



Welcome and Introduction

Thank you for purchasing DSL Internet service with Nucleus.

This manual contains all the information you need, not only to install the hardware required for the service, but also how to configure your personal computer. Please follow these instructions, and soon enough you'll be online and browsing the internet.

Should you have any issues with your service at all, we are just a phone call away.

Technical Support:

Calgary: (403) 509-4960
Edmonton: (780) 448-0460
Toll Free: (888) 466-6336

Email: support@nucleus.com

What's in the Box?

Your new DSL modem package should contain the following:

- One ADSL modem.
- One AC/DC power adapter for ADSL modem.
- One RJ45 to RJ45 Ethernet network cable.
- One RJ11 to RJ11 telephone cable.
- Up to four in-line micro-filters. (one per phone).



If for any reason you do not have the above listed equipment, please contact Nucleus as soon as possible.

Installing the Inline-Filters

Do you have a dry copper connection? Proceed to the next section. Not sure? Our support technicians can assist you.

As DSL internet uses the lines your existing phone service uses, from existing phone provider, it is important that we filter this signal out from your home phone service, while leaving the phone jack you are using for your DSL modem unfiltered.

To accomplish this, we must install inline micro filters at each phone in the house. Your DSL modem package should include up to four filters, you will want to place these on services that would require inline-filters such as phones, fax machines, caller-id boxes, analog modems, answering machines, etc.

IMPORTANT: Do you have a home alarm system? While inline-filters are an effective way to eliminate the DSL signal on devices such as phones, fax machines, etc., they cannot be applied to alarm systems. It is possible that your alarm system could cause interference for your modem. Should you have problems with your alarm, an onsite visit may be required to rectify this situation.

Should you have questions or require assistance. Please call the Nucleus Technical Support Department for further details.

Setting up your DSL Modem

Connecting the Ovislink DSL Modem

Step 1

Connect the DSL port of the DSL Modem with a telephone cable (RJ11 Cable), and then connect the other end to the wall phone jack.

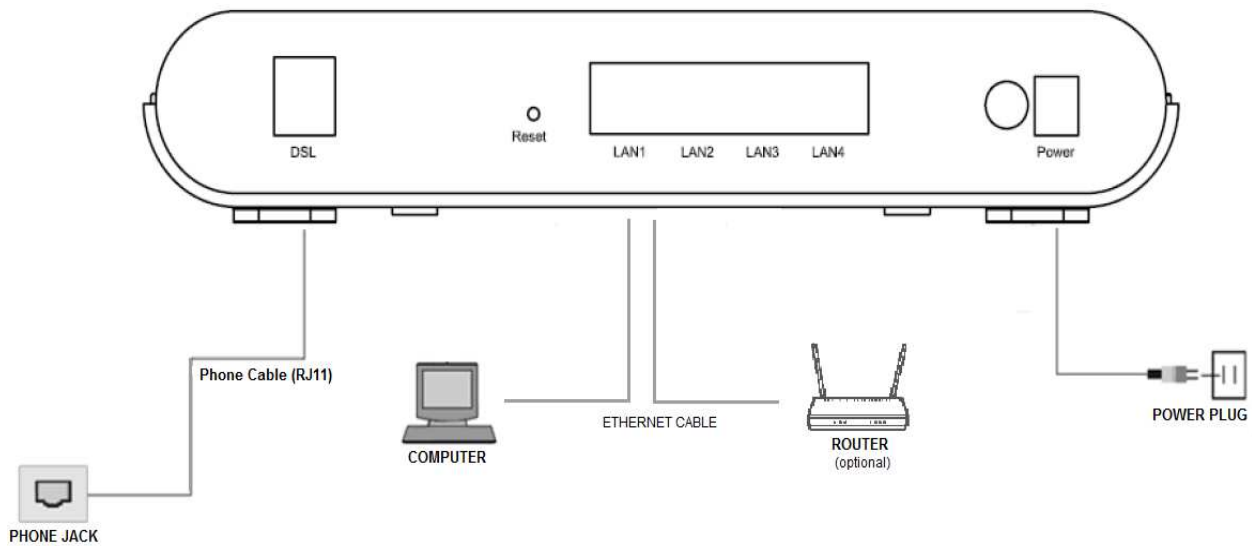
Step 2

Connect the LAN port of the DSL Modem to the network card of the PC via an Ethernet cable (RJ45). If you are using a router connect the Ethernet cable to the WAN port (Typically marked WAN or Internet port) and the other end to a LAN port on the DSL Modem.

Step 3

Plug one end of the power adapter to the wall outlet and then connect the other end to the Power port of the DSL Modem.

The following figure displays the connection of the DSL Modem, PC, and telephones




Connecting to the internet

In order to get started and begin browsing the internet you will need to configure your computer for a PPPoE internet connection. Please follow the steps below for setting up your connection based on your Operating System.

Windows Operating System

Create a PPPoE connection to the Internet (Windows Vista and up)

The Connect to the Internet wizard will guide you through the steps of setting up a Point-to-Point Protocol over Ethernet (PPPoE) Internet connection.

1. Open the Connect to the Internet wizard by clicking the Start button , clicking Control Panel, clicking Network and Internet, clicking Network and Sharing Center, clicking Set up a connection or network, and then clicking Connect to the Internet.
2. On the How do you want to connect? page, select Broadband (PPPoE).
3. Continue to follow the steps in the wizard.

Create a PPPoE client connection (Windows 2000, ME and XP)

You can install the PPPoE client just like you install any other dial-up networking connection. To create a PPPoE client connection, follow these steps:

1. Click Start, click Control Panel, and then double-click **Network and Internet Connections**.
2. Click Network Connections, and then click **Create a new connection** in the Network Tasks pane.
3. After the Network Connection Wizard starts, click Next.
4. Click **Connect to the Internet**, and then click Next.
5. Click **Set up my connection manually**, and then click Next.
6. Click either **Connect using a broadband connection that requires a user name and password** or **Connect using a broadband connection that is always on**.
7. Type the Internet service provider (ISP) name that your ISP provided, and then click Next.
8. Type the user name that the ISP provided.
9. Type the password that the ISP provided.
10. Type the password one more time to confirm it, and then click Next.
11. Click **Add a shortcut to this connection to my desktop**.
12. Click Finish to complete the wizard.

Connecting to the internet (continued)

Mac OS X 10.x.x

Connecting to the Internet with PPPoE in Mac OS X v10.6 and later

Steps to connect

1. From the **Apple (Apple Symbol)** menu, choose **System Preferences**.
2. From the **View** menu, choose **Network**.
3. Unlock the pane (if needed).
4. Click the "+" **button** in the bottom left corner to add a new interface.
5. Choose "PPPoE" as the Interface, and make sure "Ethernet" is selected in the "Ethernet" menu.
6. Click Create.
7. Type your username in the Account Name field.
8. Type your password in the Password field. If you want all users of this computer to use the same connection method, select the checkbox for "Save password."

Tip: To have the computer automatically connect whenever you open a network application (web browser, email, and so forth), click the Advanced button, select the PPP tab, and select the "Connect automatically when needed" checkbox.

Want to connect more devices? Our connections can support up to two devices connected directly to the modem with no additional charge. But say you want to use more than two or use wireless devices? Then you would need a router behind the modem to accomplish this as our modems do not have Wi-Fi capabilities. If you require a router we have routers available for purchase. Just give us a call to make arrangements.

Connecting Using a Router?

As the configurations of routers varies from router to router. Please consult the setup documentation that came with your router on setting up the router for a PPPoE connection, or call our Tech Support Department for additional assistance.



Contact Us

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