

## Setting up your home network

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Created On: 30 Oct 2005 02:52 PM

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If you have a multiport modem/router you can connect your PC to one ethernet port and your IP phone to another. Your router must support QOS (Quality Of Service) if you want to use your PC and phone at the same time.

**Fig: 1. Connecting a Broadband Phone (IP Phone).**

If you have a multiport modem/router you can connect your Adaptor to one ethernet port and your IP phone to another. Your router must support QOS (Quality Of Service) if you want to use your PC and phone at the same time.

**Fig: 2. Connecting an Analog phone with a Telephony Adaptor**

If your current broadband connection has a single port connect we recommend you connect a telephone adaptor which has a built in router. Adaptors with routers are available with single ethernet, multiple ethernet and wireless connections. Most adaptors will have built in QOS (Quality Of Service) which ensures your phone calls do not suffer any loss in quality if you use your phone and PC at the same time.

**Fig: 3. Connecting an Analog phone with a Telephony Adaptor with built in router.**

If you have an existing traditional phone line (PSTN) and would like to use the same phone for your broadband line you can connect an adapter with PSTN passthrough. With this setup you can choose to make an outgoing call on your broadband line or traditional line by dialing a pre-defined set of digits (see your manual).

**Fig: 4. Connecting an Analog phone with a Telephony Adaptor with PSTN passthrough  
Some common mistakes.**

» Make sure to check your ethernet port speeds are compatible on your router and phone/adaptor. Some ports are dual speed indicated by 10/100, these can connect to other ports with only 10 or 100. If you have a port which indicates 10 or 100 only then these may only be connected to a port with the corresponding speed.

» If a phone has two ethernet ports it does not mean it has a built in router, you will need a router on your network if you want to connect more than one IP address. Follow the above configurations and you will be ok.