

babyTEL

babyBOX INSTALLATION MANUAL

Connection and Setup



KZS
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What you need

You need to have a high-speed Internet connection, which is also referred to as a broadband connection. This connection can either be of the **Cable** or **DSL** type. Typically this connection is provided by such companies as Videotron, Sympatico, and similar service providers.

If you have such a connection then all you have to do is insert our babyBOX between your high-speed modem and your computer to enjoy great telephone features while still being able to surf the net.

So, basically you need:

- (1) High-speed Internet connection
- (2) Cable/DSL modem
- (3) Computer
- (4) Ordinary telephone set
- (5) babyBOX from babyTEL
- (6) Cables

Connection is easy. We'll show you how.

[In order to familiarize yourself with the different types of cables and the babyBOX mentioned in the following procedures, refer to [Cables and babyBOX on page 2](#).]

Select the setup that best represents your configuration from the list below and follow the step-by-step instructions in that section.

[Cable Modem - Simple Setup on page 3](#)

[DSL Modem - Simple Setup on page 4](#)

[Cable/DSL Modem with Router - Multiple devices on page 10](#)

Cables and babyBOX

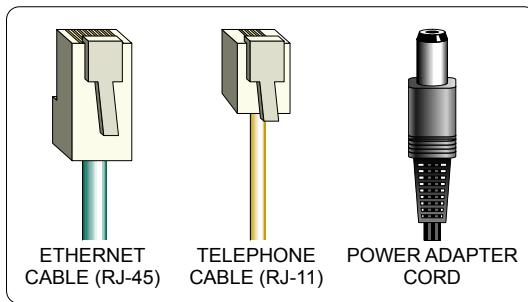


Figure 1: Cables

Although similar in appearance, it is easy to tell the difference between the Ethernet cable and the telephone cable. The Ethernet connector (RJ-45) is the larger of the two.

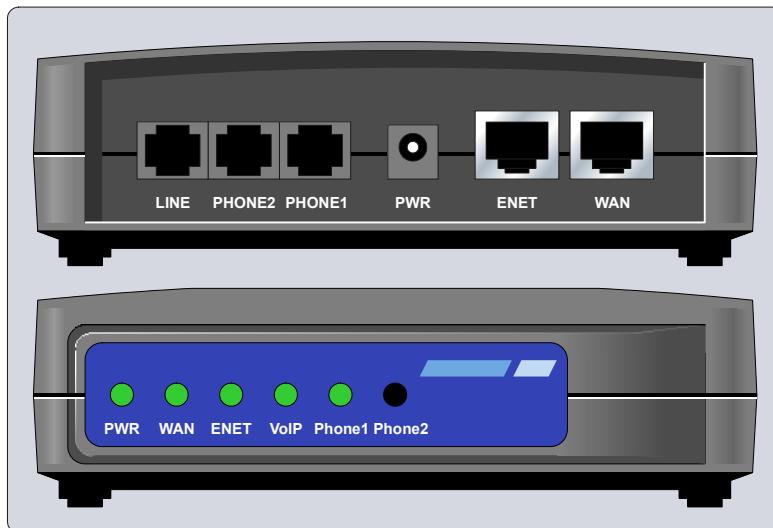


Figure 2: babyBOX - Back and Front view

Back View (Jacks)	Front View (Lights On)
<p>PHONE1 (Telephone): Your telephone set connects to it.</p> <p>PWR (Power): The power cord from the AC adapter connects to it.</p> <p>ENET (Ethernet): Ethernet cable from the PC may connect to it, depending on your configuration.</p> <p>WAN (Wide Area Network): Ethernet cable from the Modem or Router connects to it, depending on your configuration.</p>	<p>PWR (Power): Indicates that the babyBOX is powered on.</p> <p>WAN (Wide Area Network): Indicates that a modem or router is connected to this jack.</p> <p>ENET (Ethernet): Indicates that a computer or another device is connected to this jack.</p> <p>VoIP (Voice over Internet Protocol): Indicates that the babyTEL telephone service is ready.</p> <p>Phone1 (Telephone): Indicates that the telephone set connected to this jack is in use.</p>

Note: Flashing lights can either mean that the babyBOX is rebooting, or babyTEL is upgrading your system automatically. For more on the latter, please see [Automatic Updates](#) on page 12.

Cable Modem - Simple Setup

You already have a Cable connection to the Internet. This means that you have everything you need.

Getting ready:

First turn off the power to the cable modem and leave it unpowered for two minutes. Disconnect the Ethernet cable that runs between the modem and the computer. [See [Figure 1: Cables](#) for an illustration of the various cables.] Unpack the babyBOX and preserve the original packaging in case you need to return the babyBOX to babyTEL for whatever reason. Now proceed as shown below.

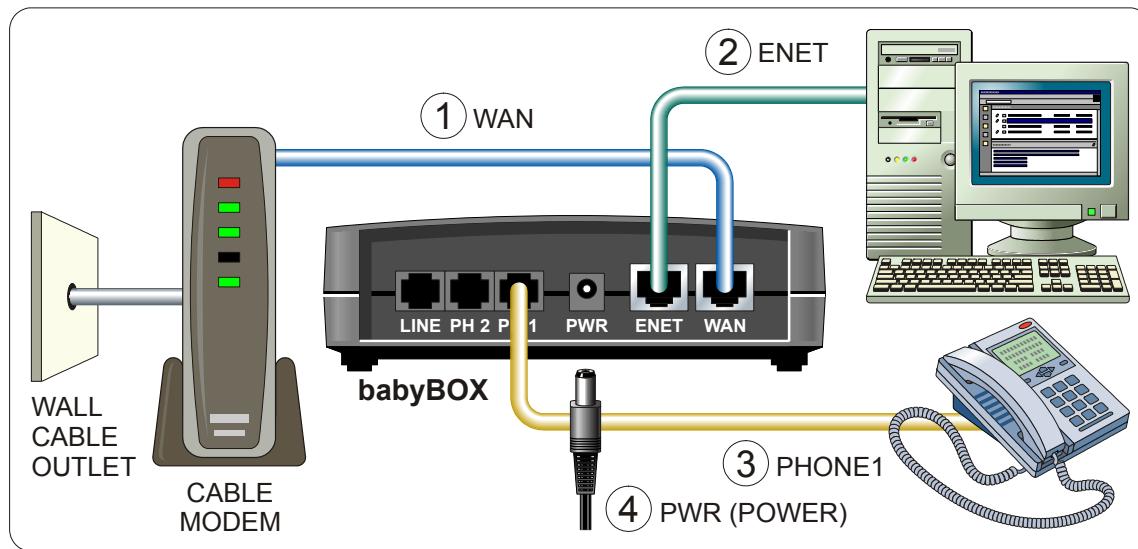


Figure 3: Cable Modem - Simple Setup

- (1) Connect an Ethernet cable from the Ethernet jack of the cable modem to the WAN jack of the babyBOX. [See [Figure 1: Cables](#) for an illustration of the various cables.]
- (2) Connect a second Ethernet cable from the ENET jack of the babyBOX to the Ethernet jack (also called Network Jack) of the computer.
- (3) Connect your telephone set to the PHONE1 jack of the babyBOX.
- (4) Power up the cable modem and wait a few moments for it to boot up. Plug the AC adapter that came with the babyBOX into a wall socket, or preferably, into a surge-protected power bar. With the cable modem now powered and ready, connect the power cord from the babyBOX power adapter to the PWR socket of the babyBOX.

Wait a few minutes for the babyBOX to boot up. When the lights on the babyBOX have stopped flickering and the VoIP light is on, you are ready to use the babyTEL service or surf the Internet. When you pick up the telephone receiver you should hear a dial tone. Dial a friend to see that it works.

DSL Modem - Simple Setup

You already have a DSL connection to the Internet. This means that you have everything you need.

Getting ready:

- If you have installed an Access Manager or some other high-speed connection software that was given to you by your ISP (Internet Service Provider), or if you have configured PPPoE on your PC, then first disable it on your PC. (Please contact your ISP for assistance.)
- Next, turn off the power to the DSL modem and leave it unpowered for two minutes. Disconnect the Ethernet cable that runs between the modem and the computer. [See [Figure 1: Cables](#) for an illustration of the various cables.] Unpack the babyBOX and preserve the original packaging in case you need to return the babyBOX to babyTEL for whatever reason. Now proceed as shown below.

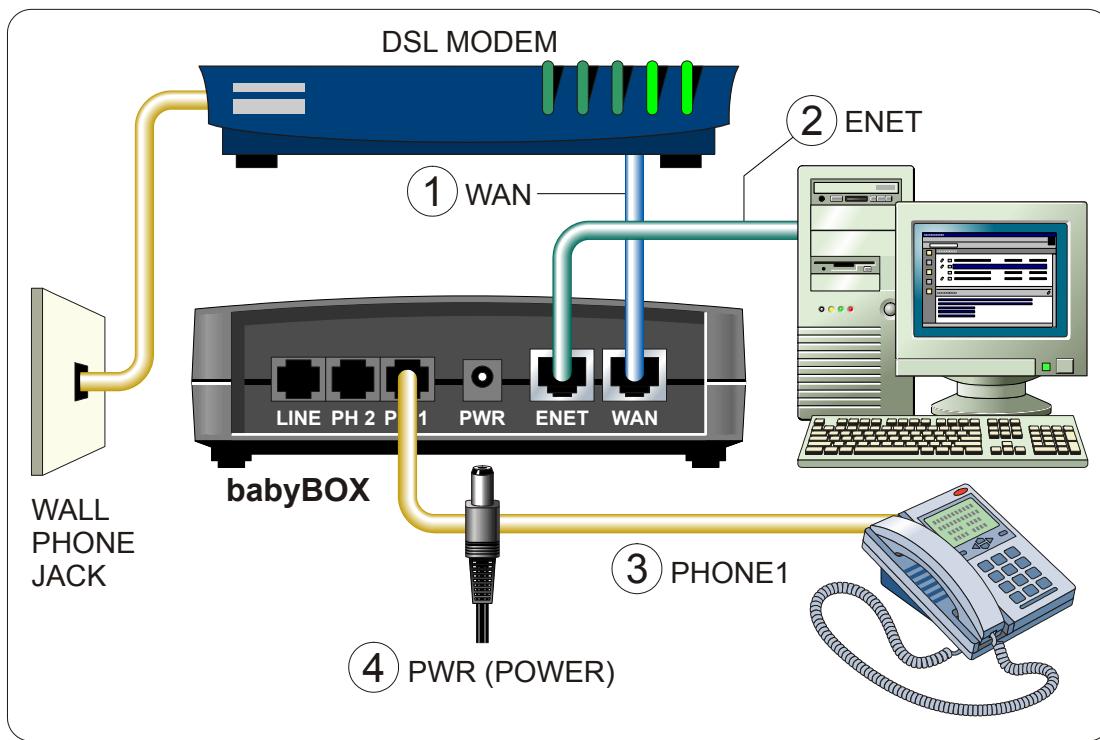


Figure 4: DSL Modem - Simple Setup

- Connect an Ethernet cable from the Ethernet jack (10Base-T) of the DSL modem to the WAN jack of the babyBOX. [See [Figure 1: Cables](#) for a view of the various cables.]
- Connect a second Ethernet cable from the ENET jack of the babyBOX to the Ethernet jack (also called Network Jack) of the computer.
- Connect your telephone set to the PHONE1 jack of the babyBOX.
- Power up the DSL modem and wait a few moments for it to boot up. Plug the AC adapter that came with the babyBOX into a wall socket, or preferably, into a surge-protected power bar. With the DSL modem now powered and ready, connect the power cord from the babyBOX power adapter to the PWR socket of the babyBOX.

Wait a few minutes for the babyBOX to boot up and the lights on the front panel to stop flickering. Now you have to do *one last thing* - configure the PPPoE settings in the babyBOX.

DSL Modem - PPPoE settings

Open your web browser (e.g. Internet Explorer).



Figure 5: Web browser

- (1) Enter the IP address of the babyBOX. This is normally set to 192.168.22.1 at the factory.
- (2) Click on Go (or press Enter on your keyboard).

The following password window will appear:

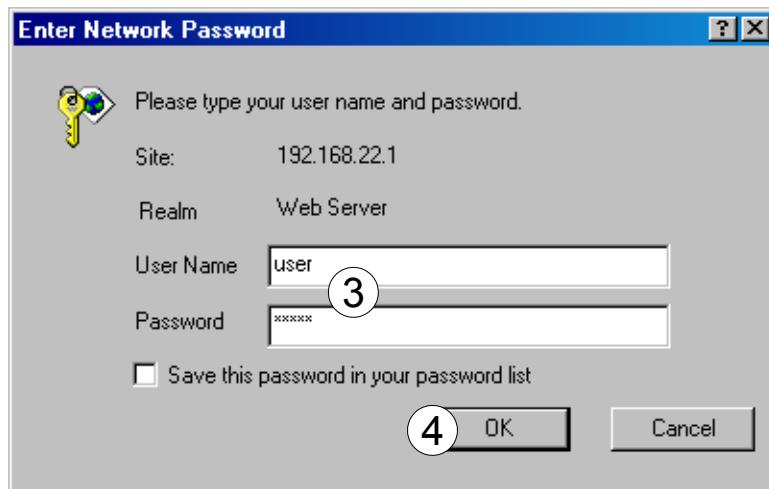


Figure 6: babyBOX - Password

- (3) Type "user" (without quotes) in the User Name field. Type "12345" (without quotes) in the Password field.
- (4) Click on OK.

The following home page will appear showing the System Status.

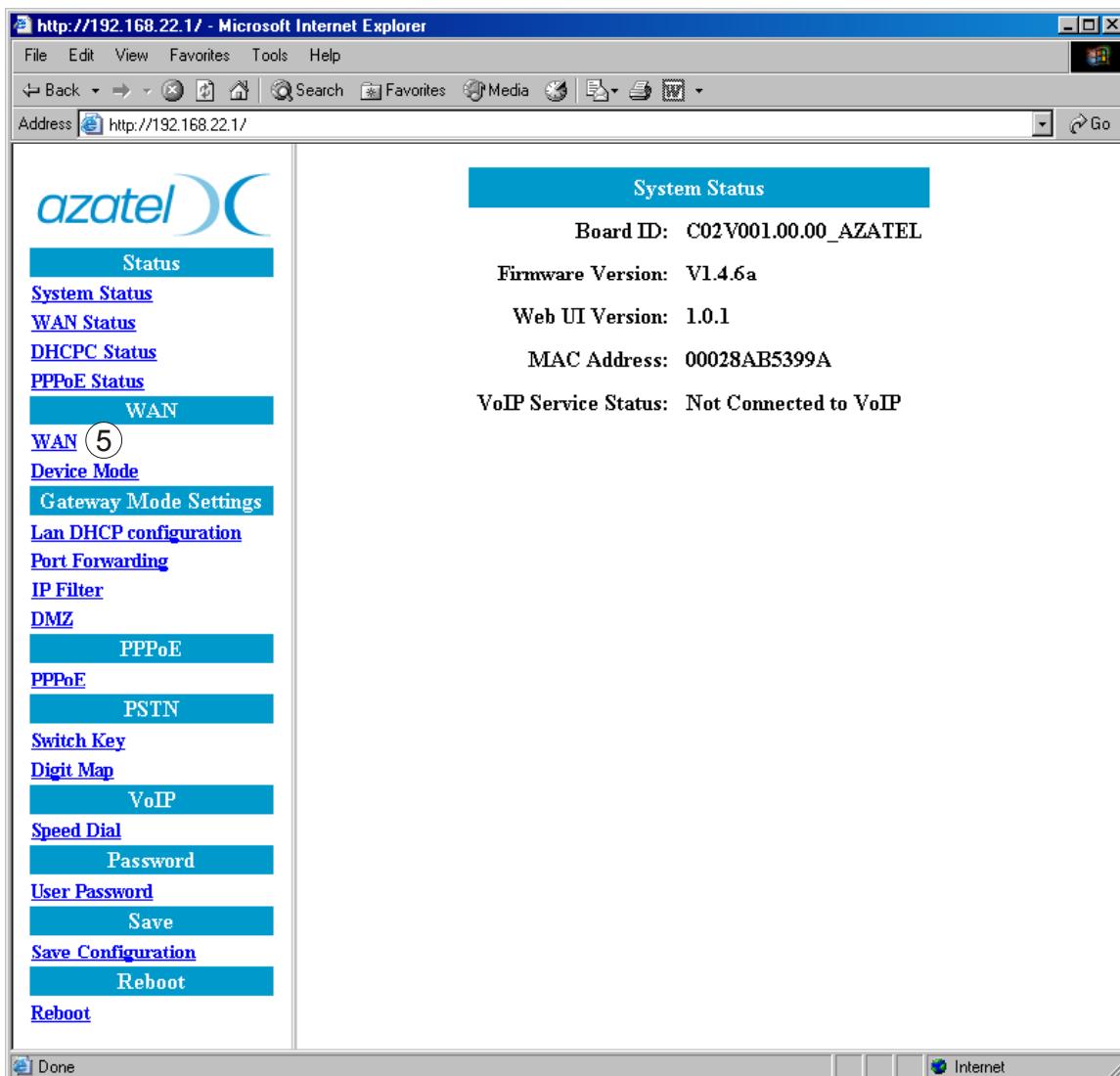


Figure 7: babyBOX - Home Page - Main Menu on the left

(5) Select WAN from the Main Menu.

The following WAN Configuration page will appear.

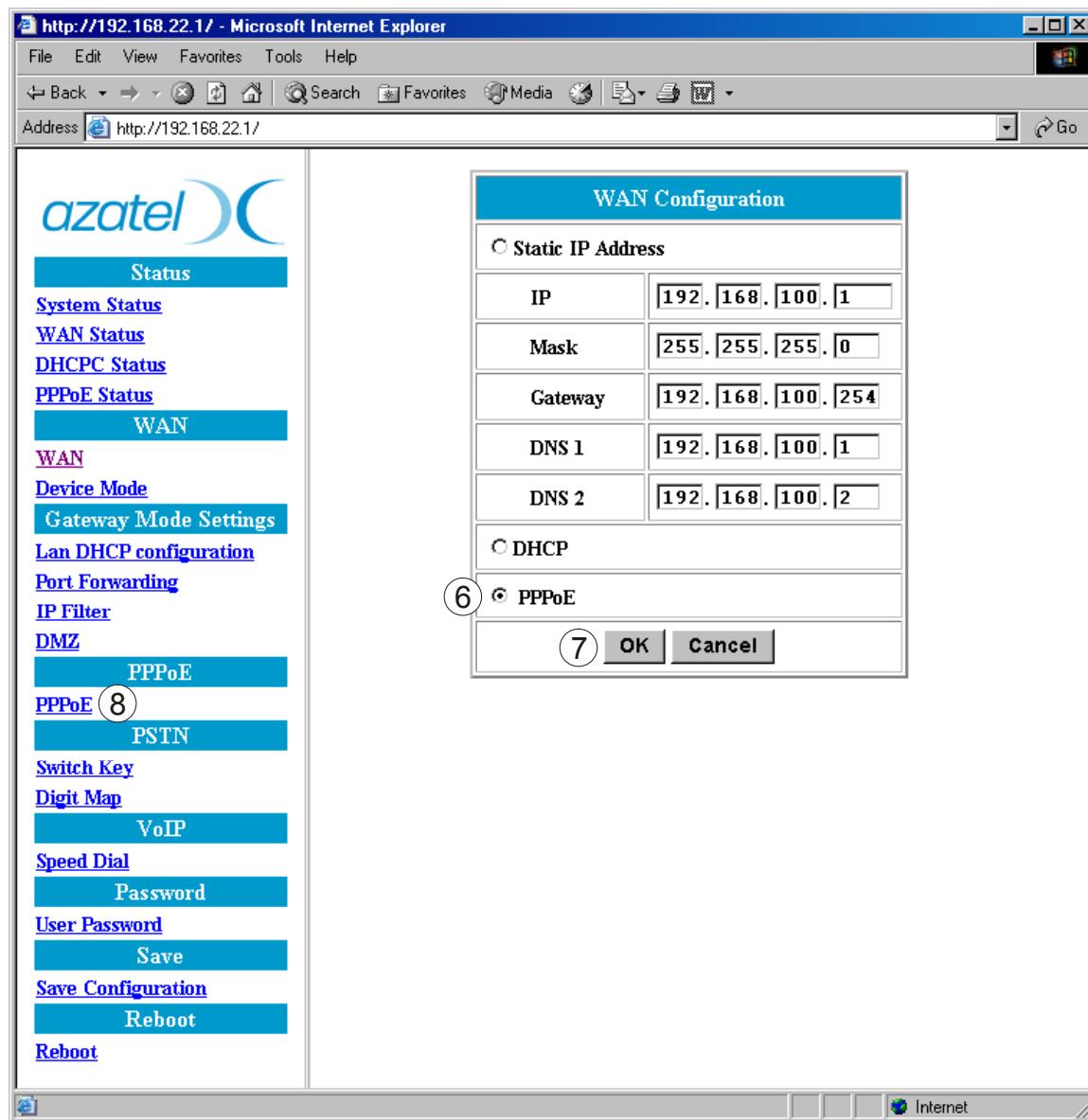


Figure 8: babyBOX - WAN

- (6) Enable PPPoE by clicking on the circle next to it. Ensure that the circle is checked off as shown.
- (7) Click on OK.
- (8) Now select PPPoE from the Main Menu to go to its own configuration page.

The following PPPoE Configuration page will appear.

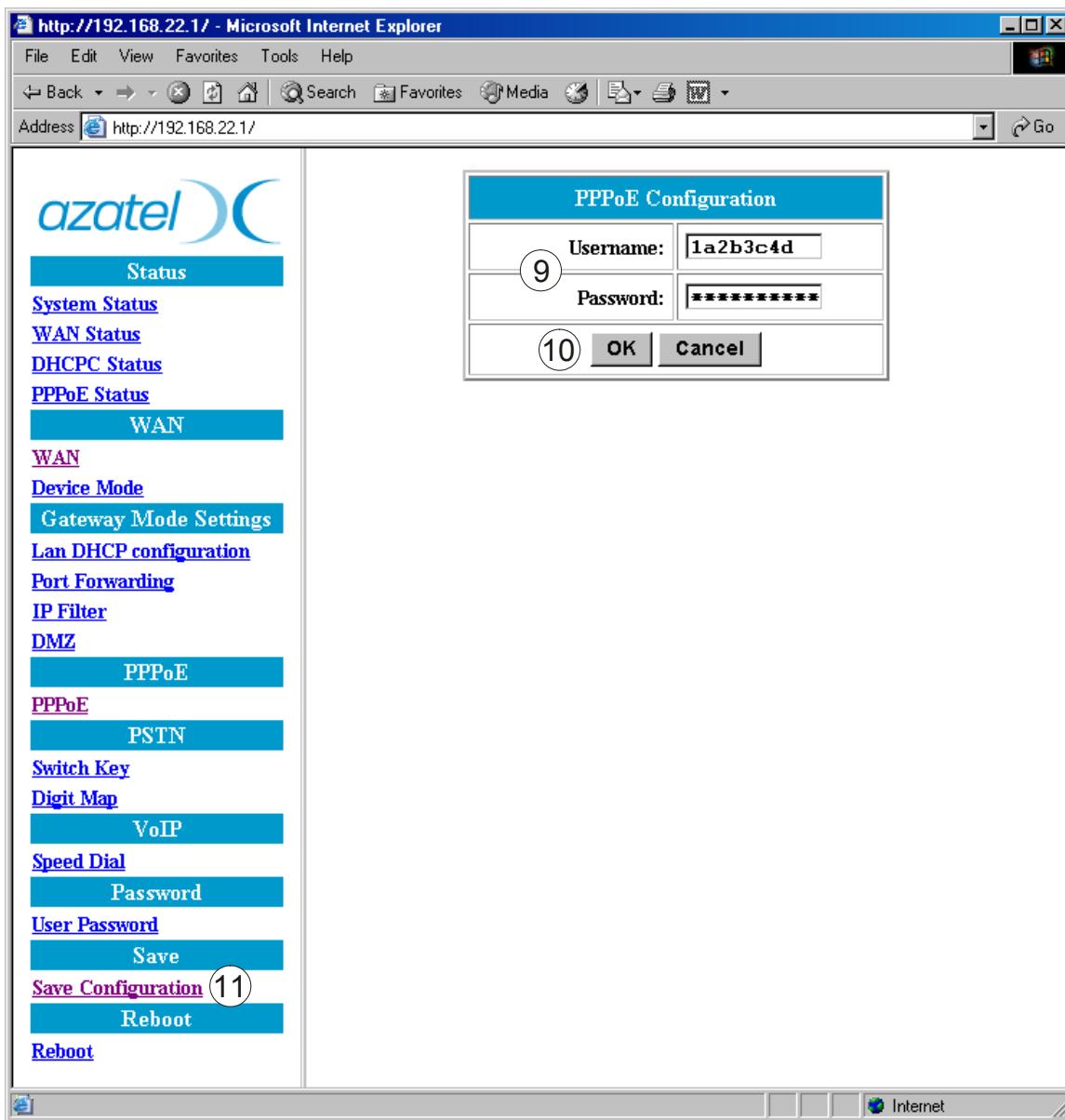


Figure 9: babyBOX - PPPoE

- (9) Enter the ID provided by your Internet service provider in the Username field. Enter the password provided by your Internet service provider in the Password field. (If you have changed your password since subscribing to your Internet service, enter the current one.)
- (10) Click on OK.
- (11) Select Save Configuration.

The following Save Configuration confirmation window will appear.



Figure 10: babyBOX - Save Settings

(12) Click on Save.

The following Reboot option will appear.



Figure 11: babyBOX - Reboot

(13) Click on Reboot.

Allow two minutes for the babyBOX to reboot. Close the Internet browser.

When the lights on the babyBOX have stopped flickering and the VoIP light is on, you are ready to use the babyTEL service or surf the Internet. When you pick up the telephone receiver you should hear a dial tone. Dial a friend to see that it works.

IMPORTANT

In the simple DSL setup shown above, your PC is directly connected to the babyBOX. If you have installed an Access Manager or some other high-speed connection software that was given to you by your ISP (Internet Service Provider), or if you have configured PPPoE on your PC, it will conflict with the PPPoE settings in the babyBOX. You must ensure that the ISP's software/configuration is disabled on your PC. As this procedure varies with ISPs, please contact your own ISP for assistance.

Cable/DSL Modem with Router - Multiple devices

You already have a high-speed connection to the Internet. If you are using a router with multiple output ports and have a port to spare, connecting the babyBOX is easy. Unpack the babyBOX and preserve the original packaging in case you need to return the babyBOX to babyTEL for whatever reason. Now proceed as shown below.

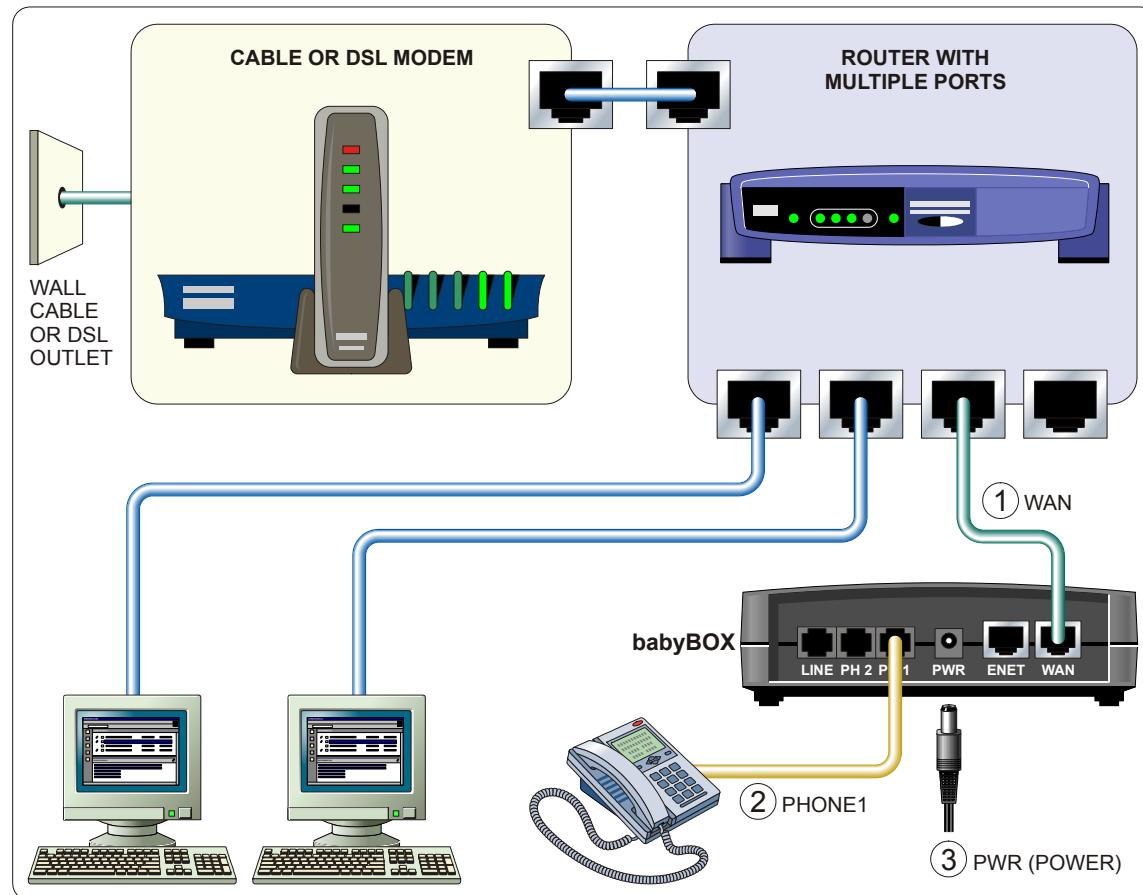


Figure 12: Router with Multiple Ethernet Ports

- (1) Connect an Ethernet cable from a spare Ethernet jack on the router to the WAN jack of the babyBOX. [See [Figure 1: Cables](#) for an illustration of the various cables.]
- (2) Connect your telephone set to the PHONE1 jack of the babyBOX.
- (3) Plug the AC adapter that came with the babyBOX into a wall socket, or preferably, into a surge-protected power bar. Connect the power cord from the adapter to the PWR socket of the babyBOX.

Wait a few minutes for the babyBOX to boot up. When the lights on the babyBOX have stopped flickering and the VoIP light is on, you are ready to use the babyTEL service. When you pick up the telephone receiver you should hear a dial tone. Dial a friend to see that it works.

IMPORTANT

The babyBOX works with most brands of routers seamlessly. However there may be some models with which it will not work. If you have persistent difficulty in making Internet telephone calls, please contact the babyTEL support department.

Automatic Updates

From time to time babyTEL may need to download updates to your babyBOX in order to keep your system current. This procedure is completely automatic and requires no action on your part.

CAUTION

During a download, which may take up to two minutes, the lights on your babyBOX may flicker. *Please do not turn off the power on the babyBOX during this time.*

Note that babyTEL will notify you by email prior to an update.

Technical assistance/Assistance technique: support@babytel.ca
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Questions ou commentaires: service@babytel.ca

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