



kogan Wireless AC Range Extender User Manual

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Attention

- Please handle this product with care and inspect it regularly to ensure it is in good working order.
- If the product, power supply cord or plug shows any signs of damage: stop use, unplug and contact [Kogan.com](https://www.kogan.com) support.

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Open Source Code

This product includes software codes developed by third parties. These software codes are subject to either the GNU General Public Licence (GPL), Version 2, June 1991 or the GNU Lesser General Public Licence (LGPL), Version 2.1, February 1999. You can copy, distribute and/or modify in accordance with the terms and conditions of GPL or LGPL.

Please refer to the GNU GPL Web site for further information. [Http://www.gnu.org/licenses/licenses.en.html](http://www.gnu.org/licenses/licenses.en.html).

Introduction

The wireless AC Range Extender is mainly used for providing free Wi-Fi service in big areas such as factories, community buildings, streets, homes etc.

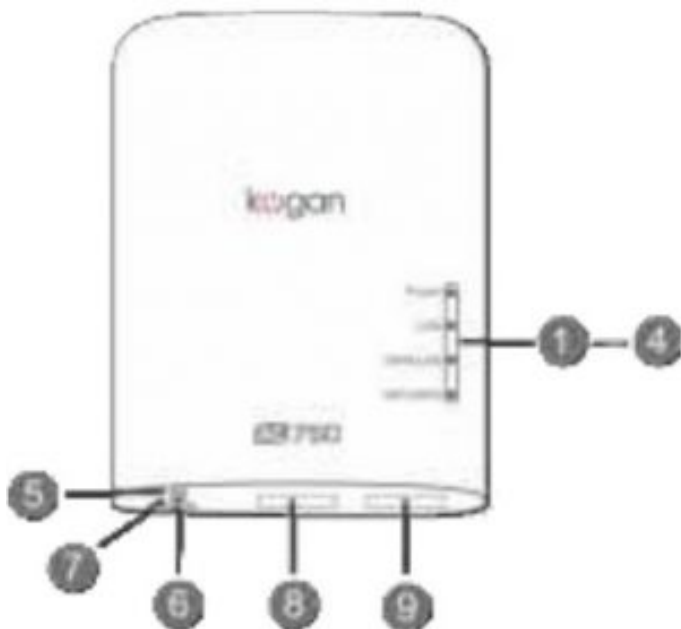
The AC range can take an existing 2.4GHz or 5GHz wireless signal, repeat and extend it to a longer range to a location that is too far away for a router or access point to reach. The AP/Router simultaneously supports 2.4G and 5G wireless network connections, and it can support 2.4G and 5G transmission speeds of up to 733Mbps. It has 3 x internal antennas providing even better wireless performance and transmission rates. Stability technology automatically avoids channel conflicts using its channel selection feature.

Package Contents

Before you start using this product, please check to ensure that nothing is missing from the packaging.

- 1 x Wi-Fi AP/Router
- 1 x RJ-45 Networking Cable

Hardware Overview



1. Power LED
2. LAN LED
3. WAN/LAN LED
4. WiFi/WPS LED
5. WPS Button
6. Mode Selector
7. Reset Button
8. LAN Port
9. WAN/LAN Port

Default Parameters

- **Default IP:** 192.168.10.1
- **2.4G SSID:** Wireless-N(2.4G)
- **URL:** <http://ap.setup>
- **5G/AC SSID:** Wireless-AC
- **Login Name:** admin
- **Wireless Key:** No

LED Indicators

POWER	<ul style="list-style-type: none"> • ON: The device is receiving power. • OFF: The device is not receiving electrical power.
LAN & LAN/WAN	<ul style="list-style-type: none"> • ON: The Ethernet Port is connected. • OFF: The Ethernet Port is disconnected. • Flashing: Transferring data to/from a network device.
WiFi/WPS	<ul style="list-style-type: none"> • FastFlashing: Wireless signal • Slow Flashing: WPS connection is established or WPS signal of another device is expected.

Getting Started

Setting Up Wireless Infrastructure Network

For a typical wireless setup at home, please do the following:

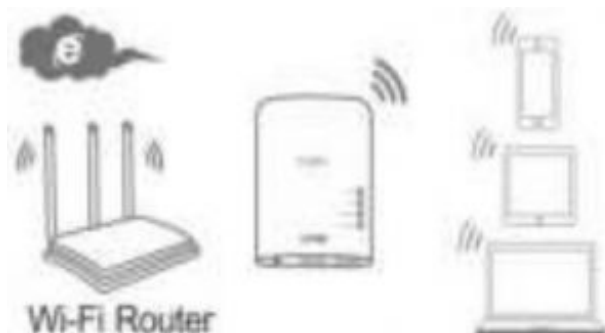
Wireless AP Mode



The AP/Router is connected to a wired network, then transforms the wired Internet access into wireless so that multiple devices can share the Internet.

This mode is fit for offices, homes and other locations where only wired networks are currently available.

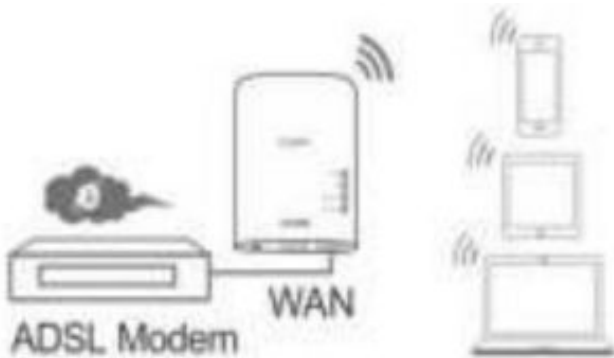
Wireless Repeater Mode



The AP/Router copies and reinforces the existing wireless signal to extend the coverage of the signal. Don't

change the network name (SSID) and password yet. This mode is especially useful for covering a large space to eliminate signal-blind corners, especially useful for large homes or warehouses.

Router Mode



The AP/Router is connected to a DSL or cable modem and works as a regular wireless router. This mode is suitable for environments in which Internet access from the DSL or cable modem is available for one user, however more users need access to the internet connection.

Configuring Wi-Fi Repeater Mode

This is the easiest way to configure the Wireless AC Range Extender. Firstly, check whether your wireless router supports WPS. For further details, please read the operating instructions for your wireless router.



1. The mode selector must be set to the "Wireless AC Range Extender" position for repeater mode.
2. Plug the Wireless AC Range Extender into a wall socket.
3. Press the WPS button on the Wireless AC Range Extender for at least 6 seconds. The WiFi/WPS LED should now flash for approximately 2 minutes.
4. Within these 2 minutes, press the WPS button of your Wireless AC Range Extender for 2~3 seconds. (For further details, please read the operating instructions for your wireless router)

The Wireless AC Range Extender will automatically connect to your wireless router and will copy the wireless key from the settings. The Wireless AC Range Extender can be accessed via the SSID and the wireless key of the wireless router.

You can configure the Wi-Fi Repeater Mode by connecting it with your computer/laptop with the enclosed RJ45 cable or wirelessly.

Configuring the Wi-Fi Repeater Mode Wirelessly

1. The mode selector must be set to the "Wireless AC Range Extender" position for Repeater Mode. Plug the Wireless AC Range Extender into a wall socket.
2. Click on the network icon (" " or " ") on the right bottom of your desktop. You will find the signal from the Wireless-

AC or Wireless-N(2.4G). Click on 'Connect', then wait for a few seconds.



3. Open a web browser and type <http://192.168.10.1> or <http://ap.setup> in your browser address box. This number is the default IP address for the device.



Note: please check whether the Wireless AC Range Extender accords with the factory default settings once you've entered <http://192.168.10.1>. If you are not sure, you can press the RESET button on the router for 8 seconds to clean all the settings back to default, then try again.

4. The login screen below will appear. Enter the User Name and Password, then click "Submit" to login. The default User name is "admin" and the Password is "**admin**".



5. After logging in, you will see the web page below. Click on the Repeater button in the wizard.



6. . From the list, select a wireless network with which you want to connect the Wireless AC Range Extender by choosing the corresponding network in the "**Select**" field.



7. After having selected a wireless network, you must then specify the network key of your wireless router as the Security key.



After completing the entry, click on the “apply” button.

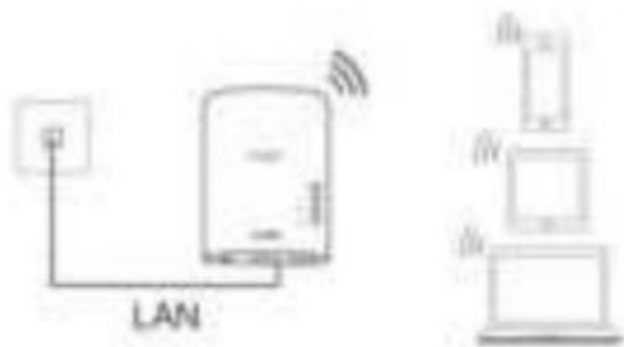
After the reboot has been completed, the Wireless AC Range Extender is accessible under the SSID and the Wireless key of your wireless router.

Configuring the Wi-Fi Repeater Mode with RJ45 Cable

1. Plug the Wireless AC Range Extender into a wall socket. Connect your computer/laptop to the AP/Router using the RJ45 Cable.
2. Follow processes 3 to 7 of the previous section.

Configuring the Wireless AP Mode

Using the AP Mode to obtain a “Wireless Access Point”. The wireless end devices will connect to the Wireless AC Range Extender in this mode. You can also use this mode, for example, to make a formerly non-wireless enabled router wireless enabled.



1. The mode selector must be set to the “Wireless AC Range Extender” position for AP mode.
2. Plug the Wireless AC Range Extender into a wall socket.
3. Follow processes 2 to 4 from the previous configuration instructions.
4. After logging in, you will see the web page below. Click on the AP button in the wizard.




5. The following message will be displayed on your browser.



SSID	Wireless SSID of the Wireless AC Range Extender.
Security Type	Setup the wireless security and encryption to prevent unauthorized access and monitoring. Supports 64/128-bit WEP, WPA, WPA2, WPA/WPA2 encryption methods.
Security Key	The “Password” of the Wireless AC Range Extender.

Click the ‘**Apply**’ button, then the Wireless AC Range Extender will restart. After the reboot has completed, the Wireless AC Range Extender is accessible under the SSID and the Wireless Key.

Documents / Resources

	kogan Wireless AC Range Extender [pdf] User Manual Wireless AC Range Extender, KARPRWL11ACA
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References

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