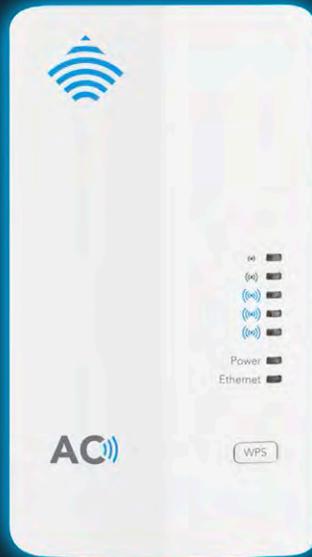




# AC750 WiFi Extender



# WELCOME

Thank you for choosing a NetComm Wireless NP127 AC750 WiFi Extender. This guide will help you set up, connect and configure your device quickly and easily.

## PACKAGE CONTENTS

The NP127 package includes:

- 1 x NetComm Wireless NP127 Dual AC750 WiFi Extender
- 1 x Quick start guide
- 1 x 1.5m RJ-45 Ethernet cable
- 1 x WiFi security card
- 1 x Warranty card



NP127 Dual AC750  
WiFi Extender



1.5m RJ-45  
Ethernet cable

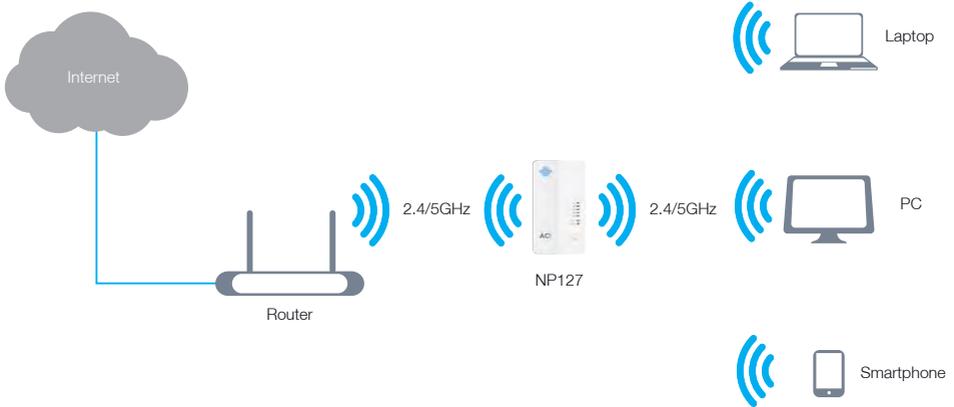


WiFi security card

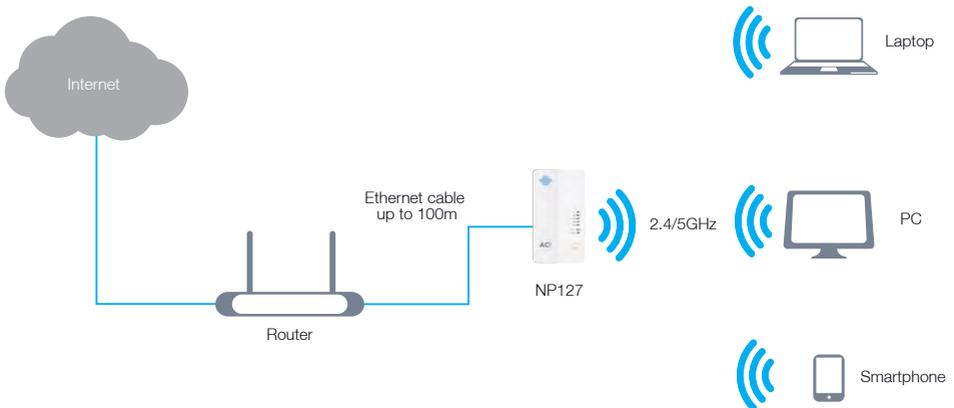
# HOW IT WORKS

The NP127 has two modes of operation:

1. Repeater mode (default) – the NP127 repeats the wireless signal of your existing network to provide coverage to a greater area of your premises



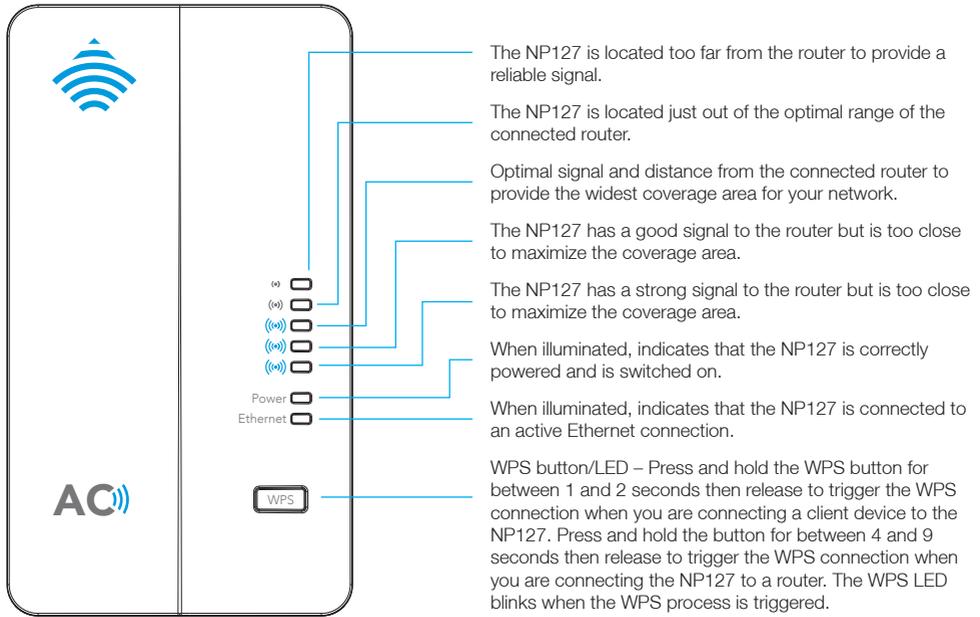
2. Access Point mode – the NP127 connects to an existing router via Ethernet and provides a wireless signal for wireless devices. This is useful in situations where there is no existing wireless access point or where you wish to provide a wireless signal to a remote area (up to 100 metres) from where the router is located.



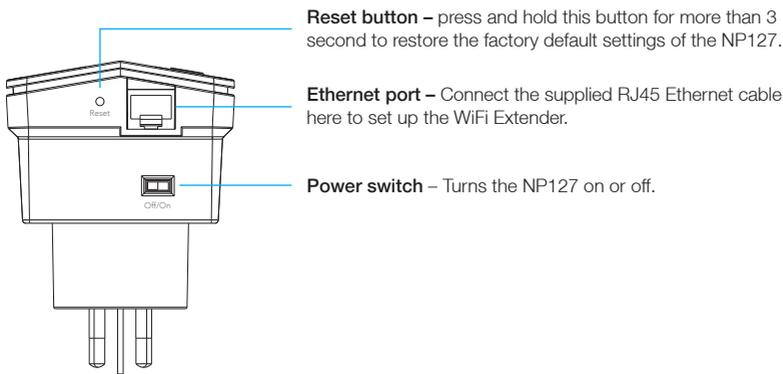
# DEVICE OVERVIEW

## Front panel

The NP127 features 7 LEDs on the front panel and a WPS button. The top 5 LEDs give an indication of the distance and strength of the signal between the NP127 and the connected router. The signal strength LEDs only functions when the device is in repeater mode. The images below describe the meaning of each indicator and button.



## Bottom panel



# CONNECTING THE WIFI EXTENDER

1. Ensure that the NP127 power switch is in the 'off' position and then plug the NP127 into a power outlet which is close to your device (e.g. computer or smartphone).
2. Turn the power switch of the NP127 to the 'on' position. The NP127 starts up and the Power LED illuminates. You may now access the NP127 using either WiFi or Ethernet.

## Connecting over WiFi

1. Ensure WiFi is enabled on your wireless device (e.g. computer or smartphone) that will connect to the router.
2. Scan for wireless networks in your area. If your device supports both 2.4GHz and 5GHz networks then you will see both networks appear on the scanned list. Connect to the network name that matches one of the Wireless network name found on the Wireless Security Card (included in the box).



Note: For security purposes, each NetComm Wireless NP127 has a unique SSID (such as NetComm 7559) and Wireless Security Key. The above image is for illustration only.

3. When prompted for your wireless security settings, enter the Wireless security key listed on your Wireless Security Card.
4. Wait approximately 30 seconds for the connection to establish.

## Connecting using Ethernet Cable

Connect one end of the supplied RJ45 Ethernet cable to the Ethernet port on the bottom panel of the NP127 and the other end to the Ethernet port of your computer. Wait for 30 seconds as your computer is assigned a local address by the WiFi Extender.

# LOGGING IN TO THE WEB INTERFACE

1. Open a web browser (such as Internet Explorer, Google Chrome or Firefox), type **http://my.extender** or **http://192.168.40.1** into the address bar and press **Enter**. The login page is displayed
2. At the login screen, type **admin** into the Password field. If you would like to store the password in the browser, select the **Remember my password** option. Click the **Login** button. The Connection Wizard is displayed.

# CONNECTING THE NP127 TO YOUR ROUTER

## Repeater Mode

Upon logging in to the NP127 web interface, you are presented with the Connection Wizard screen.

Click the **Start** button at the bottom of the screen to begin connecting the WiFi Extender to your broadband hub/router. The NP127 scans the available wireless networks in its range and presents them in a list.

**AC750 WiFi Extender - NP127**

**Connection Wizard**

Click the **Start** button below to begin connecting the WiFi Extender to your broadband hub/router.

Wireless Connection to Router/Hub

Wireless network/SSID: None

Wireless security: None

Connection status: Disconnected

**Extender Wireless Network**

2.4GHz Wireless network/SSID	NetComm 2325
2.4GHz Wireless security	WPA2-PSK(AES)
5GHz Wireless network/SSID	NetComm 4123
5GHz Wireless security	WPA2-PSK(AES)

**Start** **Refresh**

**Helpful Hints...**

The connection wizard will guide you through connecting your WiFi extender to your broadband hub/router. This will synchronize the extender network/SSID and security settings with your router/hub.

The extender wireless network information is usually only used during set-up. Once the extender is connected to your router, your devices will connect using the router's own wireless settings.

More...

### Step 1 of 2

Select the network you wish to connect to by selecting the radio button in the Select column for the corresponding network and click the **Next** button. You are prompted for the Wireless key to connect.

**AC750 WiFi Extender - NP127**

**Connection Wizard: Step 1 of 2**

Select your hub/router's wireless network name from the list below, and click **Next**.

**Refresh**

Number of wireless networks found on the 13:

#	SSID	MAC Address	Signal	Select
1	NetComm 0477	00:60:64:E1:89:D4	100%	<input type="radio"/>
2	NetComm 6085	02:60:64:04:60:8A	100%	<input type="radio"/>
3	NetComm Office WiFi	ED:5F:8D:0F:AD:00	99%	<input type="radio"/>
4	5 WIFITest	00:60:64:E1:8E:1E	76%	<input type="radio"/>

**Helpful Hints...**

Click on **Refresh** if you can't find your broadband hub/router in the list.

To connect manually or connect to a hidden wireless network, use the **Advanced** menu.

More...

## Step 2 of 2

Enter the wireless key and click the **Finish** button.

AC750 WiFi Extender - NP127

NetCommWireless

Set-up  
Connection Wizard  
Mode Settings

Advanced

System

Logout

Connection Wizard: Step 2 of 2

Enter your broadband hub/router's wireless key then click Finish.

Wireless Security

Security: WPA2-PSK(AES)

Wireless key: [input field] (8-63 characters or 64 hex digits)

Back Finish

Helpful Hints...

You can change the selected network by using the Back button.

When you click Finish, you have connected to your browser. It may display a network unavailable error which you can ignore.

Your device should then reconnect to your broadband's wireless network.

The NP127 connects to the router and after a moment, the NP127 displays that the connection was successful.

AC750 WiFi Extender - NP127

NetCommWireless

Set-up  
Connection Wizard  
Mode Settings

Advanced

System

Logout

Connection Wizard: Step 2 of 2

Connection successful.

Connection successful

The management IP address may have changed. Please refer to your router's administrator interface to determine the IP address of the WiFi Extender.

OK

Helpful Hints...

This page displays the connection status.

Click the **OK** button. The connection wizard is complete. To access the NP127 user interface in the future, connect an Ethernet cable to the Ethernet port on the NP127, then enter **http://my.extender** into the address bar.

## Access Point Mode

To use the NP127 in Access Point mode:

1. From the left side of the screen select the **Set-up** menu then select the **Mode Settings** link.
2. Select **AP mode** then select **Apply**.

AC750 WiFi Extender - NP127

NetCommWireless

Set-up  
Connection Wizard  
Mode Settings

Advanced

System

Logout

Mode Settings

On this page you can choose your WiFi Extender work mode

Repeater mode

AP mode

Note that switching modes need to restart the device to take effect.

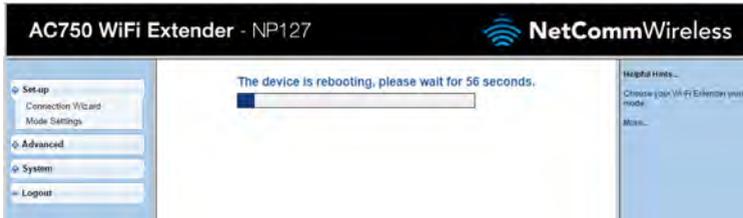
Apply Cancel

Helpful Hints...

Choose your WiFi Extender work mode

More...

The NP127 reboots. Wait approximately 1 minute before attempting to connect any wireless clients to the NP127.



## CHOOSING A LOCATION FOR YOUR WIFI EXTENDER

Now that your WiFi Extender is connected to your router, you can move it to a different location to provide greater range for your network.

1. Slide the power switch to the 'off' position and remove the NP127 from the wall socket.
2. Plug the NP127 into a wall socket in the centre of the area that you would like to cover which is also within range of the router. Turn the power switch to the 'on' position. Wait approximately 30 seconds for the NP127 to power up and connect to the router.
3. Examine the signal strength LEDs on the front panel of the NP127. If one of the top two LEDs is illuminated, the NP127 is further than ideal from the router or may have other environmental factors causing the signal to be weak. In this case, try moving the NP127 to a wall socket closer to the router. If one of the bottom two LEDs are illuminated then you have a strong signal to the router but you may not have the greatest coverage possible. In this case you might like to plug the NP127 into a wall socket further away from the router to achieve greater coverage for your wireless network. When the middle signal strength LED is illuminated, you have the ideal location for performance and coverage of your wireless network. Try different locations in the premises until you find the one that provides you with the optimal coverage for the desired area.

## CONNECTING YOUR WIRELESS DEVICE TO THE NP127

To connect additional wireless client devices to the NP127, follow the steps in the Connecting over WiFi section of this quick start guide.