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WONLINK 3601B1

WONLINK WiFi6 3601B1 WLAN Amplifier User Manual

Model: 3601B1

1. INTRODUCTION

Thank you for choosing the WONLINK WiFi6 3601B1 WLAN Amplifier. This device is designed to extend your existing wireless network coverage, eliminate Wi-Fi dead zones, and provide a stable, high-speed internet connection throughout your home or office. Featuring WiFi6 (802.11ax) technology and dual-band support (2.4 GHz and 5 GHz), it delivers data transfer speeds up to 1500 Mbps, ensuring a seamless experience for all your connected devices, including mobile phones, computers, smart TVs, printers, webcams, and gaming consoles. Please read this manual carefully before use to ensure proper installation and operation.



Image 1.1: Front view of the WONLINK WiFi6 3601B1 WLAN Amplifier. The device is black with two adjustable antennas, a central WONLINK logo, and a blue LED indicator for WiFi6 status.

2. SAFETY INFORMATION

- Do not expose the device to water, fire, excessive humidity, or extreme temperatures.
- Do not attempt to disassemble, repair, or modify the device. Contact qualified personnel for service.
- Ensure the power outlet is easily accessible and the device is unplugged during electrical storms or when unused for long periods.
- Use only the power adapter provided or recommended by the manufacturer.
- Keep the device away from heat sources and direct sunlight.
- Place the device in a well-ventilated area to prevent overheating.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- WONLINK WiFi6 3601B1 WLAN Amplifier
- Ethernet Cable
- Quick Installation Guide

4. PRODUCT OVERVIEW

Familiarize yourself with the device's components:

- **Antennas:** Two external, adjustable antennas for optimal signal reception and transmission.
- **LED Indicators:**
 - **Power LED:** Indicates power status.
 - **WiFi LED:** Indicates wireless connection status.
 - **WPS LED:** Indicates WPS function status.
 - **LAN LED:** Indicates Ethernet port connection status.
- **WPS Button:** For quick and secure connection to a router via Wi-Fi Protected Setup.
- **Reset Button:** Used to restore the device to factory default settings. Press and hold for approximately 5-8 seconds.
- **LAN/WAN Port:** An Ethernet port that can function as either a LAN port (in Repeater mode) or a WAN port (in AP mode).

5. SETUP

The WONLINK WiFi6 3601B1 WLAN Amplifier supports two main setup methods: WPS and Web Browser.

5.1. Method 1: WPS (Wi-Fi Protected Setup)

1. Plug the WLAN Amplifier into a power outlet near your main router. Wait for the Power LED to turn solid.
2. Press the WPS button on your main router.
3. Within two minutes, press the WPS button on the WLAN Amplifier.
4. The WPS LED on the amplifier will flash during the connection process and then turn solid when successfully connected.
5. Once connected, you can unplug the amplifier and relocate it to a suitable position within your home or office.

5.2. Method 2: Web Browser Setup

1. Plug the WLAN Amplifier into a power outlet.
2. Connect your computer or mobile device to the amplifier's default Wi-Fi network (e.g., "WONLINK_EXT" or similar, check the label on the device). No password is required initially.
3. Open a web browser (e.g., Chrome, Firefox) and enter the default IP address or domain name (e.g., **192.168.10.1** or **re.wonlink.com**) into the address bar.
4. Follow the on-screen instructions of the setup wizard. You will typically be asked to create an administrator password, select your desired operating mode (Repeater or AP), and configure network settings.
5. For Repeater Mode, select your main Wi-Fi network from the list and enter its password. The amplifier will then extend this network.
6. For AP Mode, connect an Ethernet cable from your main router to the amplifier's LAN/WAN port. The amplifier will then create a new Wi-Fi network.
7. After configuration, the amplifier will restart. You can then connect your devices to the new extended or access point network.

6. OPERATING MODES

The WONLINK WiFi6 3601B1 supports two primary operating modes:

6.1. Repeater Mode

In Repeater Mode, the amplifier wirelessly connects to your existing router's Wi-Fi network and extends its coverage. This mode is ideal for eliminating Wi-Fi dead zones and improving signal strength in areas with weak coverage. The extended network will typically have the same name as your main network with "_EXT" appended (e.g., "MyHomeWiFi_EXT").

6.2. AP (Access Point) Mode

In AP Mode, the amplifier connects to your router via an Ethernet cable and broadcasts a new wireless network. This mode is suitable for converting a wired network connection into a wireless one, providing Wi-Fi access in areas where only wired connections are available.

7. OPERATING INSTRUCTIONS

Once the amplifier is set up in your desired mode, you can connect your wireless devices to the extended or new Wi-Fi network. The network name (SSID) and password will be the ones you configured during the setup process.

- **Connecting Devices:** On your smartphone, tablet, or computer, search for available Wi-Fi networks. Select the SSID of your extended or AP network and enter the password.
- **Optimal Placement:** For best performance in Repeater Mode, place the amplifier halfway between your router and the area where you need improved Wi-Fi coverage. Ensure it receives a good signal from your main router.

8. MAINTENANCE

- **Firmware Updates:** Periodically check the WONLINK official website for firmware updates. Updating the firmware can improve performance, add new features, and fix bugs. Follow the instructions provided on the website for safe updating.
- **Cleaning:** Clean the device with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Resetting:** If the device is not functioning correctly, you can perform a factory reset by pressing and holding the Reset button for 5-8 seconds while the device is powered on. This will erase all custom settings, and you will need to reconfigure the device.

9. TROUBLESHOOTING

If you encounter issues with your WLAN Amplifier, refer to the following common problems and solutions:

- **No Power:** Ensure the amplifier is securely plugged into a working power outlet. Check the Power LED.
- **Cannot Connect to the Amplifier's Wi-Fi:**
 - Verify that the amplifier is powered on and the WiFi LED is active.
 - Ensure you are selecting the correct network name (SSID) and entering the correct password.
 - Try restarting the amplifier and your connecting device.
- **No Internet Access After Connecting:**
 - In Repeater Mode, ensure the amplifier is receiving a strong signal from your main router. Relocate the amplifier closer to the router if necessary.
 - Verify that your main router has an active internet connection.
 - Reconfigure the amplifier via the web browser setup to ensure it is correctly connected to your main network.
- **Slow Connection Speed:**
 - Relocate the amplifier to an optimal position, ideally halfway between your router and the desired coverage area, avoiding obstacles.
 - Check for potential interference from other electronic devices (e.g., microwaves, cordless phones).
 - Ensure your main router is also performing optimally.
- **WPS Connection Failed:**
 - Ensure your router supports WPS and that the WPS function is enabled.
 - Try the WPS process again, ensuring you press the buttons within the specified timeframe.
 - If WPS continues to fail, use the web browser setup method.

10. SPECIFICATIONS

| Feature | Specification |
|----------------------|---|
| Brand | WONLINK |
| Model | 3601B1 |
| Data Transfer Rate | Up to 1500 Mbps |
| Wireless Standard | 802.11ax (WiFi6) |
| Frequency Bands | 2.4 GHz, 5 GHz |
| Compatible Devices | Mobile phones, computers, smart TVs, printers, webcams, gaming consoles, etc. |
| Dimensions (Package) | 16.6 x 10.6 x 9.5 cm |
| Weight (Item) | 340 g |
| Operating Modes | Repeater, Access Point (AP) |
| Security | WPA-PSK/WPA2-PSK, WPA/WPA2 |

11. WARRANTY INFORMATION

WONLINK products are covered by a limited warranty from the date of purchase. The warranty covers defects in materials and workmanship under normal use. This warranty does not cover damage caused by accident, misuse, abuse, unauthorized modification, or external causes. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the official WONLINK website or contact customer support.

12. TECHNICAL SUPPORT

If you require further assistance or have questions not covered in this manual, please visit the official WONLINK website for FAQs, troubleshooting guides, and contact information for technical support. Our support team is available to help you with any product-related inquiries.

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