

NETCOMM VELOCITY™ SERIES

Wireless N Extender

NetComm



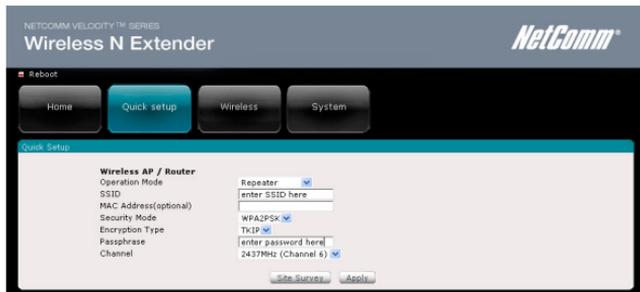
1

Use as a Wireless Repeater



To use the NP124 as a wireless repeater, you must have an existing wireless network.

1. To initially setup the product, we recommend you plug the NP124 into a power socket near both your existing router and a computer.
2. Plug the supplied Ethernet cable into your NP124 and connect the other end to the computer
3. You can connect your devices through the web user interface. Open a web browser (Internet Explorer, Firefox, Safari etc) and type **192.168.20.1** into the address bar and hit **Enter/Return**.
4. When prompted enter the **username/password** as **admin/admin**.
5. Navigate to the **Quick Setup** icon and select the Operation Mode as **Repeater**.



6. You have the option of entering the wireless settings of your existing wireless network manually or using the Site Survey to select the wireless network
 - When using the Site Survey, click **Connect** on the SSID you wish to connect to. When prompted, enter the relevant Passphrase.
7. Once complete click on **Apply**. You can check the connection status by clicking on the **Home** tab
8. Once connected you can move your NP124 to a more convenient location where it will be able to take the existing wireless signal and redistribute it to locations where it was previously inaccessible. There is no specified place for this and trial and error may need to be exercised

2

Use as a Wireless Access Point

Default SSID: NetCommWireless

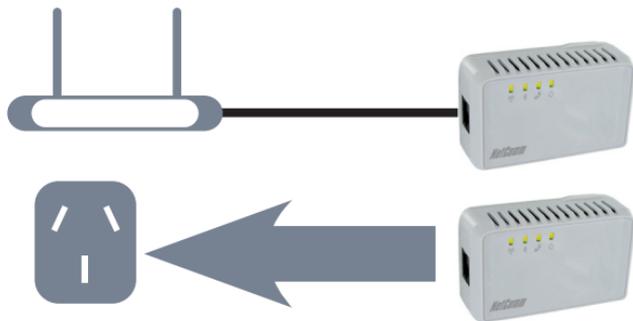
Default Security Passphrase: a1b2c3d4e5



To use the NP124 as a wireless access point, you must have a current and active Internet connection.

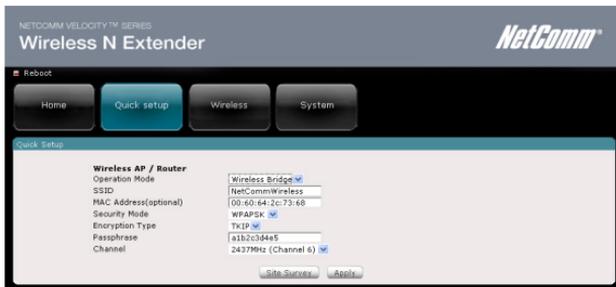
1. Plug the NP124 into a power point near your modem/router and connect the supplied Ethernet cable between the two.
2. The NP124 will automatically detect your Internet settings and begin transmitting a wireless signal.
3. Simply connect wirelessly using the default SSID and security passphrase.
4. You can change the wireless default settings on the **Quick Setup** section of the web user interface. Access this section as previously described and select Access Point as the **Operation Mode**.

3 Use as a Wireless Bridge



To use the NP124 as a Wireless Bridge, you must have an existing wireless network and active Internet connection.

1. To initially setup the product, we recommend you plug the NP124 into a power socket near both your existing router and a computer.
2. Plug the supplied Ethernet cable into your NP124
3. Open web browser (Internet Explorer, Firefox, Safari etc, and type **192.168.20.1** into the address bar and hit **Enter/Return**.
4. When prompted enter **username/password** as **admin/admin**
5. Navigate to the **Quick Setup** icon and select the Operation Mode as **Wireless Bridge**



6. You have the option of entering the wireless setting of your existing wireless network manually or using the site survey to select the wireless network
 - When entering the setting manually, ensure you enter the correct SSID, security mode, security passphrase and wireless channel.
 - When using the Site Survey, select from the list of available wireless networks and click Connect on the one you wish to connect to. When prompted, enter the relevant Passphrase.
7. Once complete click on **Apply**. You can check the connection status by clicking on the Home tab



8. Once connected you can move your NP124 to a more convenient location where it will be able to take the existing wireless signal and redistribute it to locations where it was previously inaccessible. There is no specified place for this and trial and error may need to be exercised

NOTE: If you connect in wireless bridge mode, only the wired LAN connection will be active. The wireless function will be disabled. This function is mainly suited to gaming or multimedia applications

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Establishing Wireless Connection



You can connect multiple wireless devices, including laptops, desktops and PDA's to your NP124 by following these two basic steps.

1. Using your wireless device, scan the wireless networks in your area.
2. If operating as a wireless repeater the SSID and security key will be the same as your existing wireless network
3. If operating as an access point, select the network called **NetCommWireless**, then click connect.

NOTE: If you changed the wireless network name during set-up, select the new name

4. Enter the following default security key: **a1b2c3d4e5**

NOTE: If you changed the wireless security password during set-up, you will have to use the new password. To ensure wireless security, we recommend that you change the default settings through the web Interface.

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Troubleshooting



What Is This Product Set To Operate As By Default?

- Out of the box, the NP124 is set to operate as a wireless access point

Cannot establish a wireless connection

- Make sure the wireless switch on your laptop is in the on position
- Ensure your NP124 and wireless client are using the same wireless security settings

Changing the operation mode

- To change the operation mode of your NP124 between access point, wireless repeater or wireless bridge, use the web user interface as described in the setup steps previously



For more help or further information on all advanced settings, please consult the user guide which can be found on the NetComm website.

Please visit www.netcomm.com.au and navigate to the **NP124 Wireless N Extender** product page.