

# Quick Installation Guide

## 3Wire Network System



**3Wire Series  
Ethernet Adapters**

**A 3Wire Network System** is a secure and intelligent technology that enables one to set up a home network and exchange digital information (audio, video, and computer files) quickly and easily via existing household coax, phone, and power outlets.

### Infrastructure Requirements

**NOTE:** When CATV or DOCSIS system co-exists with a 3Wire Network system a Band Stop Filter needs to be added at the CATV point of entry.

**NOTE:** The 3Wire Network System can only be used in a passive coax network.

**NOTE:** The 3Wire Network system is designed to work on twisted pair wiring. However, the telephone infrastructure can *NOT* have a local home telephone switch with extensions.

### PC System Requirements

- Operating system support TCP/IP installed
- Ethernet LAN card support TCP/IP protocol
- Pentium III and above
- 64MB of RAM or more

### Safety instructions

Read and follow closely all the instructions and warnings before installing and using the product:

- The device shall not be opened
- Leave the product accessible for easy connection and disconnection
- To disconnect the product, simply unplug it from the socket
- Normal operation ambient temperature is from 5°C to 40°C
- Do not expose the product to any direct heat source or any liquid
- Do not obstruct the ventilation or place objects through the openings
- In case of product failure, do not attempt to repair it yourself, please contact your reseller for after-sales support

Product warranty will not be effective if the product has been opened or used improperly.

Triteka is not liable for any improper use of the product.

### Technical support

In case of installation problems, you may:

1. Check the User's Guide on the Internet: [www.triteka.com](http://www.triteka.com)
2. Contact our technical support team: Email: [support@triteka.com](mailto:support@triteka.com)

### Further information

For more complex configurations (modem, set-top box, PC, router, etc.) or installation of additional 3Wire Ethernet Adapters, please consult the User Guide included in the Support CD or can be downloaded from the Triteka website.

# 1st Ethernet Adapter Installation

## Connect the 1<sup>st</sup> 3Wire Ethernet Adapter to a modem/router.

1. Locate the (DSL or Cable) modem/router in the home. If possible, place the 3Wire Ethernet Adapter and the modem/router close to a telephone and/or coaxial outlet. For best network performance, utilize the homes telephone and coaxial infrastructure.
2. Use an Ethernet cable to connect the LAN port (A) on the 3Wire Ethernet Adapter to an available Ethernet LAN port (B) of your (Cable/DSL) modem or router.



**NOTE:** When using a DOCSIS cable modem, avoid using the coax cable which is used by the DOCSIS, instead use the telephone and powerline. A 2nd 3Wire Adapter or passive bridge adapter in another room can be used to connect to the rest of the homes coax network infrastructure.

## Connect the 1<sup>st</sup> 3Wire Ethernet Adapter to the homes outlets

3. Connect the 3Wire Ethernet Adapter to a power outlet. Your power cable and outlet may look different.



4. Connect the 3Wire Ethernet Adapter to the homes telephone network. Simply connect a RJ-11 twisted pair cable from the PHONE port on the rear panel of the 3Wire Ethernet Adapter to the homes telephone outlet.



5. You can also connect the 3Wire Ethernet Adapter to the homes coaxial network. Simply connect a coax cable from the CATV connector on the rear panel of the 3Wire Ethernet Adapter to the homes coaxial outlet.



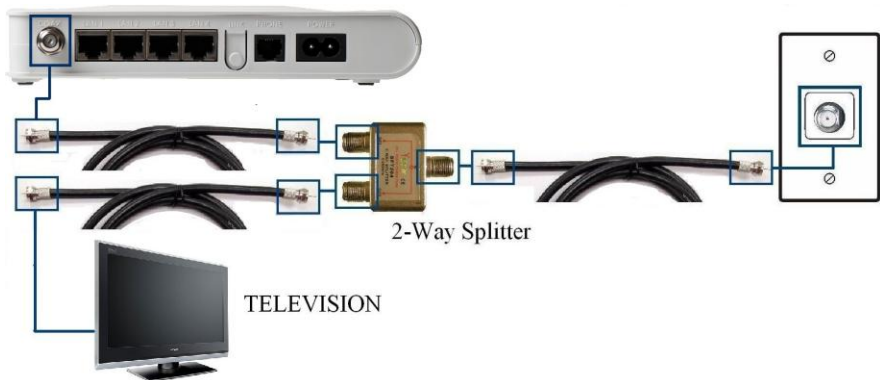
# 2nd Ethernet Adapter Installation

## Connect the 2<sup>nd</sup> 3Wire Ethernet Adapter to the homes outlets

- Place the 2<sup>nd</sup> Ethernet Adapter next to the computer or other network device (wireless access point, Set-top box, Game Console, VoIP phone, etc.) which is to be added to the homes network.
- Connect the 2<sup>nd</sup> 3Wire Ethernet Adapter to a power outlet, telephone outlet and/or coax outlets. Follow steps 3 through 5 as shown with 1<sup>st</sup> Ethernet adapter. For best network performance, utilize the homes phone or coax infrastructure.

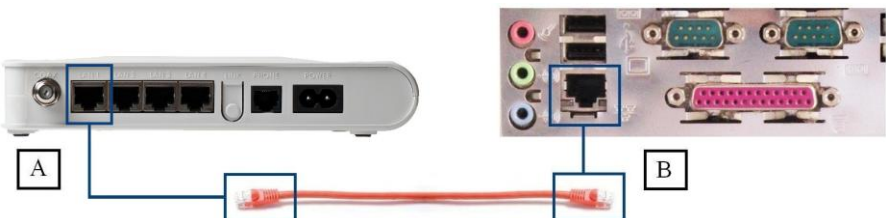
**NOTE:** The 2<sup>nd</sup> Ethernet Adapter will only work over the coax and telephone infrastructure if the 1<sup>st</sup> Ethernet adapter is connected to the coax and telephone outlets in steps 4 and 5.

**NOTE:** If a TV set is already using or you intend to use the same coaxial outlet it will be necessary to install a 2-way splitter between the coaxial outlet and the 3Wire Ethernet adapter. This 2-way splitter will be used to connect the 3Wire Ethernet Adapter & TV to the homes coax wire infrastructure. See figure below for configuration.



## Connect the 2<sup>nd</sup> 3Wire Ethernet Adapter to a Network Device

- Use an Ethernet cable to connect the Ethernet port (A) on the 3Wire Ethernet Adapter to an available Ethernet port (B) of your computer or any other network device.



## To optimize transfer speed:

- ⇒ Plug the 3Wire Ethernet Adapters & other equipment into different outlets and avoid using the same extension strip
- ⇒ Plug the 3Wire Ethernet Adapters into the Coax & Telephone outlets to utilize these more stable infrastructures for more reliable IP Video & Audio services
- ⇒ Avoid plugging the 3Wire Ethernet Adapter next to a telephone charger
- ⇒ Avoid using anti-surge protection strips

# Additional Adapters Installation

## Connecting Additional 3Wire Ethernet Adapters to the Network

- Simply place the additional Ethernet Adapters (up to (16) Ethernet adapters can be used on a single 3Wire Network System) next to a computer or other network device (wireless access point, Set-top box, Game Console, VoIP phone, etc.) which is to be added to the homes network.
- Connect the additional 3Wire Ethernet Adapter to a power outlet, telephone outlet and/or coax outlets. Follow steps 7 and 8 as shown with 2<sup>nd</sup> Ethernet adapter. For best network performance, utilize the homes phone or coax infrastructure.

## Adapter LEDs & Connectors

### FRONT PANEL - LED DISPLAY



#### **POWER**

ON if Adapter is powered on.  
FLASHING if Adapter is in energy saving mode.

#### **LINK**

ON if Adapter #2 is detected. FLASHING if network activity is detected.

#### **LAN 1-4\***

ON if LAN port is connected to an IP client device. FLASHING if Data is being transferred over the port.

\*LAN 2,3,4 are available with Model 3WR-500-4L

### REAR PANEL – CONNECTORS



#### **COAX**

To connect to the TV RF wall outlet.

#### **LAN 1-4**

To connect to the modem or router/IP Client Device.

#### **LINK**

Push the button to Secure.

#### **PHONE**

To connect to the phone.

#### **POWER**

To connect to the electrical outlet.

\*LAN 2,3,4 are available with Model 3WR-500-4L