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› User Manual for TP-Link Archer AXE7800 Tri-Band Wi-Fi 6E Router

TP-Link Archer AXE95

User Manual: TP-Link Archer AXE7800 Tri-Band Wi-Fi 6E Router

Model: Archer AXE95

1. INTRODUCTION

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your TP-Link Archer AXE7800 Tri-Band Wi-Fi 6E Router (Model AXE95). This high-performance router is designed to deliver ultra-fast Wi-Fi speeds and robust connections for your home or office network, leveraging Wi-Fi 6E technology for an enhanced wireless experience.

2. SAFETY INFORMATION

- Ensure the router is placed in a well-ventilated area, away from direct sunlight, heat sources, and moisture.
- Use only the power adapter provided with the device. Using an unauthorized power adapter may damage the device and void the warranty.
- Do not open or attempt to repair the device yourself. Refer all servicing to qualified personnel.
- Keep the device away from water and other liquids.
- Avoid placing heavy objects on the router.

3. PACKAGE CONTENTS

Verify that your package contains the following items:

- Wireless Router Archer AXE95
- Power Adapter
- RJ45 Ethernet Cable
- Quick Installation Guide

4. SETUP

4.1 Physical Setup

Follow these steps to physically set up your router:

1. **Positioning:** Place the router in a central location in your home, ideally elevated, to maximize Wi-Fi coverage. Avoid obstructions like thick walls or large metal objects.
2. **Connect Power:** Connect the provided power adapter to the router's power port and then plug it into a power outlet. Press the Power On/Off button if present.
3. **Connect to Modem:** Connect one end of the provided Ethernet cable to the WAN/LAN port (usually colored blue or labeled 'WAN') on your Archer AXE95 router. Connect the other end to your modem's Ethernet port.
4. **Connect Devices (Optional):** For wired connections, connect your computers or other network devices to the router's LAN ports using Ethernet cables.

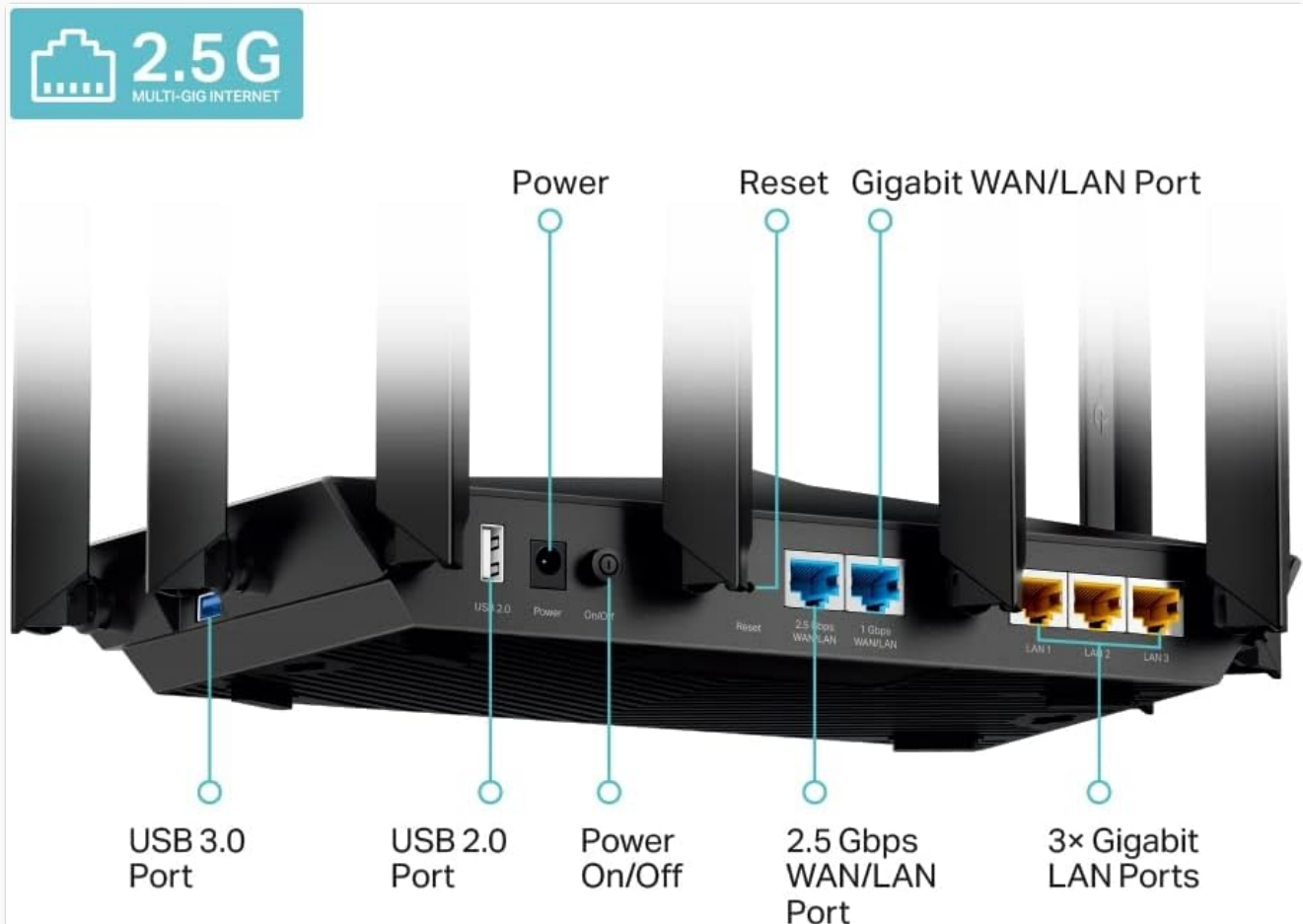


Figure 1: Rear panel of the Archer AXE95 router, illustrating the placement of the USB 3.0 port, USB 2.0 port, Power On/Off button, Power input, Reset button, Gigabit WAN/LAN port, 2.5 Gbps WAN/LAN port, and three Gigabit LAN ports.

Connect up to 4X More Devices Without Losing Speed

8 simultaneous streams, OFDMA, and MU-MIMO technologies allow the whole family to connect more without slowing down.



Figure 2: The TP-Link Archer AXE95 router from a front-angle perspective, showcasing its eight high-performance antennas and sleek black design.

4.2 Initial Configuration

You can configure your router using either the TP-Link Tether app or a web browser.

- **Using the Tether App:** Download the TP-Link Tether app from the App Store or Google Play. Follow the in-app instructions to set up your router. The app provides an intuitive interface for quick setup and management.
- **Using a Web Browser:** Connect your computer to the router via an Ethernet cable or Wi-Fi (using the default Wi-Fi name and password found on the router's label). Open a web browser and enter the default access address (e.g., tplinkwifi.net or 192.168.0.1). Follow the on-screen instructions to complete the setup process, including creating a new administrator password and configuring your Wi-Fi settings.

5. OPERATING THE ROUTER

5.1 Wi-Fi Connectivity

The Archer AXE95 is a Tri-Band Wi-Fi 6E router, offering three distinct Wi-Fi bands for optimal performance:

- **2.4 GHz Band:** Ideal for older devices and extending Wi-Fi range, offering speeds up to 574 Mbps.
- **5 GHz Band:** Provides faster speeds for most modern devices, suitable for streaming and gaming, with speeds up to 4804 Mbps.
- **6 GHz Band (Wi-Fi 6E):** A brand-new, congestion-free band exclusive to Wi-Fi 6E devices, offering the highest speeds up to 2402 Mbps and ultra-low latency. This band prevents interference from legacy devices.

The router features **Smart Connect**, which intelligently assigns each device to the best Wi-Fi band for optimal performance, simplifying your network management.

True Tri-Band Speeds with Brand-New 6GHz

Lightning-fast Tri-band speeds up to 7.8 Gbps and a powerful 1.7 GHz CPU delivers the ultimate buffer-free 8K/4K streaming, gaming, and smart home experience.



Figure 3: Visual representation of the Archer AXE95's true tri-band capabilities, highlighting the 2402 Mbps on the 6 GHz band, 4804 Mbps on the 5 GHz band, and 574 Mbps on the 2.4 GHz band.

Connect up to 4X More Devices Without Losing Speed

8 simultaneous streams, OFDMA, and MU-MIMO technologies allow the whole family to connect more without slowing down.



Figure 4: The Archer AXE95 router depicted with various device icons, illustrating its capacity to connect numerous devices simultaneously without compromising speed, thanks to 8 simultaneous streams, OFDMA, and MU-MIMO technologies.

5.2 TP-Link HomeShield

TP-Link HomeShield provides comprehensive security services to protect your home network and IoT devices. Key features include:

- **Network Protection:** Detects cyber threats and keeps your privacy and connected devices secure.
- **Quality of Service (QoS):** Prioritize bandwidth for specific devices or activities (e.g., gaming, streaming) to ensure a smooth experience.
- **Parental Controls:** Manage online time and block inappropriate content to promote healthy online habits for family members.
- **Comprehensive Reports:** Gain insights into your network usage and security status.

Note: HomeShield includes a free basic plan. Fees apply for the Pro plan, which offers advanced features like DDoS Attack Prevention and IoT Device Protection.



HomeShield

Your Security is Our Priority

Included with Purchase:



Home Network
Scanner



Parental
Controls



Quality of
Service



Upgrade to HomeShield Pro

(Subscription fees apply)



DDoS Attack Prevention



IoT Device Protection



Advanced Parental Controls
including Time Rewards



1-Month Free Trial

Figure 5: An overview of TP-Link HomeShield features, including Home Network Scanner, Parental Controls, and Quality of Service, with an option to upgrade to HomeShield Pro for additional benefits like DDoS Attack Prevention and IoT Device Protection.

5.3 OneMesh Compatibility

The Archer AXE95 supports TP-Link OneMesh, allowing you to create a seamless whole-home Mesh network with a single Wi-Fi name. By connecting a OneMesh range extender, you can eliminate Wi-Fi dead zones and enjoy uninterrupted connectivity as you move throughout your home.

5.4 Port Usage

The router is equipped with various ports for flexible connectivity:

- **2.5 Gbps WAN/LAN Port:** Provides high-speed internet access and can also be used as a LAN port for ultra-fast wired connections to devices like NAS.
- **Gigabit WAN/LAN Port:** Another flexible port for internet connection or wired devices.
- **3x Gigabit LAN Ports:** For connecting multiple wired devices such as PCs, gaming consoles, or smart TVs.
- **USB 3.0 Port & USB 2.0 Port:** For connecting external storage devices to share files across your network or to set up a personal cloud.

6. MAINTENANCE

To ensure optimal performance and security of your Archer AXE95 router, consider the following maintenance practices:

- **Firmware Updates:** Regularly check for and install the latest firmware updates from the TP-Link website or via the Tether app. Firmware updates often include performance improvements, bug fixes, and security enhancements.
- **Regular Reboot:** Periodically reboot your router (e.g., once a month) by unplugging it from the power outlet for 10-15 seconds and then plugging it back in. This can help clear temporary issues and improve stability.
- **Cleanliness:** Keep the router free from dust accumulation, especially around ventilation areas, to prevent overheating. Use a soft, dry cloth for cleaning.
- **Secure Passwords:** Regularly change your Wi-Fi and router administration passwords to strong, unique combinations to enhance security.

7. TROUBLESHOOTING

If you encounter issues with your router, try the following troubleshooting steps:

- **No Internet Access:**
 - Check all cable connections between the router, modem, and your devices. Ensure they are securely plugged in.
 - Reboot your modem and router. Unplug both devices, wait for 30 seconds, then plug in the modem first. Once the modem is fully online, plug in the router.
 - Verify your internet service provider (ISP) connection is active.
- **Slow Wi-Fi Speed:**
 - Ensure your devices are connected to the appropriate Wi-Fi band (5 GHz or 6 GHz for faster speeds).
 - Reduce interference by moving the router away from other electronic devices (e.g., cordless phones, microwaves).
 - Check for firmware updates.
 - Limit the number of active devices or bandwidth-intensive applications.
- **Cannot Access Router Management Page:**
 - Ensure your device is connected to the router's network.
 - Verify you are using the correct access address (tplinkwifi.net or 192.168.0.1).
 - Try clearing your browser's cache or using a different browser.
- **Forgot Wi-Fi Password or Router Login Password:**
 - You can reset the router to factory default settings by pressing and holding the Reset button on the back of the router for about 5-10 seconds until the LED lights flash. **Note:** This will erase all your custom settings, and you will need to reconfigure the router.

For more detailed troubleshooting or persistent issues, please refer to the official TP-Link support resources.

8. SPECIFICATIONS

Feature	Description
Wireless Standards	IEEE 802.11ax/ac/n/a (5 GHz, 6 GHz), IEEE 802.11ax/n/b/g (2.4 GHz)
Wi-Fi Speeds	2402 Mbps (6 GHz) + 4804 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
Processor	1.7 GHz Quad-Core CPU
Antennas	8× High-Performance Antennas
Ethernet Ports	1× 2.5 Gbps WAN/LAN Port, 1× Gigabit WAN/LAN Port, 3× Gigabit LAN Ports
USB Ports	1× USB 3.0 Port, 1× USB 2.0 Port
Dimensions (W×D×H)	12.2 x 8.1 x 6.8 in (310.9 × 206.9 × 173.7 mm)
Item Weight	1.94 pounds
Security	WPA3, WPA2, WPA, WEP, TP-Link HomeShield

9. WARRANTY AND SUPPORT

TP-Link provides comprehensive support for your Archer AXE95 router:

- **Warranty:** This product comes with a 2-year warranty.
- **Technical Support:** 24/7 technical support is available.
- **Support Phone:** 866.225.8139
- **Support Email:** support.usa@tp-link.com
- **Warranty Policy:** For detailed warranty information, please visit<http://warranty.tp-link.us>
- **General Support:** For additional support resources, FAQs, and downloads, please visit<http://www.tp-link.com/support>

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Email

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conversion attribution. [Privacy details](#).

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

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