Security

The Adapter uses 128-bit AES encryption to block access from the outside. By default, the protection is enabled. However, it is recommended that you change the default network password with the Security/Reset button located next to the Ethernet port on the units.

Changing the Network Password

1. With both Adapters plugged into the wall, press the Security/Reset button on both units for 10 seconds. The password on these Adapters has now been changed to a random value.

2. Next, press the Security/Reset button on one unit for more than 1 second, but less than 3 seconds.

3. Within 2 minutes, press the Security/Reset button on the second unit for more than 1 second, but less than 3 seconds.

4. The new network password has now been saved to the second unit. The password will not be lost, even if the Adapters are unplugged from the wall.

Adding Another Adapter to the Network

1. If the default network password has been changed, a new Adapter will have to load the new password before it can join the network. Press the Security/Reset button on the new adapter for 10 seconds.

2. Press the Security/Reset button on any encrypted unit for more than 1 second, but less than 3 seconds.

3. Within 2 minutes, press the Security/Reset button on the new unit for more than 1 second, but less than 3 seconds.

4. The new device has now been loaded with the network password and added to the current powerline network.

Resetting to Factory Defaults

The Adapter must be plugged in to restore it to factory defaults. Hold the Security/Reset button approximately 15 seconds until the PWR and PL status lights flash several times in unison. All status lights will then go off as the Adapter repowers. It will then return to normal operation.

Website: www.readynetsolutions.com
Customer Service: 855.671.7932

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CONNECTIVITY SIMPLIFIED

500 Mbps
POWERLINE NETWORK KIT
High Speed Data/Video Streaming

EN500
USER MANUAL

500 Mbps
POWERLINE NETWORK KIT
High Speed Data/Video Streaming

USER MANUAL

Features

- Plug-and-Play installation
- Up to 500Mbps* bandwidth over standard home power lines
- HomePlug signal easily passes through circuit breaker
- 128-bit AES encryption ensures data security
- Encryption completed by hardware, without sacrifice to bandwidth
- Each adapter includes 1 IEEE 802.3 computer Ethernet port
- HomePlug Powerline Specification 2.0-compliant
- Contains 2 Adapters and 2 Ethernet cables

Product Specifications

- Computer Interface: IEEE 802.3/802.3u
- Operating Temperature: 0°C to 40° C ambient temperature
- Storage Temperature: -20° C to 70° C ambient temperature
- Humidity: Max. 10% to 90% (non-condensing)

LED Behavior

Power (Top LED labeled PWR)
Solid Green – Receiving power
Off – Power off
Blinking Green – Standby mode

HomePlug Powerline Link LED (Middle LED labeled PL)
Blinking – Powerline data transmitting or receiving
Color Green – Physical link rate greater than 100Mbps
Color Orange – Physical link rate, between 50Mbps and 99Mbps
Color Red – Physical link rate less than 50Mbps
Off – No Activity

Ethernet Link LED (Bottom LED labeled ETH)
Solid Green – 10/100Mbps port linked
Blinking – Ethernet data transmitting or receiving
Off – Ethernet link not active

*The standard transmission rate – 500Mbps – is the physical data rate. Actual data throughput will be lower.
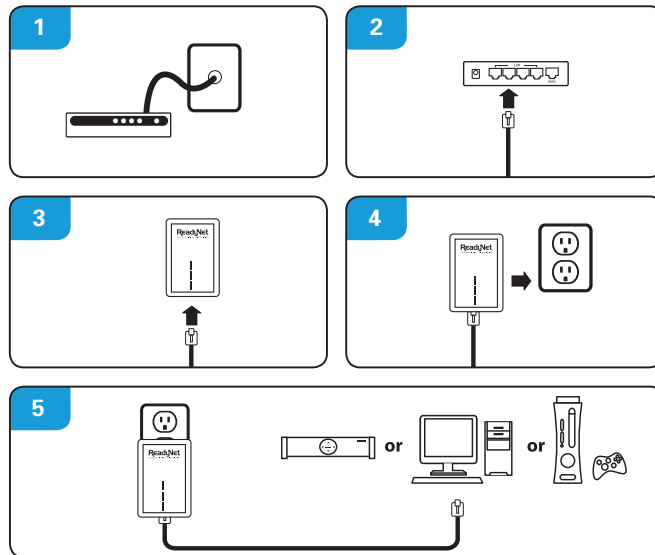
System Requirements

- At least 2 HomePlug devices
- Available Ethernet port on each computer or network device
- Available power outlet

Hardware Setup

1. Locate modem or router at the broadband access point.
2. Plug your network cable (provided) into the modem or router's RJ45 network adapter port.
3. Plug the other end of your network cable into the RJ45 port located at the bottom of the Adapter.
4. Plug the Adapter into any wall socket.

Note: *Do not plug the device into a UPS or powerstrip with surge protection as they may filter the powerline signal.*

5. Use the steps 3 and 4 for the second Adapter to connect your computer, IPTV, or other network device to the network.