TP-LINK®
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Quick Installation Guide

AV500 3-port Mini Powerline Adapter, 3-pack Kit
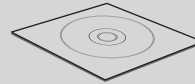
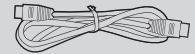MODEL NO. **TL-PA4030T Kit**

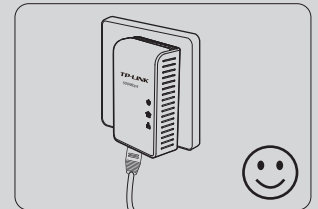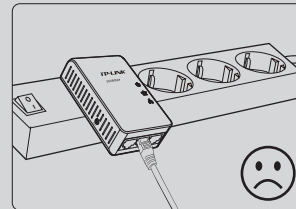# Package Contents

Powerline Adapter *

QIG

Resource CD
(For Windows Only)

Ethernet Cable

* The provided power plug may differ from the picture due to different regional power specifications. Here we take the EU version as an example.
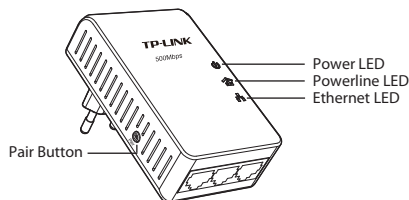
Warning on Final Location

NOTE: It's strongly recommended that you plug the adapter directly into the wall socket, for some power strips have surge protector which can filter data.

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1 LED and Button Descriptions

Power LED
Powerline LED
Ethernet LED

Pair Button

Item	Status	Description
Power LED	Solid	The adapter is on.
	Blinking	The adapter is in pairing procedure.
	Off	The adapter is off.
Powerline LED	Solid	The adapter is connected to a powerline network.
	Blinking	The adapter is transferring data.
	Off	The adapter isn't connected to any powerline network.
Ethernet LED	Solid	At least one Ethernet port is connected, but there is no data being transferred.
	Blinking	At least one Ethernet port is transferring data.
	Off	No Ethernet port is connected.

Item	Description
Pair Button	Pair button is used to secure a powerline network. To secure your network, please refer to **Appendix: Using the Pair Button**.

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2 Network Installation
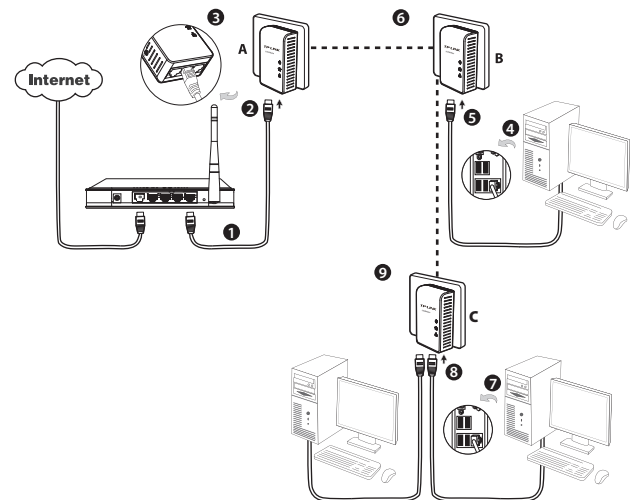
TP-LINK powerline adapters are Plug and Play. After taking the steps above, you can surf the Internet.

To add another adapter

Plug an additional adapter into the wall socket, and the connection will be established automatically within 60 seconds.

NOTE:
1. To surf the Internet, please make sure that your router is properly connected to the Internet.
2. If the adapters fail to automatically link to each other, you can establish a private network by using the pair button. To set up a private network, please go to **Appendix: Using the Pair Button** for detailed instructions.

Appendix: Using the Pair Button (Setting up a private network)

To set up a private network :

1. Press the pair button on adapter A for 1 second and the Power LED will begin flashing. If pressed till all the LEDs turn off (about 10 seconds), the adapter will leave the network.

2. Within 2 minutes, press the pair button on adapter B for 1 second and the Power LED will begin flashing as well.

3. In about 60 seconds you'll see the Powerline LEDs on both adapters light up, indicating the two adapters have intercommunicated with each other successfully.

* It is highly recommended to first set up the two adapters in the same room or on the same power strip and then place them in a suitable location.

To join an existing private network:

If you want to add adapter C to the existing private network, please follow the steps.

1. Press the pair button on the adapter A or B for 1 second (do not press both), and the Power LED will begin flashing.

2. Within 2 minutes press the pair button on adapter C for 1 second, the Powerline LED on the adapter C will light up in about 60 seconds.

* You can follow the steps above to add more adapters to the private network one by one.

Internet

A   B

Router   Desktop

C

Set-Top Box&TV
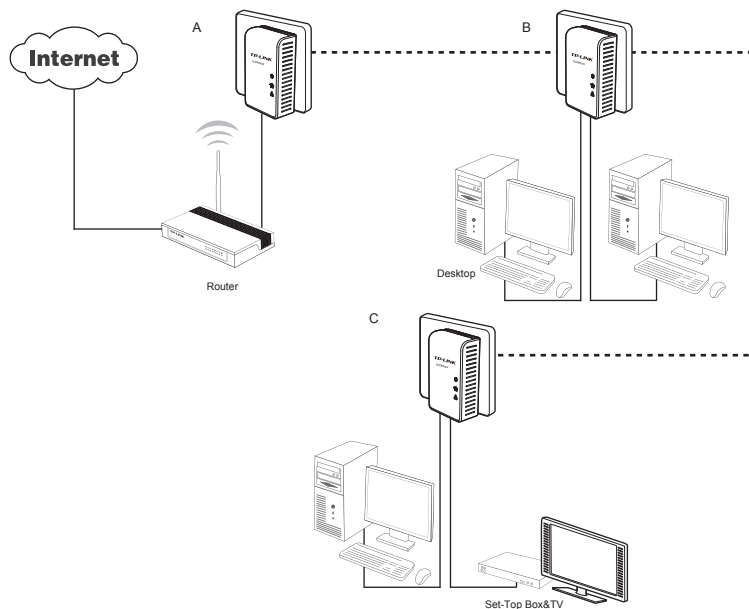
NOTE:

More advanced configuration, such as reset, firmware upgrade and QoS configuration can be accessed through the utility, so install the Powerline Utility if necessary. You can obtain the Powerline Utility from the Resource CD (for Windows only) or TP-LINK offical website (for Windows and Mac OS).
For detailed instructions, please refer to the User Guide on the Resource CD or TP-LINK offical website.

Troubleshooting

Q1. I have followed the above instructions, but my adapters are still not working. What can I do?

1. Make sure all the adapters are under the same electric meter.
2. If the Power LED does not light up at all, there may be a hardware problem.
3. The PLC devices might not communicate with each other if they are in different phases of a four-wire three-phase circuit.
4. As some power strips have surge protector, please make sure the adapters are not separated by the power strips.

Q2. The adapters were working fine but no longer work now that they've been moved. How do I make them work again?

Plug the adapters into the same power strip and follow **Appendix: Using the Pair Button** to pair them. If they still don't work, please check for possible interference causes:

1. Air-conditioners, washing machines, and other similar household appliances are working too close to the adapters.
2. Air switch may lead to failed communication among PLC devices; check whether there are air switches hindering communication.