

WONLINK 3503 GBYC-1

WONLINK WiFi Amplifier Model 3503 GBYC-1 User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your WONLINK WiFi Amplifier Model 3503 GBYC-1. Please read this manual thoroughly before using the device to ensure proper setup and optimal performance. This WiFi amplifier is designed to extend the coverage of your existing wireless network, eliminating dead zones and improving signal strength.

2. PACKAGE CONTENTS

- 1 x WONLINK WiFi Amplifier Model 3503 GBYC-1
- 1 x Quick Installation Guide (not included in this digital manual)

3. PRODUCT OVERVIEW

The WONLINK WiFi Amplifier 3503 GBYC-1 is a compact device designed to boost your wireless signal. It features multiple external antennas for enhanced signal reception and transmission, ensuring a stable and fast connection across a wider area.





Figure 3.1: Front view of the WONLINK WiFi Amplifier 3503 GBYC-1. This image shows the device with its four external antennas extended, the 'WONLINK' logo, and a single blue LED indicator light on the front panel.

4. SETUP INSTRUCTIONS

4.1. Powering On

1. Plug the WONLINK WiFi Amplifier into a power outlet near your existing router.
2. Wait for the indicator light to turn on, typically blue, indicating the device is powered and ready for

setup.

4.2. Connecting to the Amplifier

You can connect to the amplifier using a wireless device (smartphone, laptop) or an Ethernet cable.

Wireless Connection:

1. On your wireless device, search for available Wi-Fi networks.
2. Connect to the amplifier's default network name (SSID), which is usually labeled 'WONLINK_XXXX' or similar, without a password.

Wired Connection:

1. Connect an Ethernet cable from your computer to the LAN port on the amplifier.

4.3. Configuration via Web Browser

1. Open a web browser (e.g., Chrome, Firefox) and enter the default IP address or domain name provided in the quick installation guide (commonly 192.168.1.1 or repeater.net).
2. Log in using the default username and password (often 'admin' for both).
3. Follow the on-screen wizard to select your desired operating mode (Repeater Mode or AP Mode).
4. If selecting Repeater Mode, choose your existing Wi-Fi network from the list and enter its password.
5. Set a new SSID and password for the extended network, or keep the same as your main network.
6. Save the settings. The amplifier will restart.

4.4. Optimal Placement

After configuration, unplug the amplifier and move it to a location halfway between your router and the Wi-Fi dead zone. Ensure the indicator light shows a strong signal from your main router for best performance.

5. OPERATING INSTRUCTIONS

5.1. Indicator Light Status

- **Solid Blue:** The amplifier is powered on and connected to the network with good signal strength.
- **Flashing Blue:** The amplifier is attempting to connect or has a weak signal.
- **Off:** The amplifier is not powered on or is not functioning.

5.2. Operating Modes

- **Repeater Mode:** Extends the range of an existing wireless network.
- **AP (Access Point) Mode:** Converts a wired network connection into a wireless access point.

6. MAINTENANCE

6.1. Firmware Updates

Periodically check the WONLINK official website for firmware updates. Keeping your device's firmware up-to-date ensures optimal performance, security, and compatibility.

6.2. Cleaning

Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols, as they may damage the amplifier.

6.3. Factory Reset

If you encounter persistent issues or forget your login credentials, you can perform a factory reset. Locate the reset button (usually a small pinhole) on the device, press and hold it for approximately 5-10 seconds until the indicator lights flash, then release. The device will revert to its factory default settings.

7. TROUBLESHOOTING

- **No Internet Access:**
 - Ensure the amplifier is properly configured and connected to your main router.
 - Verify that your main router has an active internet connection.
 - Try restarting both the amplifier and your main router.
- **Weak Signal or Slow Speed:**
 - Relocate the amplifier closer to your main router, ensuring it is still within the desired coverage area.
 - Avoid placing the amplifier near large metal objects, concrete walls, or other electronic devices that may cause interference.
 - Check for firmware updates.
- **Cannot Access Web Management Page:**
 - Ensure your device is connected to the amplifier's network (either wirelessly or via Ethernet).
 - Verify the IP address or domain name entered in the browser is correct.
 - Clear your browser's cache or try a different browser.
 - Perform a factory reset if necessary.

8. SPECIFICATIONS

Brand	WONLINK
Model	3503 GBYC-1
Color	White
Wireless Standard	802.11ac
Frequency Band Class	Dual Band
Data Transfer Rate	1200 Megabits per second
Special Feature	WiFi Amplifier
Compatible Devices	Smartphone, and other Wi-Fi enabled devices
Components Included	1 x Powerful WiFi Repeater

9. WARRANTY AND SUPPORT

9.1. Manufacturer's Warranty

The WONLINK WiFi Amplifier Model 3503 GBYC-1 comes with a 1-year manufacturer's warranty from the

date of purchase. This warranty covers defects in materials and workmanship under normal use.

9.2. Spare Parts Availability

Spare parts for this product are guaranteed to be available for 2 years from the date of purchase.

9.3. Customer Support

For technical support, warranty claims, or further assistance, please contact WONLINK customer service through their official website or the retailer where the product was purchased. Please have your model number (3503 GBYC-1) and proof of purchase ready.