

# Start Here

Please refer to the Reference Manual on your CD for instructions on advanced configuration options.

**Estimated Completion Time: 20 minutes.**

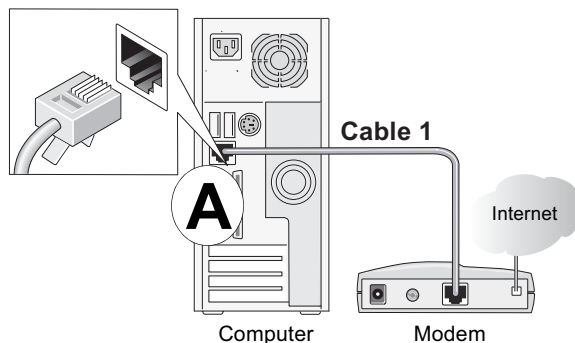
## Prepare to Install Your FWG114P v2

- *For Cable Modem Service:* When you set up the wireless firewall/print server, be sure to use the computer you first registered with your cable modem service provider.
- *For DSL Service:* You may need information such as the DSL login name and password in order to complete the wireless firewall/print server setup.

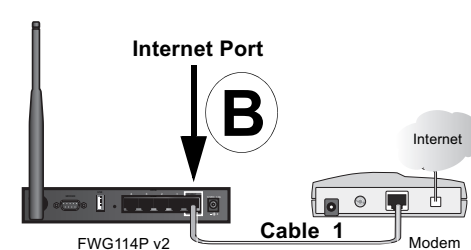
## First, Connect the FWG114P v2 to the Internet

### 1. Connect the wireless firewall/print server to your computer and modem

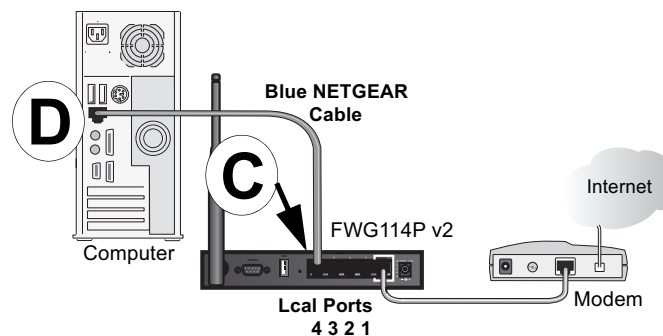
- Turn off *and* unplug your cable or DSL modem.
- Turn off your computer.
- At the computer end only, disconnect the Ethernet cable (point **A** in the illustration) that connects your computer to the cable or DSL modem.



- Securely insert the Ethernet cable from your modem into the FWG114P v2 Internet port (point **B** in the illustration).



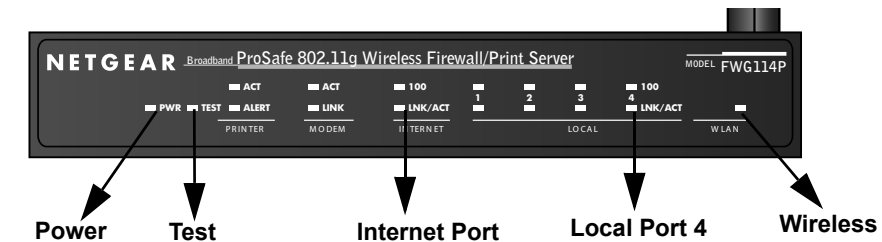
- Securely insert one end of the blue NETGEAR cable that came with your FWG114P v2 into a Local port on the router such as port 4 (point **C** in the illustration), and the other end into the Ethernet port of your computer (point **D** in the illustration).



### 2. Restart your network in the correct sequence

**Warning:** Failure to restart your network in the correct sequence could prevent you from connecting to the Internet.

- First, plug in and turn on the cable or DSL modem. Wait about 2 minutes.
- Now, plug in the power cord to your FWG114P v2 and wait about 30 seconds.
- Last, turn on your computer.  
**Note:** For DSL customers, if ISP provided software logs you in to the Internet, *do not* run that software. You may need to go to the Internet Explorer® Tools menu, Internet Options, Connections tab page where you can select the “Never dial a connection” radio button and click Apply.
- Check the status lights and verify the following:



- *Power:* The power light should be lit. If after 2 minutes the power light turns solid amber, see the Troubleshooting Tips in this guide.
- *Test:* The test light blinks when the FWG114P v2 is first turned on. If after 2 minutes it is still on, see the Troubleshooting Tips in this guide.
- *Internet:* The Internet light on the FWG114P v2 should be lit. If not, make sure the Ethernet cable is securely attached to the wireless firewall/print server Internet port and the powered on modem.
- *Wireless:* The WLAN light should be lit. If the Wireless light is not lit, see the Troubleshooting Tips in this guide.
- *LOCAL:* A LOCAL light should be lit.

### 3. Log in to the wireless firewall/print server

- On the computer connected to the FWG114P v2, open a browser such as Internet Explorer or Netscape® Navigator.
- Type **http://192.168.0.1** in your browser and click **Enter**.

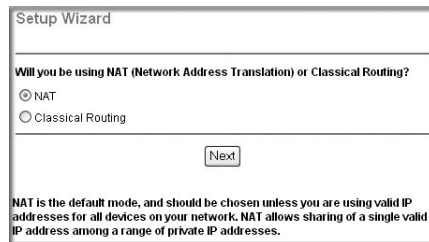


If you did not connect to the router, verify that your computer is set up for DHCP. For help with this, please see the animated tutorials on the CD or Appendix C of the *Reference Manual*.

- When prompted, enter **admin** for the router user name and **password** for the router password, both in lower case letters.
- After logging in, you will see the Setup Wizard on the FWG114P v2 settings main page.

#### 4. Run the Setup Wizard to connect to the Internet

You are now connected to the router. If you do not see this menu, click the Setup Wizard link on the upper left of the FWG114P v2 main menu.



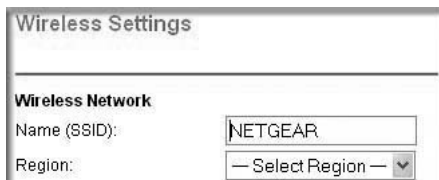
- Choose NAT or Classical Routing. Typically, NAT is used. NAT automatically assigns private IP addresses (192.168.0.x) to LAN connected devices. Classical routing lets you directly manage the IP addresses the FWG114P v2 uses.
- Click **Next** to proceed. Input your ISP settings, as needed.
- At the end of the Setup Wizard, click the **Test** button to verify your Internet connection and register your product. If you have trouble connecting to the Internet, use the Troubleshooting Tips below.

You are now connected to the Internet!

### Now, Set Up Basic Wireless Connectivity

#### 1. Configure the FWG114P v2 Wireless Settings

- If you are not already logged in the the FWG114P v2, type **http://192.168.0.1** in your browser and click **Enter**.
- When prompted, type **admin** for the user name and **password** for the password, both in lower case letters.
- Click **Wireless Settings** in the FWG114P v2 main configuration menu. Select a Region. Do not change the other settings. Click **Apply**.



#### 2. Configure the computer's Wireless Adapter Settings

Configure the wireless adapter of your computer to match these settings exactly.

WIRELESS FEATURE	DEFAULT SETTING
Network Name (SSID)	<b>NETGEAR</b>
WEP/WPA Security	<b>Disabled</b>

**Warning:** The Network Name (SSID) is case sensitive. Entering nETgear will not work.

#### 3. Verify Wireless Connectivity

Verify wireless connectivity. Connect to the Internet or log in to the FWG114P v2 from a computer with a wireless adapter. For wireless connectivity problems, see the Troubleshooting Tips below or in the *Reference Manual* on the CD.

You are now wirelessly connected to the Internet! Implement wireless security according to the instructions in the Wireless chapter of the *Reference Manual* on the CD.

### What About VPN and the Print Server?

For information on how to set up a printer on the USB port of the FWG114P v2 with its built-in print server or setting up VPN using the VPN Wizard, please refer to the *Reference Manual* on the CD.

### Troubleshooting Tips

Here are some tips for correcting simple problems you may have.

#### **Be sure to restart your network in the correct sequence.**

Always follow this sequence: 1) Unplug and turn off the modem, FWG114P v2, and computer; 2) plug in and turn on the modem, wait two minutes; 3) plug in the FWG114P v2 and wait 30 seconds; 4) turn on the computer.

#### **Make sure the Ethernet cables are securely plugged in.**

- For each powered on computer connected to the wireless firewall/print server with a securely plugged in Ethernet cable, the corresponding wireless firewall/print server LAN port status light will be lit. The label on the bottom of the wireless firewall/print server identifies the number of each LAN port.
- The Internet port status light on the wireless firewall/print server will be lit if the Ethernet cable from the FWG114P v2 to the modem is plugged in securely and the modem and wireless firewall/print server are turned on.

#### **Make sure the computer & router wireless settings match exactly.**

The Wireless Network Name (SSID) and security settings (WEP/WPA, MAC access control list) of the FWG114P v2 and wireless computer must match exactly.

#### **Make sure the network settings of the computer are correct.**

- LAN and wirelessly connected computers *must* be configured to obtain an IP address automatically via DHCP. For help with this, please see the animated tutorials on the CD or the *Reference Manual* Appendix C on the CD.
- Some cable modem ISPs require you to use the MAC address of the computer registered on the account. If so, in the Router MAC Address section of the Basic Settings menu, select, "Use this Computer's MAC Address." The router will then capture and use the MAC address of the computer that you are now using. You must be using the computer that is registered with the ISP. Click **Apply** to save your settings. Restart the network in the correct sequence.

#### **Check the router status lights to verify correct router operation.**

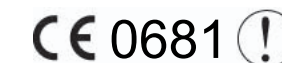
- If the Power light does not turn solid green within 2 minutes after turning the router on, reset the router according to the instructions in the *Reference Manual* on the CD.
- If the Wireless light does not come on, verify that the wireless feature is turned on according to the instructions in the *Reference Manual* on the CD.

### Technical Support

Thank you for selecting NETGEAR products.

To register your product, go to: <http://www.NETGEAR.com/register>

Go to <http://www.NETGEAR.com/support> for support information.



**Attention:** When you configure the wireless settings of this device please make sure to select the correct country settings. Due to EU law, the country settings must be identical to the country where

the device is operating (important due to non-harmonized frequencies in the EU) Restrictions: European standards dictate maximum radiated transmit power of 100 mW EIRP and frequency range of 2.400 ~ 2.4835 GHz. In France, the equipment must be restricted to indoor use.

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