

KKH GT-300

KKH GT-300 WiFi Repeater Extender User Manual

Model: GT-300

1. INTRODUCTION

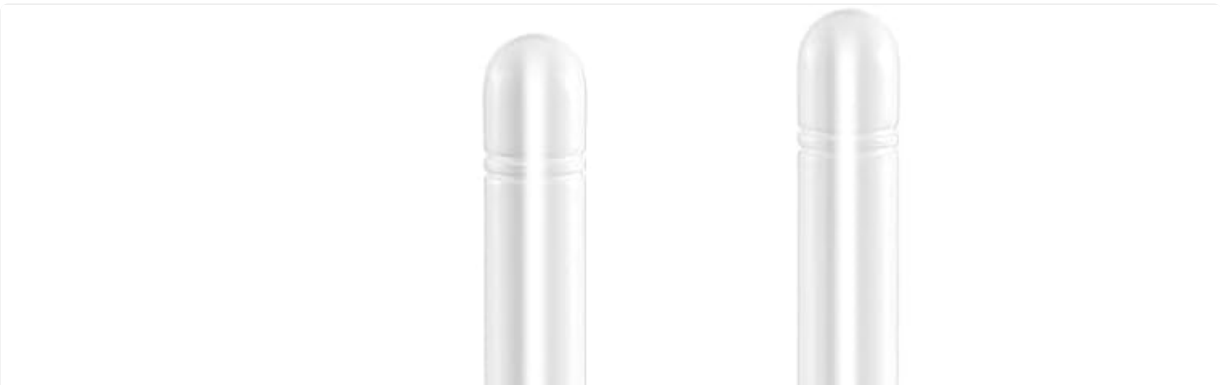
The KKH GT-300 WiFi Repeater Extender is designed to expand your existing wireless network coverage, eliminate Wi-Fi dead zones, and provide a stronger, more reliable signal throughout your home or office. It supports both Repeater Mode and AP Mode, offering versatile connectivity solutions. This manual provides detailed instructions for setup, operation, and maintenance of your device.

2. WHAT'S IN THE BOX

- WiFi Extender x 1
- Quick Installation Guide x 1
- Network Cable x 1

3. PRODUCT OVERVIEW AND FEATURES

The KKH GT-300 features four external antennas for enhanced signal strength and coverage, a Fast Ethernet port for wired connections, and multiple operating modes to suit various networking needs.





Front view of the KKH GT-300 WiFi Repeater Extender, showing its four adjustable antennas and indicator lights.

2025 PREMIUM WIFI EXTENDER



**WPS
Easy Pairing**



**LED
Indicators**



Multi-User



**Security
Protection**



**2 Modes
in1**



**Ethernet
Port**



Key features include WPS Easy Pairing, LED Indicators, Multi-User support, Security Protection, 2-in-1 Modes, and an Ethernet Port.

Super Security

Prevent unknown connections, secure your network privacy and security.

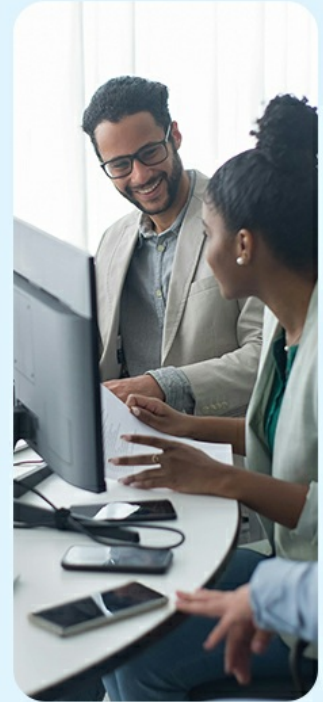


The device supports WPA/WPA2 encryption for advanced network security, preventing unauthorized access and protecting data.

Seamlessly Connect Up To

64+ Devices

Connect more, enjoy more



The KKH GT-300 can seamlessly connect up to 64 devices, providing extensive connectivity for various uses.

Key Features:

- **Extended WiFi Coverage:** Four external antennas ensure a stronger, more reliable WiFi signal up to 5000 sq ft.
- **Multiple Operating Modes:** Functions as both a WiFi Repeater and an Access Point (AP Mode).
- **Fast Ethernet Port:** Allows for reliable wired connections and can convert wired internet to wireless in AP mode.
- **Quick Setup:** Features One-Touch WPS for easy connection or simple smartphone setup.
- **Advanced Network Security:** WPA/WPA2 encryption protects your network and data.
- **High Speed:** Up to 300Mbps data transfer rate.

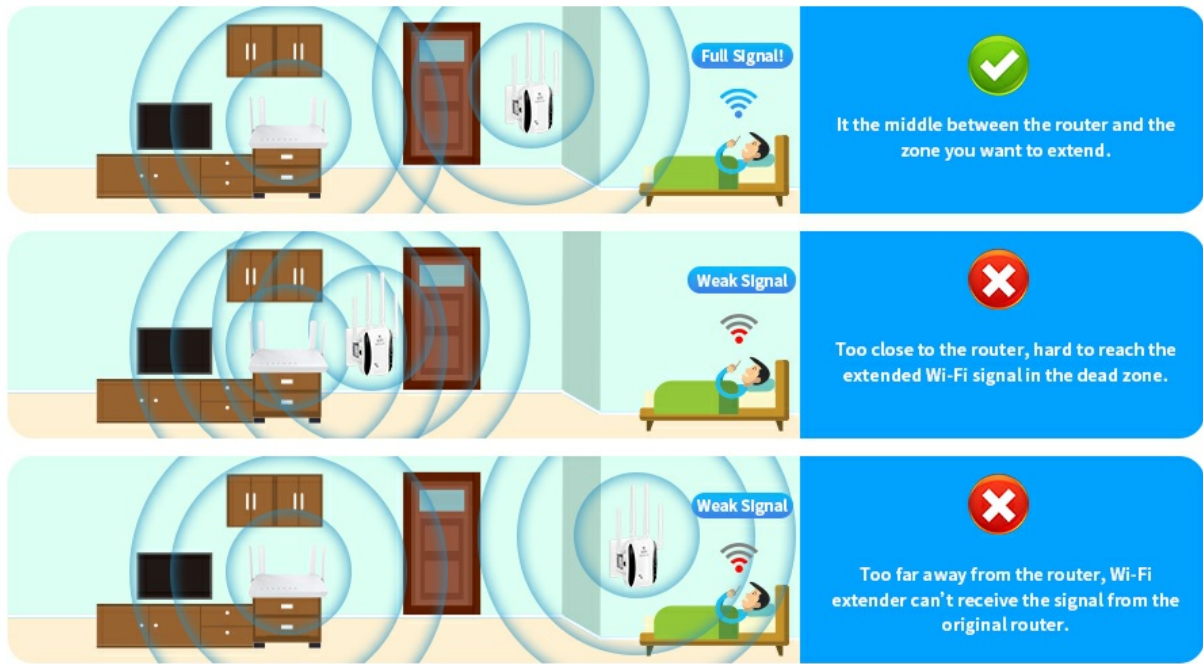
4. SETUP GUIDE

Follow these steps to set up your KKH GT-300 WiFi Repeater Extender.

4.1 Initial Placement

For optimal performance, place the extender in a location that is roughly halfway between your main router and the area where you need extended Wi-Fi coverage. Avoid placing it too close to the router (which might not extend the signal effectively) or too far (where it might not receive a strong enough signal from the original router).

Where to relocate the extender after setup?



Optimal placement for the extender is in the middle between your router and the Wi-Fi dead zone.

4.2 Setup via WPS (Recommended)

The easiest way to set up your extender is using the WPS (Wi-Fi Protected Setup) button.

1. Plug the KKH GT-300 extender into a power socket next to your router.
2. Wait until the Wireless LED on the extender starts flickering.
3. Press the WPS button on your main router.
4. Within 2 minutes, press the WPS button on the KKH GT-300 extender.
5. The extender will automatically connect to your router. Once connected, the Extension LED will light up solid, indicating a successful connection.

One Touch Connection



- 1 Press WPS button on extender and router.
- 2 Place the repeater in desired location.

Press the WPS button on both the router and the extender for a quick connection.

4.3 Manual Setup via Smartphone/Computer

If your router does not support WPS, or if you prefer manual configuration, follow these steps:

1. Plug the KKH GT-300 extender into a power socket near your router.
2. On your smartphone or computer, go to Wi-Fi settings and find the network named "KP300_xxxxxx" (where xxxxxx is part of the device's MAC address). Connect to this network.
3. Open a web browser (if it doesn't automatically redirect) and enter 192.168.18.1 in the address bar.
4. Tap "LOGIN" on the login page.
5. Select "Repeater Mode" from the options.
6. The extender will scan for available Wi-Fi networks. Select the wireless signal you wish to expand from the list.
7. Enter your original router's Wi-Fi password in the provided field. You can choose to keep the extended Wi-Fi name the same or have a new name created with "-plus" at the end.
8. Tap "NEXT" and then "Finish Settings" to complete the setup.
9. The device will reboot. Once complete, reselect and reconnect to your extender's new Wi-Fi network (e.g., "XXXXXX-plus"). The Extension LED on the extender will light up solid.

Easy Setup



Find and connect to "KP300_XXXXXX". Then it will automatically jump to setting page after connecting.



(If not, try to open a browser, enter "192.168.18.1" to continue.)
Tips: Keep connected to "KP300_XXXXXX"



Tap **LOGIN**.



Select **Repeater Mode**.



Select the wireless signal you want to expand. Enter your original router's password and connect. (if it's a hidden network, you need to add it manually.)



Original router's password.



Tap **Finish Settings** to complete setting. You will get a new wifi named "XXXXXX-plus".



Visual guide for manual setup using a smartphone, detailing connection to the extender's network, accessing the web interface, and configuring repeater mode.

4.4 Setup Video Tutorial

For a visual walkthrough of the setup process, please watch the official product video below:

Official KKH video demonstrating the setup process for the WiFi Repeater Extender, including appearance introduction, repeater mode setting, and AP mode setting.

5. OPERATING MODES

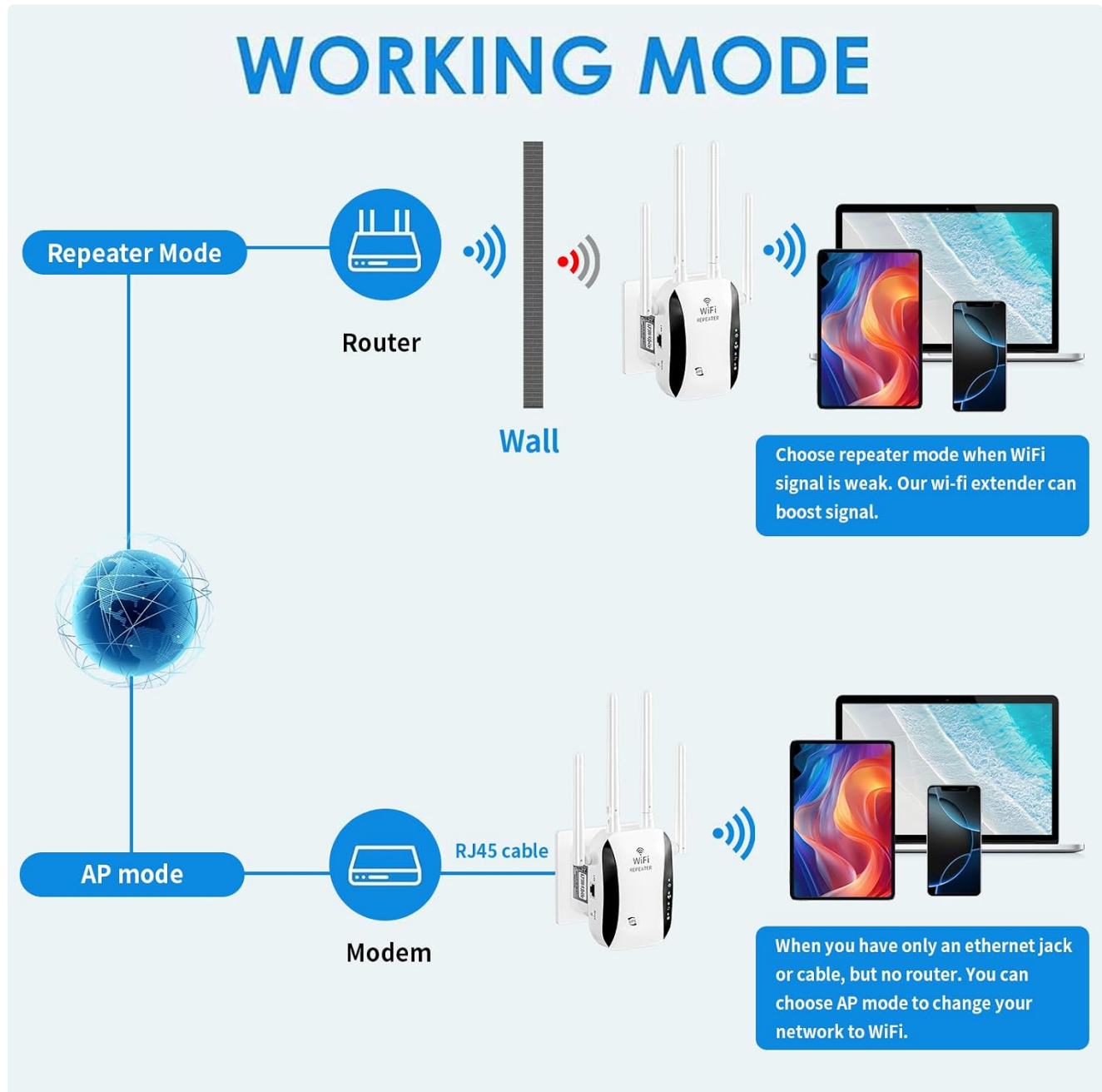
The KKH GT-300 supports two primary operating modes:

5.1 Repeater Mode

In Repeater Mode, the device extends the range of your existing Wi-Fi network. It receives the wireless signal from your main router and re-broadcasts it, effectively expanding coverage to areas with weak or no signal.

5.2 AP (Access Point) Mode

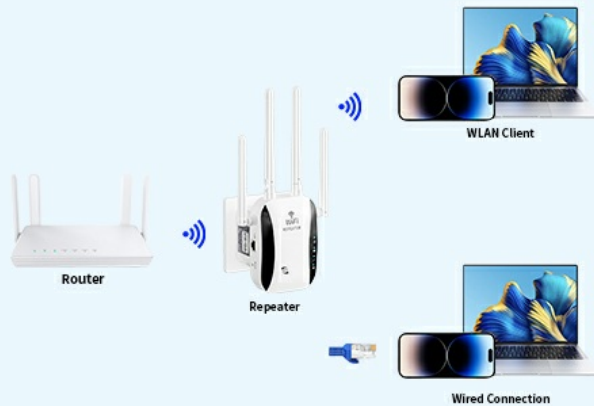
In AP Mode, the device converts a wired internet connection into a wireless network. This is useful if you have an Ethernet jack or cable but no router, allowing you to create a new Wi-Fi access point.



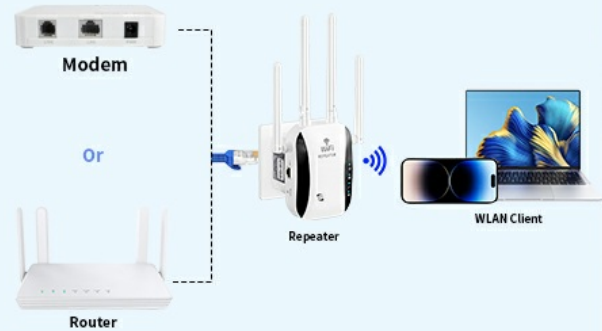
Visual representation of Repeater Mode (extending existing Wi-Fi) and AP Mode (converting wired to wireless).

2 Working Modes for Your Choice

Repeater Mode: Extend your existing WiFi coverage range



AP Mode: Convert wired network to wireless network



Detailed diagram explaining how Repeater Mode extends Wi-Fi from a router and how AP Mode creates Wi-Fi from a modem or router via an Ethernet cable.

6. MAINTENANCE

To ensure the longevity and optimal performance of your KKH GT-300 WiFi Repeater Extender, consider the following maintenance tips:

- **Keep it Ventilated:** Ensure the device is placed in an area with good airflow to prevent overheating.
- **Clean Regularly:** Gently wipe the exterior with a soft, dry cloth to remove dust. Do not use liquid cleaners.
- **Firmware Updates:** Check the manufacturer's website periodically for firmware updates. Updates can improve performance, add features, and enhance security.
- **Avoid Extreme Conditions:** Do not expose the device to extreme temperatures, humidity, or direct sunlight.
- **Power Cycle:** If you experience intermittent issues, try unplugging the extender from the power outlet for 10-15 seconds and then plugging it back in. This can often resolve minor glitches.

7. TROUBLESHOOTING

If you encounter issues with your KKH GT-300, refer to the following common problems and solutions:

- **No Internet Connection After Setup:**
 - Ensure the extender is placed within the range of your main router.
 - Verify that you entered the correct Wi-Fi password for your main router during setup.
 - Try power cycling both your main router and the extender.
 - If using Repeater Mode, ensure your main router has an active internet connection.

- **Weak Signal or Frequent Disconnections:**

- Relocate the extender to a more central position between your router and the desired coverage area.
- Check for physical obstructions (thick walls, large metal objects) that might interfere with the signal.
- Ensure the extender's antennas are properly oriented.
- Reduce the number of connected devices if experiencing slowdowns.

- **Cannot Access Setup Page (192.168.18.1):**

- Make sure your device (smartphone/computer) is connected to the extender's default Wi-Fi network (e.g., "KP300_XXXXXX").
- Clear your browser's cache and cookies, or try a different browser.
- Temporarily disable any VPN or firewall software on your device.

- **Forgot Extender's Wi-Fi Password:**

- If you chose to create a new Wi-Fi name with "-plus" at the end, the password is the same as your original router's password.
- If you changed the password during setup and forgot it, you will need to perform a factory reset.

- **Factory Reset:**

- With the extender powered on, use a paperclip or a thin object to press and hold the Reset button (usually a small pinhole) for about 8-10 seconds until the lights flash. The extender will then revert to its factory default settings, and you will need to set it up again.

8. SPECIFICATIONS

Attribute	Value
Product Dimensions	3 x 3.7 x 7.1 inches
Item Weight	2.9 ounces
Item Model Number	GT-300
Brand	KKH
Wireless Communication Standard	802.11bgn
Data Transfer Rate	300 Megabits Per Second
Frequency Band Class	Single-Band
Special Features	360° Full Coverage, Ethernet Port, Access Point Mode, 4 Antennas, LED Indicator
Manufacturer	KKH
Country of Origin	China

9. WARRANTY AND SUPPORT

Warranty information for your KKH GT-300 WiFi Repeater Extender is typically provided with the product packaging or on the manufacturer's official website. Please refer to these resources for details regarding warranty coverage and terms.

For technical support, troubleshooting assistance beyond this manual, or inquiries about product registration, please contact KKH customer support through their official channels. Contact information can usually be found on the product packaging or the KKH brand website.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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