Intelligent Wireless Router

JHR-N805R
JHR-N825R
JHR-N916R
JHR-N926R

Quick Installation Guide

VER: 0.0.1
About this Guide

Thank you for choosing JCG Wireless Broadband Router. As a cost-effective product, this Intelligent Wireless Router provides dedicated solution for small office, home and dormitory. It integrates a variety of wireless applications, such as wireless bridge model, AP model etc. It provides a wide range of data security protection; support WEP, WPA, and WPS Encryption method. It is the best option of surfing on the wireless Internet and enjoying the fun of the wireless Internet and satisfies your need to watch high-definition video.

The JCG Intelligent Wireless Router is easy to configure, even if you are not so familiar with the router. In order to better use all functions of this product, please read this guide carefully before you install the router.

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Quick Installation Guide

You should configure the Router correctly to ensure the normal use of the Router. This chapter describes how to configure the basic functions of the Wireless Router. We will show the detailed configuration in the next chapter.

1 Configuring windows XP of the PC

1. Configure the IP address

   Click the start menu, select network connect, show in figure 1-1

   Right-click the local connection as shown in figure 1-2, then select Properties will pop up figure 1-3 shown in the Network connection properties dialog box.
Double-click **Internet Protocol (TCP/IP)** will appear IP address page. If you choose to automatically receive the IP address and the DNS server address, the computer will be gain the IP address from the router (Show in figure 1-4). Of course, you can also choose manual-setting as shown in figure 1-5.

2. **Connect wireless network**

   The wireless network will be connected after finished configuring the network parameter. Select **View available wireless connection** as show in figure 1-2, your wireless network card will be in search of available network connection in current environment. Then the wireless network will be linked successfully by click link button.

   If the network is encrypted, password dialog box will pop up prompting you to enter key. Wireless N Router default network name(SSID) is JCG, select this network to connect the wireless router(show in figure 1-6).
Now, you can run the Ping command in the command prompt to verify the network connection between your PC and the router. If the result is similar to that show in figure 1-7, the connection between your PC and your router has been established.

If the link cannot be established, please check the hardware connection between your PC and the router is normal, IP address is correct.

1.2 Quick Installation Guide

Launch a Web browser (Internet Explorer 5.0 or higher) when the computer and the 150M Wireless Router are correctly connected, close the proxy browser. Then input http://192.168.1.1 into the browser address bar, press the Enter key, there will appear a login window as figure 1-8. Enter admin for the User Name and Password, both in lower case letters. Also you can modify the user name and the password to ensure the network security.

If the User Name and Password are correct, Router Management screen will appear, show in figure 1-9:
Click on **Quick Setup** the button, show in figure 2-10, the router supports five connection type to connect to Internet.

**Figure 2-10**

**Setup Wizard**

Thanks for choosing our router! JCG is a leader in IEEE 802.11 wireless product manufacturing. Our 802.11n wireless products provide a high performance and low cost solution to draft 802.11n applications. Our wireless AP is WiFi Certified and provides convenient wireless connectivity for computers and devices.

The Setup Wizard will guide you to do basic configuration before the router can be used. After a few steps, the router will be ready to use. You can continue with the advanced setup after the wizard if you are willing to use advanced features of the router. Click Next to continue.

Click on the **Next** button, show in figure 1-11,
If you use the **DHCP (Auto config)** connection, the router will receive the IP parameters from your ISP without needing to enter any parameter, show in figure 1-11
If you use the **STATIC(fixed IP)** connection, the Static IP settings page will appear, show in figure 1-12, enter the Static IP address, Subnet Mask, Default Gateway and DNS.
③ If you use the **PPPoE(ADSL)** connection, the PPPoE settings page will appear, show in figure 1-13, please enter the user name and the password provided by your ISP.

**WAN Setup**

WAN (Wide Area Network) allows you to choose different connection type that is suitable for your environment. And setup the parameters according to the connection type you’ve selected. Consult your network administrator or ISP if you are not sure about the connection type and responding parameters.

- **Connection Type**: PPPoE (ADSL)
- **User Name**: pppoe_user
- **Password**: ********
- **Confirm Password**: ********

**Static (Fixed IP)**: You need to setup the IP address, subnet mask and dns information, get them from your network administrator or ISP.

**DHCP (Auto Config)**: DHCP server will assign the IP address and other parameters and the router will be connected automatically.

**PPPoE (ADSL)**: You can connect the router to ADSL modem, and router will use the username and password to connect.

Click on the **Next** button, show in figure 1-14. This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point.

**Wireless Setup**

Wireless settings allows you to set SSID, radio working mode, and working channel etc. of the wireless network. Please go to “Wireless Settings” after finish the wizard if you want to use advanced features of wireless network.

- **Radio On**: On
- **Radio Mode**: 11b/g/n Mixed
- **SSID**: JCG-8165AC
- **Hide SSID**: Disable
- **BSSID**: 00:EF:4B:31:55:AC
- **Channel**: 11

Click on the **Next** button, show in figure 1-15
Now, Quick Installation Guide is complete.
FCC WARNING
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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CE Mark Warning
“Hereby, Shenzhen Yichen Technology Development Co., LTD declares that this Intelligent Wireless Router is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.”