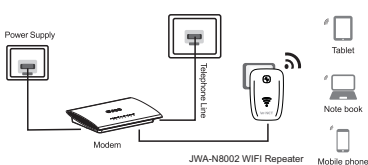


**Intelligent Wireless Router**

**JWA-N8002**

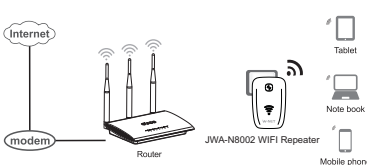


**1. Router+Ap operating mode**



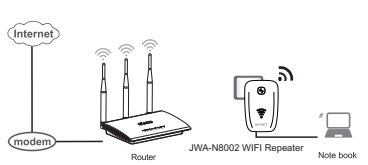
The ethernet port of JWA-N8002 works as a Wan port, connecting it to ADSL Modem by network cable, Computer need to be wirelessly connected to the JWA-N8002 Shared access to the Internet. And the IP address and DNS can be set by automatically get the address. The Network SSID: W-NET Application environment:home, apartment, hotel, etc...

**2. Repeater operating mode**



The repeater operating mode is used for extending the coverage of the existing wifi signal produced by the AP or Wireless router. The JWA-N8002 can be connected wired or wirelessly to the computer. The IP address and DNS need to be set based on the requirement of the former wireless router. Application environment:Villa, multiple building, large place, etc...

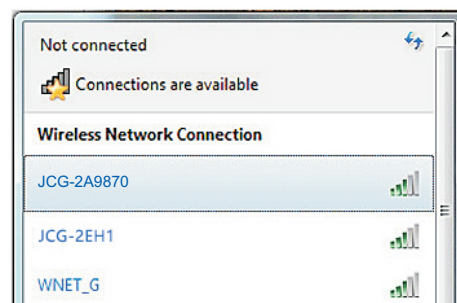
**3. Router +Client operating mode**



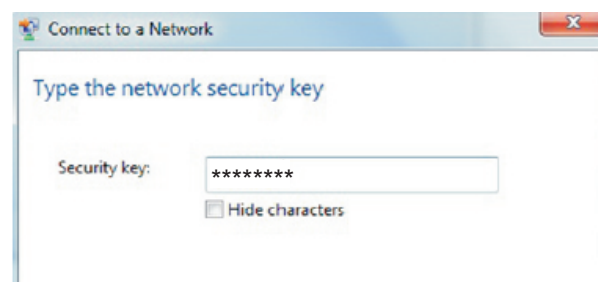
In this mode, JWA-N8002 works as a wireless adapter, can be used for connecting the wifi hotspot. You just need to press the WPS button on both JWA-N8002 and the wifi hotspot device together, then you can quickly build a wireless connection to the Internet, Application environment : The network equipment which need to be connected to the internet wirelessly, such as the network media player, IPTV, etc...

**1. Build wireless connection**

1) Click wireless network connection icon on your PC or phone, find the SSID of your JCG device, and click "connect"



2) Enter the network security key, and click "OK" to connect it with your PC or Smart Phone.



Please be noted: the default SSID and security key (\*\*\*\*\*) are printed on the label on the back of the product.

**2. Quick Installation**

**2.1 - Option 1: Quick Setup Using WPS Button**

If your Wireless router or AP supports WPS or QSS function, you can press the WPS or QSS button and then press the RANGE EXTENDER button to establish a secure connection between the Wireless router (or AP) and the Range Extender



The ideal location for your range extender is halfway between your wireless router and wireless devices.

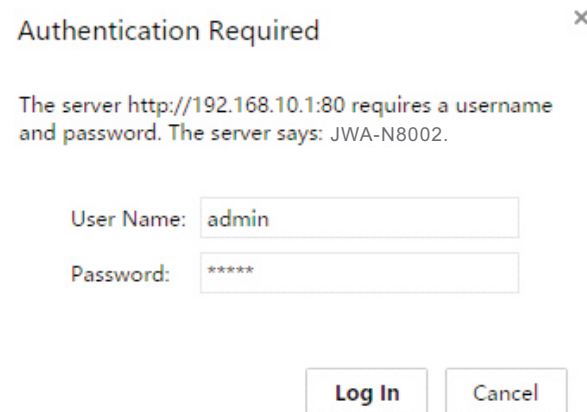
Please keep the range extender away from devices such as cordless phones, bluetooth devices and microwave ovens to minimize wireless interference.

If possible, try to place your range extender in spacious locations rather than in a tiny, crowded room.

**2.2 - Option 2: Setup Using Your Browser**

**2.2.1 Installation on PC/Mac:**

- 1) To find the repeater, open the browser and enter <http://192.168.10.1>
- 2) Put both username and password as "admin".



- 2) Choose the operating mode.

**1. Access Point Mode**

Set the SSID and password to connect with other hotspots.



**2. Router Mode**

Set the SSID and password.

Network Name (SSID): JCG-2A9870  
Key Value: \*\*\*\*\*

Choose the type of internet connection. Click "Save/Apply".



**3. Repeater/Client and Repeater/Client WISP Mode**



Set the SSID and Password

Auto. Configure LAN IP Address:   
Auto. Copy From Router:   
Network Name (SSID): JCG-2A9870  
Key Value: \*\*\*\*\*

(Optional) To reset the SSID and password, please untick the "Auto.Copy from Router", otherwise the repeater SSID will be shown as an .ext, extension of the router network.

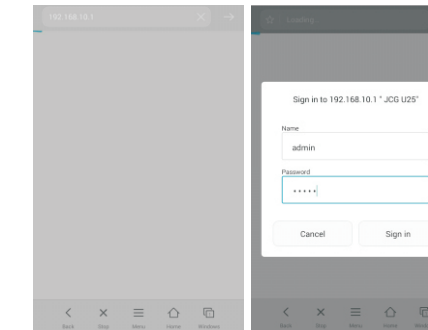
Choose the correct encryption type (WEP, WPA, WPA2) of the router network from "Auth. And Encryption", find the network, and enter the password of the router to connect.

Network Name (SSID): JCG-2A9870  
Key Value: \*\*\*\*\*  
Remote Network Name (SSID): JCG-26D230  
Auth. and Encryption: WPA2  
WPA2 Cipher Suite: TKIP  AES   
Pre-Shared Key Format: Passphrase  
Pre-Shared Key: xxxxxxxx

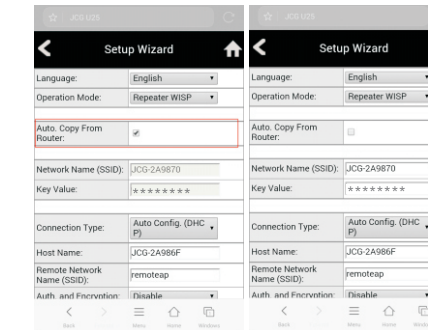
SSID	BSSID	Channel	Type	Auth. and Encryption	Signal	Select
JCG-26D230	04 5F A7 26 D2 30	8 (B-G/N)	AP	WPA-PSK/WPA2-PSK		<input checked="" type="checkbox"/>
JCG-32BEA8	04 5F A7 32 BE A8	6 (B-G/N)	AP	WPA-PSK/WPA2-PSK		<input type="checkbox"/>
Kinglong_Lee	00 E0 4C 29 78 F4	9 (B-G/N)	AP	WPA-PSK/WPA2-PSK		<input type="checkbox"/>
WNET-123	40 B2 20 A0 60 36	6 (B-G/N)	AP	WPA-PSK/WPA2-PSK		<input type="checkbox"/>
JCG-2EH1	04 5F A7 24 57 54	8 (B-G/N)	AP	WPA-PSK/WPA2-PSK		<input type="checkbox"/>

**2.2.2 Installation on Android / iOS:**

1) Connect to the Repeater network, open the browser and enter <http://192.168.10.1>, put both name and password as "admin"

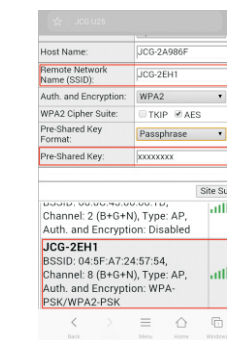
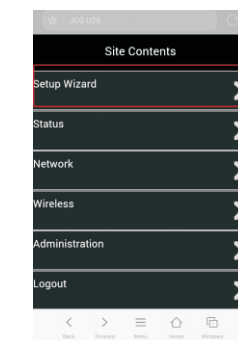


2) (Optional) To reset the SSID and password, please untick the "Auto.Copy from Router", otherwise the repeater SSID will be shown as an .ext, extension of the router network.



3) Choose "Setup Wizard"

4) Click "Site Survey", choose the network you want to connect to, put in the password and click "Save/Apply".



**3. Frequently Asked Questions (FAQ):**

Q1: What should I do if my router does not have a WPS button?  
A: Please follow instructions on option two - to set up using the browser.

Q2: How to Reset to defaults?  
A: While the power is still on, keep pressing the reset button on the right side of the product for 5 to 10 seconds, and it will restore to factory settings.

Q3: Why cannot I see the login page after entering <http://192.168.10.1> in the browser?  
A: Make sure your PC or phone is connected to the extender network and has disconnected from any other network. Also please make sure your PC or phone is set to **obtain an IP address automatically**.

Q4: My signal from the range extender is weak, and keeps dropping off.  
A: Please place the extender in a proper location, i.e. where a minimum of 3 router signal strength bar is shown (please check the signal strength of that specific location with your phone or PC)

## FCC Information and Copyright

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates,

uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference

to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does

cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is

encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.