UGREEN 75109

UGREEN 2-in-1 USB Bluetooth WiFi Adapter Instruction Manual

Model: 75109

1. Introduction

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your UGREEN 2-in-1 USB Bluetooth WiFi Adapter. This device is designed to provide your desktop PC with advanced WiFi 6 (AX900) and Bluetooth 5.4 capabilities, ensuring stable and high-speed wireless connectivity.



Figure 1: UGREEN 2-in-1 USB Bluetooth WiFi Adapter with adjustable high-gain antenna.

The adapter features a 6dBi high-gain antenna for enhanced signal penetration and reduced interference, along with a built-in driver for seamless installation on Windows 10/11 systems.

2. Setup and Installation

Follow these steps to install your UGREEN 2-in-1 USB Bluetooth WiFi Adapter:

1. **System Compatibility:** Ensure your computer runs on Windows 10 or Windows 11 (X86/X64 systems). This adapter does not support macOS, Linux, Windows 8, 8.1, 7, or XP.

2. **Driver Installation (Built-in Driver):** The adapter features a built-in driver, simplifying the installation process.
    - Insert the UGREEN USB adapter into an available USB port on your desktop PC.
    - Windows should automatically detect the device and begin installing the necessary drivers.
    - A notification may appear indicating driver installation progress. Allow the process to complete.
    - If automatic installation does not occur, navigate to "This PC" or "My Computer," locate the USB drive (often labeled as a CD Drive or similar), and run the "Setup.exe" file to manually install the drivers.
3. **Physical Placement:** For optimal signal strength, position the adapter's 6dBi high-gain antenna in an unobstructed location. The antenna is adjustable to help achieve the best reception.
4. **Verification:** Once the drivers are installed, the adapter should be recognized by your system. You can verify this by checking the Device Manager or the Network & Internet settings in Windows.



Figure 2: The adapter is designed for plug-and-play installation on compatible Windows systems.

3. Operating Instructions

3.1. WiFi Connectivity (AX900 Dual Band)

The adapter supports WiFi 6 (AX900) with dual-band operation (5GHz and 2.4GHz) for speeds up to 600 Mbps and 287 Mbps respectively.

1. **Connect to a WiFi Network:**
   - Click on the WiFi icon in the system tray (bottom-right corner of your screen).
   - Select your desired WiFi network from the list of available networks.
   - Enter the network security key (password) if prompted.
   - Click "Connect." Your PC should now be connected to the internet.
2. **Create a WiFi Hotspot (Transmit Mode):**
   This adapter allows your networked computer to transmit WiFi, sharing your internet connection with other devices.
   - Go to *Settings > Network & Internet > Mobile hotspot*
   - Toggle the "Mobile hotspot" switch to "On."
   - You can customize the network name (SSID) and password by clicking "Edit."
   - Other devices can now connect to your PC's WiFi hotspot.



Figure 3: The adapter supports both 5GHz and 2.4GHz bands for various online activities.



Figure 4: The adapter enables both WiFi reception and hotspot creation for your PC.

3.2. Bluetooth Connectivity (Bluetooth 5.4)

The adapter provides advanced Bluetooth 5.4 for connecting multiple devices, backward compatible with older Bluetooth versions.

1. **Pairing Bluetooth Devices:**
   - Ensure the Bluetooth device you wish to pair is in pairing mode.
   - On your PC, go to *Settings > Bluetooth & devices*.
   - Click "Add device" and select "Bluetooth."
   - Select your device from the list and follow the on-screen prompts to complete the pairing process.
   - The adapter supports wireless pairing with various devices including headsets, speakers, keyboards, controllers, printers, and smartphones.



Figure 5: The adapter supports a wide range of Bluetooth devices for both transmitting and receiving signals.

4. Maintenance

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

- **Keep it Clean:** Regularly wipe the adapter with a soft, dry cloth to remove dust and debris. Avoid using liquid cleaners or abrasive materials.
- **Proper Handling:** Avoid dropping the adapter or subjecting it to strong impacts. When unplugging, always grasp the body of the adapter, not the antenna.
- **Optimal Placement:** While the antenna enhances signal, avoid placing the adapter near large metal objects or other electronic devices that could cause interference.
- **Software Updates:** Periodically check for updated drivers on the UGREEN official website to ensure compatibility and performance improvements.

5. Troubleshooting

If you encounter issues with your UGREEN USB Bluetooth WiFi Adapter, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Adapter not recognized by PC.	Incorrect USB port, driver issue, or incompatible system.	Try a different USB port. Ensure your system is Windows 10/11 (X86/X64). Reinstall drivers from the built-in storage or UGREEN website.
No WiFi networks detected.	WiFi function disabled, driver issue, or antenna position.	Ensure WiFi is enabled in Windows settings. Check driver installation. Adjust the antenna position for better signal reception.
Slow WiFi speed or frequent disconnections.	Interference, distance from router, or outdated drivers.	Move closer to the WiFi router. Ensure no large obstructions. Update drivers. Check for other interfering devices.
Cannot pair Bluetooth devices.	Device not in pairing mode, Bluetooth disabled, or driver issue.	Ensure the Bluetooth device is in pairing mode. Verify Bluetooth is enabled in Windows settings. Reinstall Bluetooth drivers.

If the issue persists after following these steps, please contact UGREEN customer support for further assistance.

6. Specifications

- **Brand:** UGREEN
- **Model Number:** 75109
- **Hardware Interface:** USB 2.0 Type A
- **Data Transfer Rate:** 600 Megabits Per Second (5GHz) + 287 Megabits Per Second (2.4GHz)
- **Wireless Standard:** WiFi 6 (AX900)
- **Bluetooth Version:** Bluetooth 5.4 (backward compatible with 5.3/5.2/5.0/4.0)
- **Antenna:** 6dBi Adjustable High-Gain Antenna
- **Operating System Compatibility:** Windows 10/11 (X86/X64)
- **Compatible Devices:** Desktop, Keyboard, Laptop, Printer, Smartphone, Speaker
- **Product Dimensions:** 8.27 x 6.89 x 4.33 inches
- **Item Weight:** 3.52 ounces
- **Security:** WPA-PSK, WPA2-PSK, WPA/WPA2 mixed protocols



Figure 6: The adapter features an upgraded dual antenna design for stronger signal and reduced interference.



Figure 7: The adapter offers long-range transmission up to 100 meters (492 feet) in open space.

7. Warranty and Support

UGREEN products come with a standard manufacturer's warranty. For specific warranty details, registration, or technical support, please visit the official UGREEN website or contact their customer service directly. Keep your purchase receipt for warranty claims.

UGREEN Official Website: www.ugreen.com

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