

SMART/RG®

forward thinking



Quick Start Guide

PL60 /PL62AC

This Quick Start Guide shows you how to set up and begin using your new powerline adapters.

REQUIREMENTS

Safety Notice:

- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- le socle de prise de courant doit être installé à proximité du matériel et doit être aisément accessible.

Minimum requirements for using the PL60 and PL62AC are:

- Ethernet Network interface (10, 100 or 1000 Mbps transfer rate)
- Router with Internet connection and one available LAN port
- An electrical outlet available for each adapter

For best results:

- Place the adapter in a regular wall outlet with no other devices plugged in. Connecting this product to a power strip or surge suppression device may adversely affect the performance.
- Avoid using in an electrical outlet that is near high power consumption appliances such as a washer, dryer, refrigerator, microwave, hair dryer or air conditioning unit.
- If you have connection problems, temporarily plug in both adapters in the same room. If the **Data** LED on both units is illuminated, the adapters are functioning properly and your home's electrical wiring is contributing to the connection problems.

LED INDICATORS

The LEDs on the front of the PL60 can help you understand the current state of your adapters.



LED	Action	Meaning
Power	●	Adapter is on.
	⚙️	Adapter is setting up security
	●	Adapter is in power-save mode
Ethernet	●	Ethernet port is connected
	○	No Ethernet connection
Data	⚙️	Adapter is syncing
	●	Data transfer rate is > 80Mbps
	⚙️	Data transfer rate is between 50Mbps and 80Mbps
	●	Data transfer rate is < 50Mbps
	○	No compatible units found with same encryption key
Wireless (PL62AC only)	●	Wi-fi radio is on
	⚙️	Wi-fi radio is pairing with a wi-fi device via WPS

Legend: ● Steady Glow ⚙️ Blinking ○ Not Connected or Off

CONNECTION AND CONTROLS

To minimize unwanted AC line noise that may degrade the performance of your PL60, take advantage of the filtered outlet on the face of the unit for powering your AC devices - especially USB and other cell phone chargers, dimmer-capable lamps, plasma TVs and other devices employing switching power supplies. Plug a power strip into the front of the PL60 for additional filtered capacity.

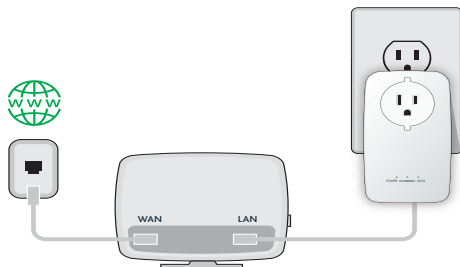
The bottom of the PL60 has 2 buttons and a gigabit Ethernet port. The PL62AC has 3 buttons and a gigabit Ethernet port.



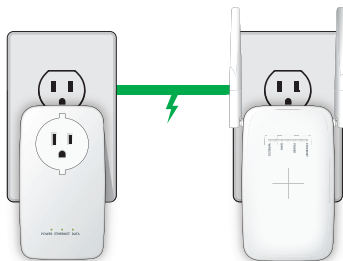
- | | |
|----------|---|
| Ethernet | Connect to an Ethernet device such as a router, computer, game console, printer, etc. |
| Link | Press and hold for 2 seconds to secure your network. (For more information, see "SECURITY" .) |
| Reset | Press and hold for 10 seconds to reset the PL60 to factory defaults. |
| WPS | (PL62AC only) Press and hold for 2 seconds to activate WPS. |

INSTALLATION

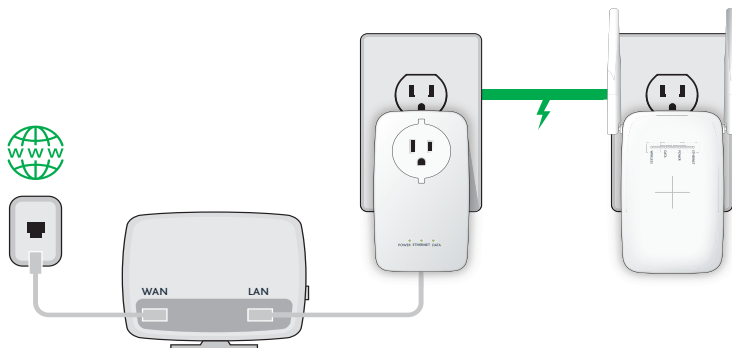
- ① Using one of the supplied Ethernet cables, connect the PL60 adapter to your router. Plug the unit into an AC outlet. The **Power** and **Ethernet** LEDs should both light up.



- ② Plug in the PL62AC adapter in the room where you wish to extend your network. The **Power** LED will light up.



- ③ Confirm that the **Data** LEDs on both adapters are lit, indicating the adapters are connected. If not, try a different wall outlet located closer to the PL60 adapter.
- ④ Using the remaining, supplied Ethernet cable, connect your device to the PL62AC adapter. Confirm that the **Ethernet** LED is lit. Your hardware installation is complete.



SECURITY

Adapters on the same network must use the same encryption key. Any PL60s (or PL62AC) using the default encryption key will communicate successfully.

To help protect your network from unauthorized access via the power lines, it is recommended that you create a private encryption key to replace the default key. To create a private encryption key, follow these steps:

- 1. All Adapters** Plug in all the adapters to be re-keyed. Press the **Link** button for 10 seconds (on each adapter) to ensure all adapters have been reset to the default encryption key. The default encryption key is "HomeplugAV".
- 2. 1st Adapter** Press the **Link** button on the 1st adapter for no more than 3 seconds. The **Power** LED blinks after you release the **Link** button. The adapter creates a private, randomly generated encryption key that all adapters will use.
- 3. 2nd Adapter** Within 2 minutes of completing Step 2, press the **Link** button on the 2nd adapter for no more than 3 seconds. The **Power** LED blinks after you release the button.

Your powerline network is now securely configured with the same private encryption key. The adapters retain the security settings even if they are unplugged.

EXPAND YOUR PL60 NETWORK

If you would like to add more than 2 adapters, press the **Link** button of the additional adapter for no more than 3 seconds. The **Power** LED blinks after you release the button.

Within 2 minutes, press the **Link** button of any adapter in your existing network for no more than 3 seconds. The **Power** LED blinks after you release the button.

After performing the above security steps, your network will be securely configured using the same network encryption key for all adapters.

ADDITIONAL SUPPORT

Subscribers: If you require further instructions, contact the Service Provider from whom this product was purchased.

Service Providers: Contact SmartRG support at support@smartrg.com or your SmartRG Sales Engineer.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates 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.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This device complies with Part 15 of 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: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate this equipment.

IC Compliance

This device complies with Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF Radiation Exposure Statement

The device has been evaluated to meet FCC and RSS-102 general RF exposure requirement.

wifi 5150-5250MHz indoor use only.

Wifi 5150-5250MHz utilisation à l'intérieur seulement.