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**Bfhdbdt B0GKFYH2XK**

# Bfhdbdt 1200 Mbps Dual Band WiFi Repeater/Router/AP Mode Extender User Manual

Model: B0GKFYH2XK

Introduction Safety Information Package Contents Product Overview Setup Operating Modes Maintenance Troubleshooting Specifications Warranty & Support

## 1. Introduction

This manual provides detailed instructions for the installation, configuration, and operation of your Bfhdbdt 1200 Mbps Dual Band WiFi Repeater. This device is designed to extend the coverage of your existing wireless network, eliminate Wi-Fi dead zones, and provide a stable internet connection throughout your home or office. Please read this manual carefully before using the device to ensure proper setup and optimal performance.

## 2. Safety Information

- Do not expose the device to water, moisture, or extreme temperatures.
- Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.
- Ensure the device is plugged into a power outlet with the correct voltage.
- Keep the device away from heat sources and direct sunlight.
- Use only the power adapter supplied with the device.
- Place the device in a well-ventilated area to prevent overheating.

## 3. Package Contents

Verify that all items are present in your package:

- Bfhdbdt 1200 Mbps Dual Band WiFi Repeater (Amplificatore WiFi)
- User Manual (This document)
- Ethernet Cable (May be included, refer to product packaging)

## 4. Product Overview

The Bfhdbdt WiFi Repeater is a versatile device designed to enhance your wireless network. It features dual-band technology (2.4 GHz and 5 GHz) for stable and high-speed connections, 4 external antennas for extended coverage, and multiple operating modes (Repeater, AP, Router) to suit various networking needs. It also includes an Ethernet port for wired connections.




**Figure 4.1:** Overview of the Bfhdbdt WiFi Repeater and its key features, including stable chipsets, 1200 Mbit/s speed, 2.4GHz & 5GHz bands, 4 antennas, and easy setup.




**Figure 4.2:** The WiFi Repeater can be used in various environments such as dining rooms, homes, hotels, offices, and schools to provide extended internet access.

## Key Features:

- **360° Signal Coverage:** Equipped with 4x 3dBi rotatable high-gain antennas to extend Wi-Fi signal to hard-to-reach areas and eliminate dead zones.
- **Strong and Stable Dual-Band Signal:** Supports 1200 Mbps (900 Mbps on 5 GHz for high-speed, 300 Mbps on 2.4 GHz for longer range) for simultaneous independent WiFi broadcasts.
- **Secure Internet Environment:** Maximizes network security with WPA/WPA2 support, protecting your data and preventing unauthorized access.
- **Multifunctional Modes:** Offers Repeater, Access Point (AP), and Router modes for flexible network deployment.
- **Easy One-Click Setup:** Simple WPS button setup for quick connection to your existing router.
- **Broad Compatibility:** Compatible with 99.99% of wireless routers and supports up to 15 devices.

## 5. Setup

There are two primary methods for setting up your WiFi Repeater: using the WPS button for quick setup or through a web browser for manual configuration.

### 5.1. Quick Setup via WPS Button

1. **Power On:** Plug the WiFi Repeater into a power outlet near your main router. Wait for the Power LED to light up.
2. **Press WPS on Router:** Press the WPS button on your main wireless router. Refer to your router's manual for the exact location of the WPS button.
3. **Press WPS on Repeater:** Within 2 minutes, press the WPS button on the WiFi Repeater. The Signal LED on the repeater will start blinking.
4. **Connection Confirmation:** Wait for the Signal LED on the repeater to turn solid, indicating a successful connection. This may take up to 60 seconds.
5. **Relocate Repeater:** Unplug the repeater and move it to a location halfway between your router and the Wi-Fi dead zone. Ensure the Signal LED remains solid to confirm good signal strength.




**Figure 5.1:** Illustration of the easy setup process using the WPS button on the repeater, highlighting the user-friendly interface.

## 5.2. Manual Setup via Web Browser

1. **Power On:** Plug the WiFi Repeater into a power outlet.
2. **Connect to Repeater's Wi-Fi:** On your computer or smartphone, connect to the repeater's default Wi-Fi network (e.g., "WiFi-Repeater" or similar, without a password).
3. **Access Web Interface:** Open a web browser and enter the default IP address (usually 192.168.1.254 or 192.168.10.1) or the default web address (e.g., "repeater.net") provided in the quick start guide.
4. **Login:** Enter the default username and password (usually "admin" for both).
5. **Select Operating Mode:** Choose your desired operating mode (Repeater, AP, or Router).
6. **Configure Settings:** Follow the on-screen instructions to configure the network settings for your chosen mode.
    - **Repeater Mode:** Select your existing Wi-Fi network, enter its password, and optionally change the repeater's SSID.
    - **AP Mode:** Connect an Ethernet cable from your router to the repeater's LAN/WAN port. Configure a new Wi-Fi

network name and password for the repeater.

- **Router Mode:** Connect the internet source (e.g., modem) to the repeater's LAN/WAN port. Configure PPPoE, Dynamic IP, or Static IP settings as required by your ISP, and set up your new Wi-Fi network.

7. **Apply Settings:** Save the settings and wait for the repeater to restart.
8. **Connect to New Network:** Connect your devices to the newly configured Wi-Fi network.

## 6. Operating Modes

The Bfhdbdt WiFi Repeater supports three main operating modes:

### 6.1. Repeater Mode (Range Extender)

In Repeater Mode, the device extends the coverage of your existing wireless network. It receives the Wi-Fi signal from your main router and re-broadcasts it, effectively expanding your network's range and eliminating dead zones. This mode is ideal for large homes or offices where the existing Wi-Fi signal is weak in certain areas.



**Figure 6.1:** Diagram illustrating the Repeater Mode, where the device extends the range of an existing WLAN network to connected devices like smartphones, tablets, and laptops.

## 6.2. Access Point (AP) Mode

In AP Mode, the device converts a wired internet connection into a wireless one. You connect an Ethernet cable from your router or modem to the repeater's LAN/WAN port, and the repeater then broadcasts a new Wi-Fi network. This mode is useful for adding wireless capability to a wired network or creating a new Wi-Fi hotspot.




**Figure 6.2:** Diagram showing the Access Point Mode, where the device uses an Ethernet connection to create a new wireless network, providing internet access to a family using various devices.

## 6.3. Router Mode

In Router Mode, the device functions as a primary router, creating a new private network. You connect your internet source (e.g., DSL/Cable modem) to the repeater's LAN/WAN port, and it then manages IP addresses and broadcasts a Wi-Fi network for all connected devices. This mode is suitable for small offices or homes that need a new router.

## 7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid or aerosol cleaners.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates to ensure optimal performance and security.
- **Placement:** Ensure the device is placed in a central location, away from obstructions and sources of interference (e.g., microwaves, cordless phones) for best signal coverage.
- **Restart:** If you experience network issues, try restarting the device by unplugging it from the power outlet for 10 seconds and then plugging it back in.

## 8. Troubleshooting

### 8.1. No Internet Access After Setup

- Ensure the repeater is successfully connected to your main router (solid Signal LED).
- Verify that your main router has an active internet connection.
- If in Repeater Mode, ensure you entered the correct Wi-Fi password for your main router during setup.
- Try restarting both your main router and the repeater.

### 8.2. Weak Signal or Frequent Disconnections

- Relocate the repeater closer to your main router. The ideal location is halfway between your router and the area with poor signal.
- Ensure there are no major physical obstructions (thick walls, metal objects) between the repeater and your devices, or between the repeater and the main router.
- Adjust the antennas on the repeater for optimal signal reception.
- Check for sources of interference (e.g., microwaves, cordless phones, Bluetooth devices) and move the repeater away from them.

### 8.3. Cannot Access Web Management Page

- Ensure your device is connected to the repeater's Wi-Fi network.
- Verify that you are using the correct IP address or web address (e.g., 192.168.1.254 or repeater.net).
- Clear your browser's cache and cookies, or try a different browser.
- Temporarily disable any VPN or firewall software on your computer.
- If all else fails, perform a factory reset on the repeater (usually by pressing and holding a reset button for 5-10 seconds) and reconfigure it.

## 9. Specifications

| Feature | Value |
| --- | --- |
| Brand | Bfhdbdt |
| Data Transfer Rate | 1200 Megabits per second |
| Special Features | Access Point Mode, One-touch setup, Rotatable Antenna, WPA/WPA2 Security |

| Feature | Value |
| --- | --- |
| Color | White |
| Included Components | WiFi Amplifier |
| Compatible Devices | Smartphone, Tablet, Laptop, Computer, Smart TV, Gaming Console, Printer, Security Camera |
| Supported Frequency Bands | 2.4 GHz, 5 GHz |
| Manufacturer | Bfhdbdt |
| ASIN | B0GKFYH2XK |
| GTIN/UPC | 763300914094 |




**Figure 9.1:** Illustration demonstrating the 1200 Mbit/s dual-band capability, showing 5.8GHz (867 Mbit/s) and 2.4GHz (300 Mbit/s) for various internet activities.




**Figure 9.2:** Image showcasing the broad compatibility of the WiFi Repeater with various devices, including smartphones, tablets, laptops, smart TVs, gaming consoles, and security cameras.

## 10. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your product packaging or visit the official Bfhdbdt website. Contact details for customer service are typically available on the manufacturer's website.

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