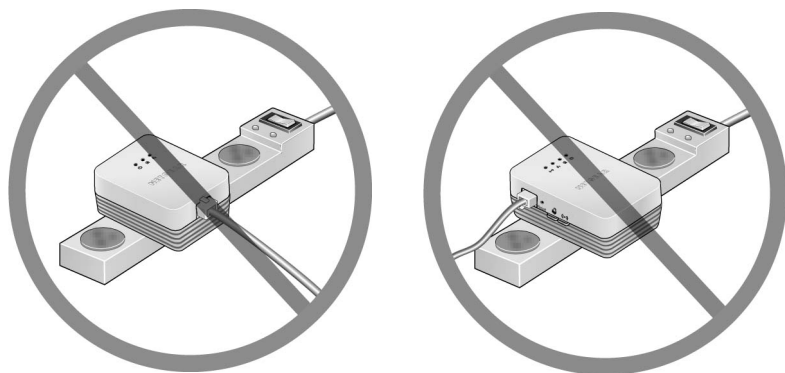
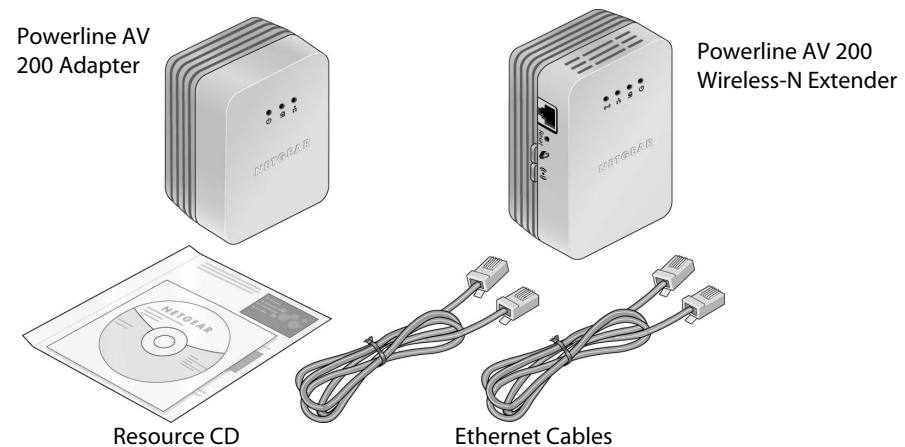


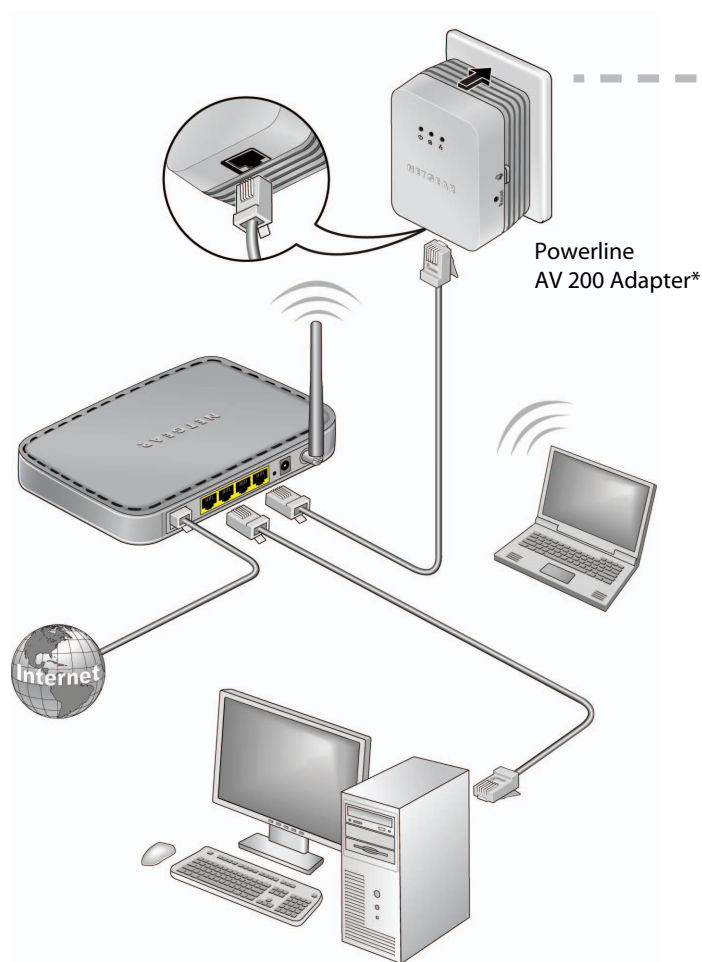
NETGEAR®

Installation Guide
Powerline AV 200 Wireless-N Extender Kit XAVNB2001

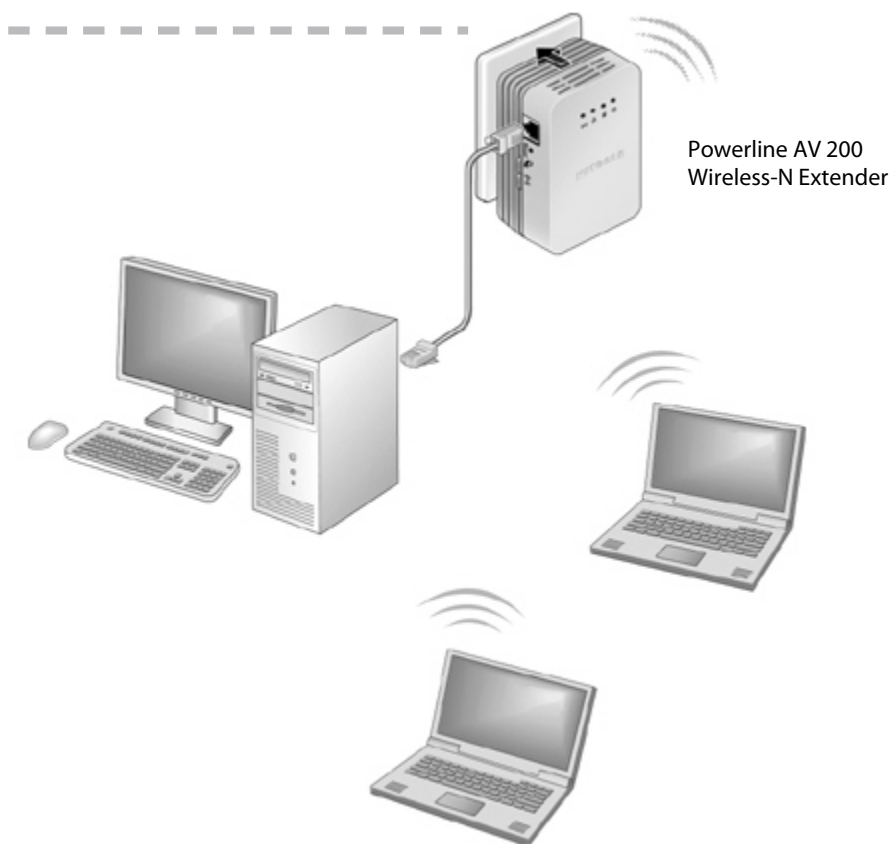
Package Contents



Room 1

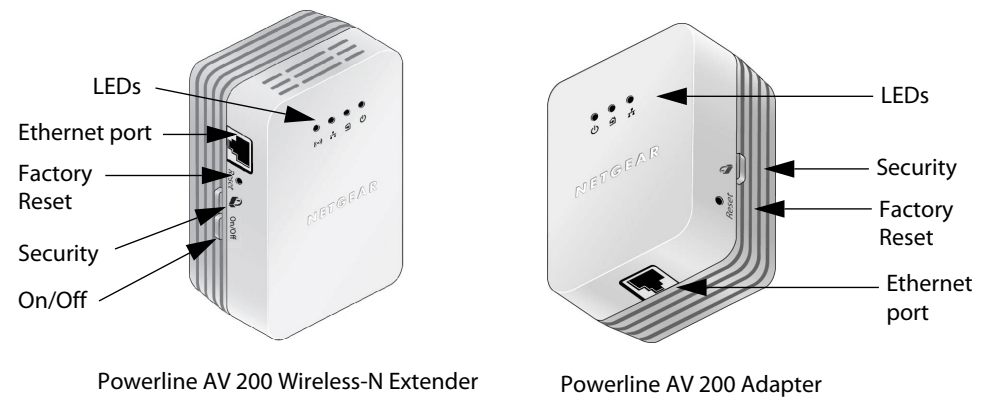


Room 2



*Compatible Powerline and HomePlug AV certified devices include the NETGEAR XAV101, XAV1004, XAV2001, XAV2501, and XAVN2001. For a complete list of AV certified devices, go to www.homeplug.org/certified_products

LED and Button Descriptions



Item	Description		
Power LED	<ul style="list-style-type: none"> Solid green. The electrical power is on. Blinking green. The adapter is restarting or setting up security. Amber. Power saving mode. The XAVN2001 goes into power saving mode when no RJ45 cable is connected and there is no associated wireless device. Off. There is no electrical power. 		
Powerline LED	<ul style="list-style-type: none"> Solid. The adapter is connected to a Powerline network. Blinking. The adapter is sending or receiving data. Off. The adapter has not found any other compatible Powerline device(s) using the same encryption key, or the Powerline adapter is in power saving mode. 		
	The Pick A Plug feature lets you pick the electrical outlet with the strongest link rate, indicated by the color displayed by the LED:		
	Green: Link rate > 80 Mbps (Best)	Amber: Link rate > 50 and < 80 Mbps (Better)	Red: Link rate < 50 Mbps (Good)
Ethernet LED	<ul style="list-style-type: none"> Solid. The Ethernet port is linked, but there is no activity. Blinking. There is traffic on the Ethernet port. Off. There is no Ethernet connection. 		

Item	Description
Wireless LED	This LED is only on the Powerline AV 200 Wireless Extender. <ul style="list-style-type: none"> Solid. The wireless radio is on, but there is no wireless activity. Blinking. There is wireless traffic between the Wireless Extender and a wireless device. Off. The wireless radio is disabled.
Factory Reset	Press the Factory Reset button for 2 seconds, then release to return the Powerline adapter to its factory default settings.
Security button	To enable Powerline Security, plug in your new AV adapters, press the security button on one of the AV adapters (for example, the XAV2001) for 2 seconds, then press the security button on the other AV adapter (for example, the XAVN2001) for 2 seconds. Both buttons must be pressed within 2 minutes. Note: The Security button does not work in power saving mode. To enabled WPS Security using the WPS button on your wireless device: <ol style="list-style-type: none"> Press the Security button on the XAVN2001. Within 2 minutes, press the WPS button on the wireless device. The wireless device will securely connect automatically to the XAVN2001. Note: Not every router has a WPS button. If the WPS button is not supported, or you are not using a NETGEAR router, you can use the Powerline Utility to manually configure the wireless setting for the XAVN2001.
On/Off Wireless Auto-Configure button	The Powerline AV 200 Wireless-N Extender on/off button has two functions: <ol style="list-style-type: none"> Power on/off: To turn on or off the device, press for 2-4 seconds, then release. Auto configuration: see <i>“Integration into your Wireless Network”</i> below. Note: The Powerline AV 200 Adapter does not have an on/off button.

Warning: Do not press the Security button on the Powerline adapter until installation is complete and the adapters are communicating with each other (indicated by the blinking Powerline LED). Pressing the Security button too soon can temporarily disable Powerline communication for 2 minutes.

Integration into your Wireless Network

If you own a wireless router or Access Point (AP), and you want to use the XAVN2001 to extend coverage to a dead spot in the house, you can either:

- Use the Device On/Off button:**
 - Plug the XAVN2001 to a wall outlet close to your router.
 - Press and hold the XAVN2001 On/Off button for over 10 seconds, then release.
 - Within two minutes, press the WPS button on the router. This activates the XAVN2001 auto configuration, which seeks out the router, retrieves the SSID and security settings from the router, and writes the same settings to the XAVN2001.
 - Move the XAVN2001 to the dead spot, then your wireless devices in that area can connect to your network through the XAVN2001 powerline adapter.

- Use the Powerline Utility:** If you are not using a NETGEAR router, or if the WPS button is not supported, you can use the Powerline utility to manually configure the wireless settings for the XAVN2001.
 - Insert the **Resource CD**, and install the Powerline Utility on the PC connecting to the XAVN2001. If your router is from NETGEAR, the utility will find the router, retrieve the settings, and then prompt you to write the settings to the XAVN2001.
 - Manually enter or change the settings.
 - Move the XAVN2001 to the dead spot location. Wireless devices out of the router coverage area can now connect to your network through the XAVN2001 powerline adapter.

Troubleshooting

For troubleshooting information, see the *XAVN2001 User Manual*. A link is located on the **Resource CD**.

Technical Support

After installing your device, locate the serial number on the label of your product and use it to register your product at <http://www.NETGEAR.com/register>. Registration is required before you can use our telephone support service. Registration via our website is strongly recommended.

Go to <http://www.NETGEAR.com/support> for product updates and web support. For Warranty and Regional Customer Support information, see the **Resource CD** that came with your product.

GPL may be included in this product; to view the GPL license agreement go to <ftp://downloads.netgear.com/files/GPLnotice.pdf>.

Safety Information:

- AC input: 100-240V~, 250mA or 0.25A (Max)
- Operating temperature: 0C~40C

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