**AOOEPU AOOEPU-ZES**

# AOOEPU WiFi Repeater Model AOOEPU-ZES User Manual

Enhance Your Wireless Network Coverage

## 1. INTRODUCTION

This manual provides detailed instructions for setting up, operating, and maintaining your AOOEPU WiFi Repeater Model AOOEPU-ZES. This device is designed to extend the range of your existing wireless network, providing broader coverage and improved signal strength for your connected devices.

The AOOEPU WiFi Repeater supports dual-band operation (2.4 GHz and 5 GHz) and is compatible with 802.11n wireless standards, ensuring reliable and high-speed internet access throughout your home or office.

Image 1.1: The AOOEPU WiFi Repeater, showing its compact design and external antennas.

## 2. PACKAGE CONTENTS

- AOOEPU WiFi Repeater Model AOOEPU-ZES
- User Manual (this document)
- Ethernet Cable (optional, for AP/Router mode setup)

## 3. SETUP INSTRUCTIONS

There are two primary methods for setting up your AOOEPU WiFi Repeater: using the WPS button or through a web browser.

## 3.1. WPS Setup (Recommended for quick setup)

1. **Power On:** Plug the AOOEPU WiFi Repeater into an electrical outlet near your existing wireless router. Wait for the power indicator light to become stable.

2. **Activate WPS on Router:** Press the WPS button on your main wireless router. Refer to your router's manual for the exact location and timing.

3. **Activate WPS on Repeater:** Within two minutes of pressing the WPS button on your router, press the WPS button on the AOOEPU WiFi Repeater. The WPS indicator light on the repeater will flash.

4. **Connection Confirmation:** Wait for the WPS indicator light on the repeater to turn solid, indicating a successful connection. The repeater will create new network names (SSIDs) by appending "-PRO 2.4G" and "-PRO 5G" to your existing WiFi name.

5. **Relocate Repeater:** Unplug the repeater and move it to a location between your router and the area with weak WiFi signal. Ensure the signal strength indicator on the repeater shows a good connection to your main router.

6. **Connect Devices:** Connect your devices to the new extended WiFi networks (e.g., "YourWiFiName-PRO 2.4G" or "YourWiFiName-PRO 5G") using your original WiFi password.



Image 3.1: Visual guide for quick WPS setup, illustrating pressing buttons on both router and repeater.

## 3.2. Web Browser Setup

1. **Power On:** Plug the AOOEPU WiFi Repeater into an electrical outlet near your computer or mobile device.

2. **Connect to Repeater's Network:** On your computer or mobile device, connect to the repeater's default WiFi network (e.g., "AOOEPU_EXT" or similar, without a password).

3. **Access Setup Page:** Open a web browser and enter the default IP address (usually 192.168.1.1 or 192.168.0.1) or the default web address (e.g., http://repeater.net) provided in the quick start guide.

4. **Login:** Enter the default username and password (usually "admin" for both).

5. **Select Mode:** Choose your desired operating mode (Repeater, AP, or Router).

6. **Configure Settings:** Follow the on-screen instructions to select your existing WiFi network, enter its password, and configure the extended network's name and password.

7. **Complete Setup:** Save the settings and wait for the repeater to restart.

8. **Relocate and Connect:** Move the repeater to an optimal location and connect your devices to the new extended network.

# 4. OPERATING MODES

The AOOEPU WiFi Repeater supports multiple operating modes to suit various network requirements:

- **Repeater Mode:** Extends the coverage of an existing wireless network. This is the most common use case.

- **Access Point (AP) Mode:** Converts a wired network connection into a wireless access point, allowing wireless devices to connect.

- **Router Mode:** Functions as a primary wireless router, creating a new private network from a modem connection.
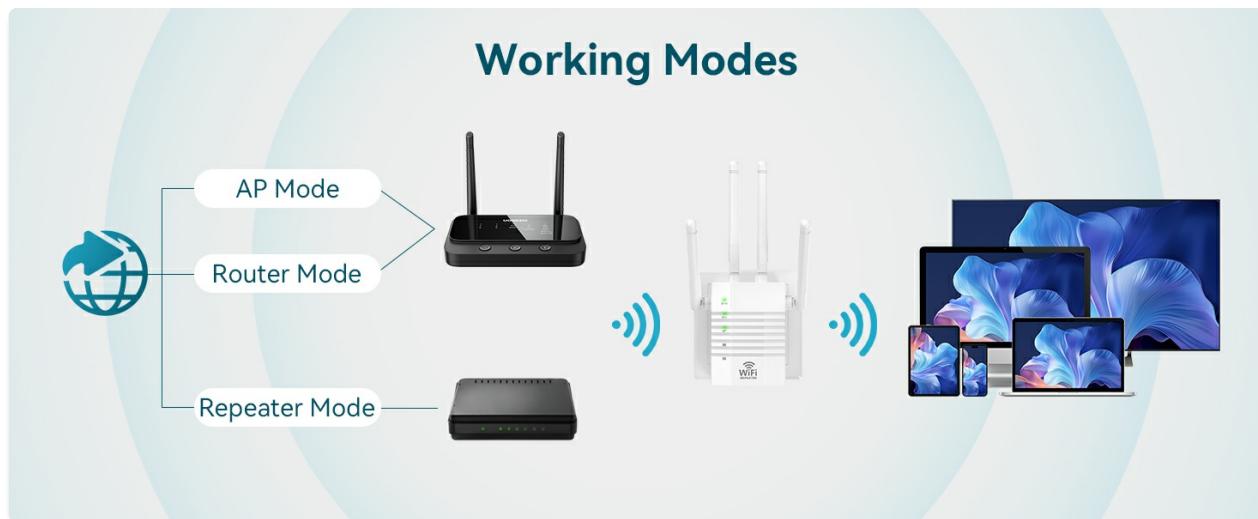


Image 4.1: Overview of the three main operating modes: AP, Router, and Repeater.

## 4.1. Optimal Placement

For best performance, place the repeater in a location that receives a strong signal from your main router and is also centrally located to the areas where you need extended coverage. Avoid placing it near large metal objects, concrete walls, or other electronic devices that may cause interference.



Image 4.2: The repeater provides extended coverage for multiple users and devices in a home environment.

# 5. MAINTENANCE

To ensure optimal performance and longevity of your AOOEPU WiFi Repeater, consider the following maintenance tips:

- **Keep Clean:** Regularly wipe the device with a soft, dry cloth to remove dust. Ensure ventilation holes are not obstructed.
- **Firmware Updates:** Check the AOOEPU official website periodically for firmware updates. Updating firmware can improve performance, add features, and fix bugs.
- **Avoid Extreme Conditions:** Do not expose the device to extreme temperatures, humidity, or direct sunlight.
- **Secure Placement:** Ensure the device is securely plugged into an outlet and not easily dislodged.

## 6. TROUBLESHOOTING

If you encounter issues with your AOOEPU WiFi Repeater, try the following troubleshooting steps:

- **No Internet Access:**
  - Ensure your main router has an active internet connection.
  - Verify the repeater is receiving a strong signal from your main router (check signal indicator lights).
  - Restart both your main router and the repeater.

- **Weak Signal or Slow Speed:**
  - Relocate the repeater closer to your main router, ensuring it's still within the desired coverage area.
  - Avoid physical obstructions like thick walls or large metal objects.
  - Ensure the repeater's antennas are positioned optimally.
  - Check for interference from other electronic devices (e.g., microwaves, cordless phones).

- **Devices Not Connecting:**
  - Confirm you are connecting to the correct extended network SSID (e.g., "YourWiFiName-PRO 2.4G" or "YourWiFiName-PRO 5G").
  - Double-check the WiFi password. It should be the same as your main router's password.
  - Try restarting the repeater and your device.

- **Interference with Other Services (e.g., TV):**
  - If you experience interference with other services, try changing the WiFi channel on your main router or the repeater (via web browser setup).
  - Ensure the repeater is not placed directly adjacent to sensitive electronic equipment.

- **Resetting the Repeater:** If issues persist, you may need to perform a factory reset. Locate the reset button (often a small pinhole) on the device, press and hold it for 5-10 seconds until the lights flash, then release. This will revert all settings to factory defaults, and you will need to set up the repeater again.

## 7. SPECIFICATIONS

| Feature | Detail |
| --- | --- |
| Model Number | AOOEPU-ZES |

| Brand | AOOEPU |
|---|---|
| Wireless Standard | 802.11n |
| Frequency Bands | 2.4 GHz, 5 GHz |
| Compatible Devices | Wi-Fi enabled devices |
| Estimated Coverage Range | Up to 226 feet (actual range may vary) |
| Product Dimensions | 3.74 x 7.48 x 2.8 inches |
| Item Weight | 6.7 ounces |
| Date First Available | December 4, 2024 |



Image 7.1: The repeater supports both 2.4GHz (up to 300Mbps) and 5GHz (up to 1200Mbps) bands for high-speed internet.

## 8. WARRANTY AND SUPPORT
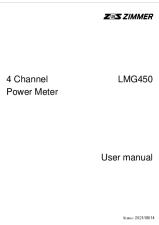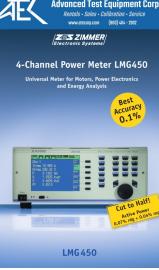
AOOEPU is committed to providing reliable network connectivity solutions. For warranty information, technical support, or further assistance, please refer to the contact details provided with your product packaging or visit the official AOOEPU website.

Our goal is to ensure seamless network connectivity that reaches every corner, prioritizing reliability and ease of use.



Image 8.1: AOOEPU's commitment to seamless network connectivity.

## Related Documents - AOOEPU-ZES

| | |
|---|---|
| | [Wireless Range Extender User Guide AC1200](#)<br>User guide for the Wireless Range Extender AC1200, providing setup instructions via Web Management Page and WPS Button methods, along with a FAQ section. |
| | [ZES ZIMMER LMG450 4 Channel Power Meter User Manual](#)<br>Comprehensive user manual for the ZES ZIMMER LMG450 4 Channel Power Meter. Provides detailed instructions, technical specifications, and operational guidance for accurate power measurements, harmonic analysis, and transient recording. |
| | [ZES ZIMMER LMG671 Precision Power Analyzer: Features, Applications, and Specifications](#)<br>Discover the ZES ZIMMER LMG671 Precision Power Analyzer, a versatile instrument offering DualPath architecture for accurate measurements, extensive interfaces including CAN bus, and broad applications in electrical drive systems and EV charger testing. Learn about its ease of use, advanced features, and detailed specifications. |
| | [ZES ZIMMER LMG450: 4-Channel Precision Power Meter for Energy Analysis](#)<br>Explore the ZES ZIMMER LMG450, a versatile 4-channel precision power meter designed for motors, power electronics, and energy analysis. Features include a color graphics display, extensive measurement capabilities, and advanced functions for development and testing. |
| | [ZES ZIMMER LMG611 Precision Power Analyzer \| DualPath Technology & High Accuracy](#)<br>Discover the ZES ZIMMER LMG611 Precision Power Analyzer, a state-of-the-art instrument featuring advanced DualPath technology for unparalleled accuracy and versatility in demanding power measurement applications. Learn about its key features, applications, and specifications. |