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# UGREEN USB AXE5400 WiFi 6E Adapter Instruction Manual

Model: 75917

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## 1. PRODUCT OVERVIEW

The UGREEN USB AXE5400 WiFi 6E Adapter is designed to provide high-speed, stable wireless connectivity for your PC. Featuring tri-band technology (6GHz, 5GHz, and 2.4GHz), it ensures optimal performance for various online activities, from 8K streaming to gaming. Its high-gain adjustable antennas and included extension cable enhance signal penetration and coverage, while WPA3-SAE encryption offers robust network security. This adapter is compatible with Windows 10 and Windows 11 operating systems.

# Wi-Fi 6E

Speed up to 5400Mbps



6 GHz  2402 Mbps

5 GHz  2402 Mbps

2.4 GHz  574 Mbps

*Image: UGREEN USB AXE5400 WiFi 6E Adapter with its dual antennas extended, showcasing its compact design.*

## 2. SETUP GUIDE

Follow these steps to install and set up your UGREEN USB AXE5400 WiFi 6E Adapter:

## 2.1 Hardware Installation

1. **Connect the Adapter:** Insert the UGREEN USB AXE5400 WiFi 6E adapter into an available USB 3.0 port on your computer. For optimal signal reception, use the included 1-meter extension cable to position the adapter in an area with better signal strength. Adjust the antennas to a vertical position or angle them for best performance.

# Adjust the Adapter to get a Stronger Signal

1m Micro USB Cable: Flexible placement



Adjustable antenna

90°



180°



*Image: The UGREEN USB AXE5400 WiFi 6E Adapter connected to a laptop via its extension cable, with antennas adjusted for optimal signal.*

## 2.2 Driver Installation (Windows 10/11)

The driver software for Windows 10/11 is preloaded on the Wi-Fi 6E USB adapter, eliminating the need for a CD-ROM drive or manual download from a website. Follow these steps:

1. **Automatic Driver Installation:** Once the adapter is connected, a pop-up notification should appear in the bottom right corner of your screen. Click on this notification to initiate the driver installation. The system will automatically install the necessary drivers.
2. **Manual Driver Installation (if pop-up doesn't appear):** If the pop-up does not appear, open "This PC" or "My Computer" and locate the drive associated with the adapter (it may appear as a CD Drive). Double-click the executable file (e.g., "WiFiAutoInstallSetupU353.exe" or similar) to run the driver installer.
3. **Complete Installation:** Follow the on-screen prompts to complete the driver installation. This process typically takes a few minutes.
4. **Restart Your Computer:** After the driver is successfully installed, restart your computer to ensure all changes take effect.

## 2.3 Connect to Wi-Fi Network

After restarting your computer, you can connect to your Wi-Fi network:

1. **Access Network Settings:** Click the network icon (usually a Wi-Fi symbol) in the lower right corner of your desktop (taskbar).
2. **Select Network:** From the list of available networks, select the Wi-Fi network you wish to connect to.
3. **Enter Password:** Enter the network security key (Wi-Fi password) when prompted, then click "Next" or "Connect".
4. **Connected:** Your computer should now connect to the Wi-Fi network. The network status will update to "Connected".

## 2.4 Setup Videos

### Driver Installation and Wi-Fi Connection Guide

Your browser does not support the video tag.

*Video: A step-by-step guide demonstrating how to connect the WiFi6 USB adapter, download and install drivers from the official website, and connect to a Wi-Fi network on a Windows PC.*

### UGREEN AX1800 USB WiFi 6 Adapter Setup Overview

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*Video: An overview of the UGREEN AX1800 USB WiFi 6 Adapter, highlighting its easy setup, dual-band adaptive switching, and stable performance. Note: This video is for a similar UGREEN product (AX1800) but demonstrates general setup ease.*

### BrosTrend BE6500 Wi-Fi 7 USB Adapter Setup Guide

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*Video: A setup guide for a BrosTrend Wi-Fi 7 USB adapter, showing how to connect the adapter, install preloaded drivers, and connect to a Wi-Fi network. The process is similar to the UGREEN AXE5400 adapter.*

## 3. OPERATION

The UGREEN USB AXE5400 WiFi 6E Adapter provides advanced features for an enhanced wireless experience:

### 3.1 Tri-Band Connectivity

This adapter supports three distinct frequency bands:

- **6GHz Band:** Offers ultra-low latency and superior anti-interference with a massive 160MHz bandwidth, ideal for VR, 8K streaming, and high-performance gaming.
- **5GHz Band:** Provides high speeds up to 2402Mbps, suitable for demanding tasks like HD video streaming and online gaming.
- **2.4GHz Band:** Delivers speeds up to 574Mbps, excellent for general internet use, web browsing, and connecting devices over longer distances.

The adapter intelligently switches between these bands to maintain a consistently high-speed and stable connection based on network conditions and device requirements.



# 6GHz

**160MHz - Broadband  
Channel**

**Exclusive High-Speed Channel,  
No More Congestion**

*Image: The UGREEN USB AXE5400 WiFi 6E Adapter emphasizing its 6GHz 160MHz broadband channel for high-speed, low-congestion connectivity.*



## Stutter-Free 8K Streaming Unleashed



## Win by Frames : 3ms 6GHz Sniper Lane

*Image: Visual representation of the adapter's performance, showing smooth 8K streaming and low-latency gaming experiences.*

### 3.2 USB 3.0 Interface

The adapter utilizes a USB 3.0 interface, supporting 5Gbps high-speed transmission. This ensures efficient handling of

large file downloads and instant connections, maximizing your network's potential.

### **3.3 Enhanced Signal and Coverage**

Equipped with high-gain adjustable Wi-Fi antennas and a 1-meter extension cable, the adapter allows for flexible placement to achieve the best signal. You can freely adjust the antenna angles to optimize signal strength and improve penetration through walls, ensuring comprehensive coverage throughout your home or office.

# High Gain Dual Antenna

Power Through Thick Walls,  
Cover Every Corner



*Image: A diagram illustrating how the high-gain dual antennas improve signal penetration and coverage across different rooms.*

## 3.4 WPA3 Security

The UGREEN AXE5400 supports advanced WPA3-SAE encryption technology. This provides secure network

connectivity, effectively resisting network threats and ensuring the absolute safety of your sensitive data and privacy.

# WPA3-SAE Super Shield

No Hackers, No Peeping Toms



**WPA3-SAE**



WiFi Security for Home



File transfer leakage prevention



Public network surveillance prevention



Payment security anti-hacking

*Image: A graphic depicting the WPA3-SAE "Super Shield" feature, highlighting its role in protecting Wi-Fi security, preventing file transfer leakage, and ensuring payment security.*

## 3.5 Compatibility

This USB Wi-Fi adapter is exclusively compatible with Windows 10 and Windows 11 operating systems. It does not support macOS, Linux, or older Windows versions (Windows 8/8.1/7/XP).

# Compatible with Windows 11/10



 Windows 10/11 	 Windows 8/8.1/7 	 MacOS 	 Linux 	 Windows XP 
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Note: Don't support MacOs/Linux/Windows 8/8.1/7/XP

*Image: A visual representation confirming the adapter's compatibility with Windows 11 and Windows 10, while explicitly stating non-compatibility with other operating systems.*

## 4. MAINTENANCE

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To ensure the longevity and optimal performance of your UGREEN USB AXE5400 WiFi 6E Adapter, consider the following maintenance tips:

- **Keep Drivers Updated:** Periodically check the UGREEN official website for the latest driver updates to ensure compatibility and performance improvements.
- **Proper Placement:** Avoid placing the adapter in enclosed spaces or near heat sources to prevent overheating. Ensure adequate airflow around the device.
- **Clean Gently:** Use a soft, dry cloth to clean the adapter. Avoid using liquid cleaners or abrasive materials.
- **Protect from Physical Damage:** Handle the adapter with care. Avoid dropping it or subjecting it to excessive force, which could damage the internal components or antennas.
- **Secure Connection:** Ensure the USB connection is secure and free from dust or debris.

## 5. TROUBLESHOOTING

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If you encounter issues with your UGREEN USB AXE5400 WiFi 6E Adapter, try the following troubleshooting steps:

- **No Wi-Fi Connection:**
  - Ensure the adapter is securely plugged into a USB 3.0 port.
  - Verify that the drivers are correctly installed (check Device Manager). Reinstall if necessary.
  - Check if Wi-Fi is enabled in your computer's network settings.
  - Restart your computer and router.
- **Slow Speeds:**
  - Ensure you are connected to the 6GHz or 5GHz band for optimal speed, if your router supports it.
  - Adjust the adapter's antennas and reposition the adapter using the extension cable to improve signal strength.
  - Check for interference from other electronic devices.
  - Update your router's firmware and adapter drivers to the latest versions.
  - Perform a speed test to confirm actual speeds.
- **Frequent Disconnections:**
  - Ensure the adapter is not too far from your Wi-Fi router.
  - Check for physical obstructions that might be blocking the signal.
  - Verify that your router's channels are not congested (you might need to change channels in your router settings).
  - Disable any power-saving features for the USB port in Device Manager.
- **Adapter Not Recognized:**
  - Try plugging the adapter into a different USB port.
  - Check Device Manager for any unknown devices or devices with error symbols.
  - Reinstall the drivers as described in the Setup Guide.

## 6. SPECIFICATIONS

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Feature	Detail
<b>Brand</b>	UGREEN
<b>Model</b>	75917
<b>Hardware Interface</b>	USB 3.0
<b>Data Transfer Rate</b>	2400 Megabits Per Second (Total AXE5400: 6GHz 2402Mbps + 5GHz 2402Mbps + 2.4G 574Mbps)
<b>Data Link Protocol</b>	USB
<b>Compatible Devices</b>	Desktop, Laptop
<b>Compatible Operating System</b>	Windows 10, Windows 11 (6GHz band requires Windows 11)
<b>Antenna Type</b>	High-gain adjustable dual antennas
<b>Security Protocol</b>	WPA3-SAE
<b>Extension Cable</b>	1-meter included
<b>Color</b>	Black
<b>Parcel Dimensions</b>	22.9 x 11.1 x 2.9 cm; 190 g

## 7. WARRANTY & SUPPORT

For detailed warranty information and technical support, please refer to the official UGREEN website or contact their customer service directly. Keep your purchase receipt for warranty claims.