network and enabling multiple devices to share an internet connection. This mode is typically used when you have a modem but no router.



## THREE-IN-ONE FEATURE

3 WORKING MODES for Your Choice

Access Point Mode: Turn wired network to wireless

Repeater Mode: Improve the coverage area of wifi signal

Router Mode: Create an instant private wireless network and enable multiple devices to share it

*Image: Visual representation of the three available operating modes: Access Point, Repeater, and Router.*

### 3.1. Optimal Placement

For best performance, place the WiFi Extender in a location that is:

- **Between your router and the dead zone:** The extender needs to receive a strong signal from your main router to effectively extend it.
- **Not too close to the router:** If too close, it won't effectively extend coverage to distant areas.
- **Not too far from the router:** If too far, it won't receive a strong enough signal to extend.
- **Away from obstructions:** Avoid placing it near large metal objects, thick walls, or other electronic devices that can interfere with the signal.
- **Recommended Distance:** Ideally, place the extender 10-40 feet away from your main router.



*Image: An illustration demonstrating effective WiFi signal extension throughout a home with proper extender placement.*

## 4. MAINTENANCE

To ensure optimal performance and longevity of your AERVY WiFi Extender Booster, consider the following maintenance tips:

- **Regular Cleaning:** Keep the device free from dust and debris. Use a soft, dry cloth for cleaning.
- **Firmware Updates:** Periodically check the manufacturer's website for any available firmware updates. Updating firmware can improve performance, add new features, and enhance security.
- **Avoid Overheating:** Ensure the extender is placed in a well-ventilated area and not covered, to prevent overheating.
- **Resetting the Device:** If you encounter persistent issues or wish to reconfigure the extender, you can perform a factory reset. To reset, press and hold the RESET button for approximately 8 seconds until the lights flash. After resetting, you will need to set up the extender again.

## 5. TROUBLESHOOTING

If you experience issues with your WiFi Extender, refer to the following common troubleshooting steps:

- **Connection Failure (WiFi light flashing frequently):** If the WiFi light on the extender flashes frequently after attempting setup, it indicates a connection failure. The extended network will not appear or be available. In this case, press and hold the RESET button for 8 seconds to reset the extender, then attempt setup again, preferably using Method #1 (WPS) or Method #2 (Manual Setup).
- **No Internet Access After Connection:**
  - Ensure your main router is turned on and has an active internet connection.
  - Verify that the extender is placed within the optimal range of your router (10-40 feet).
  - Check if you entered the correct password for your main WiFi network during setup.
- **Slow WiFi Speed:**
  - **Important Note:** WiFi Extenders are designed to **increase or improve WiFi coverage**, not to increase the overall WiFi speed provided by your internet service. According to the laws of physics, WiFi Extenders will always be slower than your existing router because the extender has to split its bandwidth between the router and connected devices.
  - Ensure optimal placement to receive a strong signal from the router.
  - Minimize interference from other electronic devices (e.g., microwaves, cordless phones).
  - Consider external influences such as cell towers nearby, a neighbor's WiFi on the same channel, or walls and partitions made of certain materials, which can cause signal drops.
- **Cannot Access Setup Page:**
  - Ensure your device is connected to the extender's default WiFi network.
  - Try a different web browser or clear your browser's cache.
  - Perform a factory reset and try again.

## 6. SPECIFICATIONS

<b>Brand</b>	AERVY
<b>Model</b>	B09SFYBGYG
<b>Wireless Communication Standard</b>	2.4 GHz Radio Frequency
<b>Data Transfer Rate</b>	300 Megabits Per Second
<b>Frequency</b>	2.4 GHz
<b>Connector Type</b>	RJ45
<b>Compatible Devices</b>	Security Camera (and other WiFi-enabled devices)
<b>Range</b>	Up to 5000 Square Feet (optimal conditions)
<b>UPC</b>	033985581226

## 7. WARRANTY AND SUPPORT

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AERVY products are designed for reliability and performance. For warranty information, technical support, or any questions regarding your WiFi Extender Booster, please refer to the contact information provided with your product packaging or visit the official AERVY website.

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