

SMART/RG®

forward thinking



Quick Start Guide

PL60/PL62 Kit

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 PL62 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 (PL62 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.

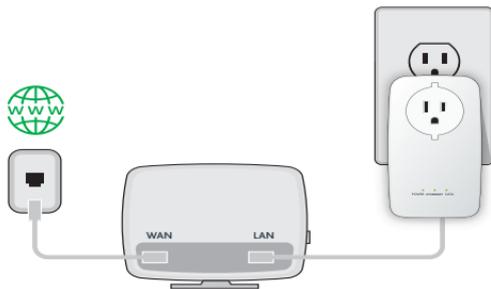
The bottom of the PL60 has 2 buttons and a gigabit Ethernet port. The PL62 has 3 buttons and a gigabit Ethernet port.



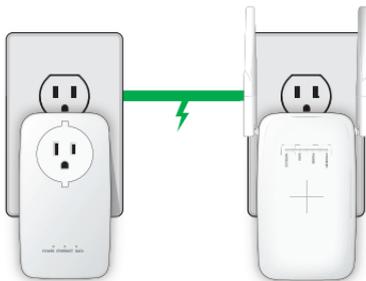
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|----------|--|
| Ethernet | Connect to an Ethernet device such as a router, computer, game console, printer, etc. |
| Link | Press and hold for 2 seconds to secure your network. (For more information, see " SECURITY ".) |
| Reset | Press and hold for 10 seconds to reset the PL60 to factory defaults. |
| WPS | (<i>PL62 only</i>) Press and hold for 2 seconds to activate WPS. |

INSTALLATION

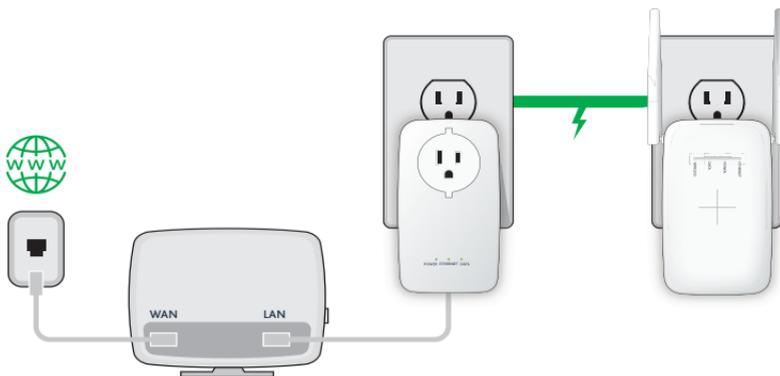
- ① Using one of the supplied Ethernet cables, connect the PL60 adapter to your router. Plug the unit into an AC outlet. The **Power** and **Ethernet** LEDs should both light up.



- ② Plug in the PL62 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 PL62 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 PL62s) 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.

Note: The default IP address of all PL60 adapters is 10.0.2.1. The default IP address of all PL62 adapters is 10.0.20.254.

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.