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Auscoumer 4510AC

USB WiFi Bluetooth Adapter Instruction Manual

Model: 4510AC | Brand: Auscoumer

1. INTRODUCTION

This manual provides comprehensive instructions for the Auscoumer USB WiFi Bluetooth Adapter (Model: 4510AC). This 2-in-1 device offers dual-band Wi-Fi connectivity (2.4GHz and 5GHz) and Bluetooth 4.2 capabilities, designed for seamless wireless networking and device pairing on compatible computers. Its compact design ensures portability and ease of use.

2. PRODUCT FEATURES

- **Driver-Free Installation:** For Windows 7/8/8.1/10/XP, the adapter features built-in driver software for automatic installation upon insertion, allowing immediate Wi-Fi connection.
- **2-in-1 Wi-Fi and Bluetooth:** Combines both wireless network and Bluetooth functionalities in a single USB dongle.
- **Dual-Band Wi-Fi (2.4GHz/5.8GHz):** Supports IEEE 802.11 a/b/g/n/ac standards, offering speeds up to 433Mbps on 5.8GHz for HD streaming and gaming, and 150Mbps on 2.4GHz for general internet use.
- **AP Mode Support:** Functions as a Wi-Fi transmitter, converting a wired internet connection into a Wi-Fi hotspot for other devices.
- **Bluetooth 4.2 Transmitter:** Enables non-Bluetooth PCs to connect wirelessly with Bluetooth devices such as smartphones, tablets, speakers, headsets, keyboards, mice, printers, and projectors, with a connection distance of up to 33 feet. (Compatible only with Windows 7/8/8.1/10/11).
- **Compact Design:** Mini and portable for easy carrying and convenient use.



600Mbps



Dual Band 2.4/5G



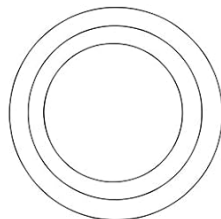
Bluetooth4.2



WEP encryption



No Driver Needed



Stable Signal



802.11 a/b/g/n/ac



High Gain

Figure 2.1: Overview of the adapter's key features.

3. SETUP AND DRIVER INSTALLATION

The Auscoumer USB WiFi Bluetooth Adapter is designed for ease of installation. Follow the steps below based on your operating system.

3.1. Windows 7/8/8.1/10/XP (Wi-Fi) & Windows 7/8/8.1/10/11 (Bluetooth)

1. Insert the USB WiFi Bluetooth Adapter into an available USB port on your PC or laptop.
2. For Windows 7/8/8.1/10/XP, the built-in driver software should install automatically. Your PC will then be able to connect to Wi-Fi.
3. For Bluetooth functionality on Windows 7/8/8.1/10/11, the driver should also install automatically.
4. If automatic installation does not occur, the adapter may appear as a disc drive in Windows Explorer. Open it and run the installer executable file.

Free Driver & Plug And Play

Desktop Laptop No Need CD Reader



Figure 3.1: Plug and Play installation for desktop and laptop computers.

3.2. Vista/Mac OS (10.11-10.15) (Wi-Fi)

1. Insert the USB WiFi Bluetooth Adapter into an available USB port on your computer.
2. Install the necessary drivers using the provided mini CD.
3. Alternatively, drivers can be downloaded from the official Auscoumer support link:bit.ly/Auscoumer-600M.

Note: Mac OS 11 and above versions are not supported temporarily. Bluetooth is not compatible with Vista/XP/Mac OS.

4. OPERATING INSTRUCTIONS

4.1. Wi-Fi Connectivity

1. Once the driver is installed (automatically or manually), locate the Wi-Fi icon in your system tray (Windows) or menu bar (Mac OS).

2. Click on the icon to view available wireless networks.
3. Select your desired network and enter the password if prompted.
4. The adapter supports both 2.4GHz and 5GHz bands. For optimal performance with HD video streaming and online gaming, connect to a 5GHz network if available. The 2.4GHz band is suitable for general web browsing and email.

Enjoy high speed wifi

2.4G +5G dual band



Figure 4.1: Dual-band Wi-Fi operation.

4.2. AP Mode (Wi-Fi Hotspot)

The adapter can convert your computer's wired internet connection into a Wi-Fi hotspot.

1. Ensure your computer is connected to the internet via an Ethernet cable.
2. Access the adapter's software settings (usually found in the system tray or control panel).
3. Switch to "AP Launch Mode" or "Hotspot Mode".
4. Configure the hotspot name (SSID) and password.
5. Other devices (smartphones, tablets, laptops) can now connect to your computer's Wi-Fi hotspot.

WiFi, AP SWITCH ANYTIME

Create a WiFi hotspot for sharing



WiFi Mode
(Accept signal)

Search for WiFi signals to connect



Figure 4.2: Wi-Fi and AP mode functionality.

4.3. Bluetooth Connectivity (Windows Only)

The adapter enables your Windows PC to connect with various Bluetooth devices.

1. Ensure the adapter is plugged in and the blue LED light is flashing, indicating it is working.
2. Go to your computer's Bluetooth settings (e.g., Settings > Devices > Bluetooth & other devices).
3. Turn on Bluetooth and select "Add Bluetooth or other device".
4. Put your Bluetooth device (e.g., headset, mouse, speaker) into pairing mode.
5. Select your device from the list and follow any on-screen prompts to complete pairing.



Smartphone & Tablet



Bluetooth Speaker



Bluetooth Mouse



Bluetooth 4.2



Bluetooth Printer



Bluetooth Headset



Bluetooth Keyboard

Figure 4.3: Bluetooth 4.2 connectivity with various devices.

5. SPECIFICATIONS

Feature	Detail
Product Dimensions	0.6 x 0.3 x 1.3 inches (1.3"L x 0.6"W x 0.3"H)
Item Weight	0.459 ounces (13 Grams)
Model Number	4510AC
Hardware Interface	USB, USB 2.0
Frequency Range	2.4GHz + 5.8GHz
Data Link Protocol	IEEE 802.11ac, 802.11b, 802.11g, 802.11n

Data Transfer Rate	600 Megabits Per Second (11N:150Mbps, 11AC:433Mbps)
Bluetooth Version	4.2
Compatible Operating Systems	Windows (7/8/8.1/10/11/XP), Mac OS (10.11-10.15 for Wi-Fi only)
Manufacturer	Auscoumer
Country of Origin	China



Figure 5.1: Physical dimensions of the adapter.

6. TROUBLESHOOTING

- **Driver Not Installing Automatically (Windows):** If the adapter does not install automatically, check "This PC" or "My Computer" for a new drive. Open it and run the installer file (e.g., setup.exe).

- **Driver Installation Issues (Mac OS):** For Mac OS (10.11-10.15), if the driver cannot be installed, navigate to "System Preferences" > "Security & Privacy" and click "Allow" for the driver software.
- **Wi-Fi/Bluetooth Interference:** If you experience issues when using both Wi-Fi and Bluetooth simultaneously, especially with 2.4GHz wireless mice or keyboards, consider connecting your computer and other devices to a 5GHz Wi-Fi network as much as possible to avoid channel conflicts.
- **No Wi-Fi or Bluetooth Connection:** Ensure the adapter is securely plugged into a functional USB port. For Bluetooth, check if the blue LED light on the adapter is flashing. If not, try a different USB port or restart your computer.
- **Slow Wi-Fi Speed:** Verify you are connected to the 5GHz band for higher speeds if your router supports it. Ensure there are no physical obstructions or excessive distance between the adapter and your Wi-Fi router.

7. MAINTENANCE

- Keep the adapter clean and free from dust.
- Avoid exposing the adapter to extreme temperatures or humidity.
- Always remove the adapter safely from your computer (e.g., "Safely Remove Hardware" on Windows) to prevent data corruption or damage.
- Periodically check the Auscoumer website for updated drivers to ensure optimal performance and compatibility.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please contact Auscoumer customer service. Refer to the product packaging or the official Auscoumer website for contact details.

This product is covered by a return policy, typically 30 days from purchase, for refund or replacement. Please check your purchase details for specific terms.