USB DIAL-UP MODEM Quick Start

This Quick Start describes the USB Dial-up modem installation for Windows®, Macintosh® and Linux systems.

Before You Begin

Before you install your USB Dial-up modem, make sure that you have the following items that were supplied:

- USB modem with built-in USB cable
- Phone cord
- CD
  The CD contains the installation software, documentation, and Customer Support information.

Important Safety Note

• To reduce the risk of fire, use the supplied phone cord or an AWG 26 or larger UL-listed or CSA-certified phone cord.

Getting Started

If your computer has a CD-ROM drive:

- *Windows 8, Windows 7, Vista, XP, and 2000 users:* Please go to **Installing the Modem on Windows 8, 7, Vista, XP, and 2000.**
- *Macintosh OS X users:* Please go to **Installing the Modem on Mac OS X 10.5 or Later** or **Installing the Modem on Mac OS X 10.0.x - 10.4.x**
- *Linux users:* Please go to **Installing the Modem on a Linux PC**.
- *Windows Me, 98SE or Macintosh 9.x users:* Please refer to the user manual on the CD.

Installing the Software if you DON'T have a CD-ROM drive in your computer

Windows 8 or Windows 7 users: Your computer will automatically recognize your modem. After your modem is installed, you will need to update the modem's drivers if you want to use the modem's voice or modem-on-hold features. Tin that case type into your Internet browser's address bar **http://www.zoomtel.com/support/dialup/3095F** and download the latest drivers. Follow the on-screen instructions to upgrade your modem's drivers.

All other users who don't have a CD-ROM drive: Connect to the Internet through an alternate computer (such as a computer at work) and download the software from Zoom's tech support page by typing into your Internet browser's address bar **http://www.zoomtel.com/support/dialup/3095F.**
Follow the on-screen instructions to download the software. Save the software onto a USB thumb drive. Plug the USB thumb drive into your computer and then download and install the software onto your computer.

Installing the Modem on Windows 8, 7, Vista, XP, and 2000

Install the Software

1 Make sure that your computer is powered on and that your modem is NOT plugged in. Close any applications that are running.
2 Insert the modem's CD into your CD or DVD drive.
  Windows 8: if the **Tap to choose what happens with this disk** appears, click the box and then select **Run Setup.exe**. If the **User Account Control** dialog appears, select **Yes**.
  Windows 7 / Vista: If the **AutoPlay** dialog appears, click **Run Setup.exe**. If the **User Account Control** dialog appears, select **Allow** or **Yes**.
  The CD should start automatically after a few seconds and display an installation screen. If the CD does not start automatically, select **Computer** or **My Computer** on your desktop and double-click the CD (or DVD) drive icon.
3 When the introductory window opens, select your language.
4 On the **Modem Installation** menu, click **Install Modem Drivers**, then **USB Drivers**.
5 The installation program begins.
  Windows 8: If a Windows security message box appears click **Install**.
  Windows 7 / Vista: If a publisher verification message appears, click **Install**.
  Windows XP: If a Windows logo test message appears, click **Continue Anyway.**
  Windows 2000: If a Digital Signature message appears, you can safely ignore it and click **Yes**.
6 On the **Device Driver Installation...**screen, click **OK**.
7 Next the **Netwaiting Modem on Hold Setup** screen appears. **Netwaiting** allows you to receive a phone call while you are online. (This requires Call Waiting service from your telephone company.) **Click Next** and follow the prompts if you want to install **Netwaiting**. If you do not want to install **Netwaiting**, click **Cancel** and then click **Yes** to cancel the setup.
8 On the **NetWaiting Setup InstallShield...** screen, click **Finish.**
9 On the **Modem Installation** screen, click **Main Menu**, then **Exit**.
10 Remove the installation CD and shut down your computer.

Connect the Modem and Confirm the Installation

1 Make sure that your computer is powered off.
2 Make a note of the modem's serial number, which is located on the bottom of the modem case, just under the barcode.
3 Plug the modem into any USB port on your computer.

4 Turn on your computer.
5 A popup notification message states that the new hardware installed successfully.

Windows 8 / Windows 7 / Vista: If a Windows driver installation message appears, select **Locate and install.** If the **User Account Control** message appears, click **Continue**.

Windows XP: If the **Found New Hardware...** window opens, select **Install the software automatically**, click **Next,** and follow the prompts. If a Windows logo test failure message appears, click **Continue Anyway**. If the **Completing the Found New Hardware Wizard** screen appears, click **Finish**

Windows 2000: If a Digital Signature message appears, you can safely ignore it and click **Yes**.

6 Connect the supplied phone cord to the phone jack on the modem. Plug the other end of the cord into the telephone wall jack just as you would to plug in a telephone.

7 *Windows 8:* Move the mouse to the lower right hand of the screen until the Charm bar appears and then select **Settings > Control Panel > Phone and Modem**.
Note: If you do not see **Phone and Modem** in the **Control Panel** window, change the **View by:** field from Category to Small icons or Large icons in the drop down box.

Windows 7: Select **Start > Control Panel > Phone and Modem**.
Note: If you do not see **Phone and Modem** in the **Control Panel** window, change the **View by:** field from Category to Small icons or Large icons in the drop down box.

Windows Vista: Select **Start > Control Panel > Printers and Other Hardware > Phone and Modem Options**.

Windows XP and 2000: Select **Start >Settings > Control Panel > Phone and Modem Options**.

8 If prompted, enter your **Location** information, then click the **Modems** tab.

9 On the **Modems** page, select the installed USB modem, then click the **Properties** button.

10 On the **USB Modem Properties** page (*for Windows 8 or Windows 7,* click on the **Modem** tab), verify that the **Maximum Port Speed** is set to 115,200, then click the **Diagnostics** tab.

11 On the **Diagnostics** page, click **Query Modem**. You will see a list of **AT** commands and responses, indicating that your modem is properly connected.

12 Click **OK** to close the **Diagnostics** page.

13 On the **Phone and Modem Options** page, click **OK** to exit.

That's it! Your modem installation is complete.

Important! If your PC already had a modem installed, you must redirect your application software so that it recognizes your new modem. In that case, please go to **Changing your Existing Connection** below. If you PC did not already have a modem installed, go to **Creating a New Dial Up Connection.**

Changing your Existing Connection

Only read this section if your PC already had a modem before you installed your new modem.

- *Windows 8 users:* Move the mouse to the lower right hand of the screen until the Charm bar appears then select **Settings > Control Panel > Network and Sharing Center > Change adapter settings.** (**Note:** You need to select small icons or large icons view in **Control Panel** to select **Network and Sharing Center**.) Select the connection, then right-click **Properties.** In the **Connect using** box make sure that your new USB modem is selected.

- *Windows 7 users:* Select **Start > Control Panel > Network and Sharing Center > Change adapter settings.** (**Note:** You need to select small icons or large icons view in **Control Panel** to select **Network and Sharing Center**.) Select the connection, then right-click **Properties.** In the **Connect using** box make sure that your new USB modem is selected.

- *Windows Vista users:* Select **Start > Control Panel > Network and Sharing Center > Manage Network Connections >Dial-up Connection**. Select the connection and right-click on **Properties**. Select the new USB modem in the **Connect using** box.

- *Windows XP and 2000 users:* Select **Start > Settings > Control Panel > Network Connections > Dial-up Connection**. Select the connection and right-click on **Properties**. Select the new USB modem in the **Connect using** box.

- *America Online 9.0 users:* On the AOL **Sign on** screen, click the **Connect Options** button. On the **Connect Options** screen, select **Advanced Settings**. On the **Advanced Settings** screen, click the **Modems** tab, select the new USB modem from the list, and click **Close** to exit.

Creating a New Dial-Up Connection

If you already changed your existing dial-up connection to use your USB modem than the following section does not apply to you. If you have never used dial-up networking to access the web on your computer follow the steps below:

Windows 8, Windows 7, and Vista Users:

1 Get to the **Setup a Connection or Network Wizard.**

Windows 8: Move the mouse to the lower right hand of the screen until the Char bar appears and then select **Settings > Control Panel > Network and Sharing Center > Set up a new connection or network**.
Note: If you do not see **Network and Sharing Center** in the **Control Panel** window, change the **View by:** field from Category to Small icons or Large icons in the drop down box.

Windows 7: Select **Start > Control Panel > Network and Sharing Center > Set up a new connection or network**.
Note: If you do not see **Network and Sharing Center** in the **Control Panel** window, change the **View by:** field from Category to Small icons or Large icons in the drop down box.

Windows Vista: Select **Start > Connect To > Setup a connection or network**

2 Select **Connect to the Internet and** then click **Next**.

3 Click on **Dial-up**.

4 Enter the **Phone Number, User Name**, and **Password** provided by your Internet Service Provider.

5 Click **Connect** to connect to the Internet.

Windows XP

1 Click **Start > Control Panel > Network and Internet Connections > Create a Connection to the Network at your Office**.

2 The **New Connection Wizard** should start. Select **Dial-up** then click **Next**.

3 Type a name for the network to which you are connecting and then click **Next**.

4 Type the phone number provided to you by your ISP. You may want to select the **Create a shortcut on your Desktop** checkbox to easily access your Internet connection.

5 Click **Finish.**

If you want to be able to receive a phone call while you're online

Windows 8, 7, Vista, XP and 2000 users: Your modem includes the **NetWaiting™ Modem-on-Hold**™ program, which notifies you when you have an incoming telephone call and lets you put your Internet connection on hold while you take the call. **Netwaiting** is installed automatically as part of your modem installation.

Note: If you want to use **Modem-on-Hold**, your Internet Service Provider (ISP) must support the V.92 dial-up modem standard. Contact your ISP if you are unsure about this support. Also, you must have Call Waiting/Caller ID service from your telephone company to use the modem's **Call Waiting/Caller ID** feature.

You must start **Netwaiting** yourself before connecting to the Internet or you can set up **Netwaiting** to start automatically when Windows starts. For more details about **NetWaiting**, refer to that program's help.

If someone calls while you are online, the **NetWaiting** dialog opens, offering three choices.

- Click the green **OK** icon to place your Internet connection on hold and accept the call.
- Click the yellow **Disconnect** icon to disconnect from the Internet and accept the call.
- Click the red **X** icon to reject the call and remain connected to the Internet.

For more details about **NetWaiting**, refer to that program's help.

Installing the Modem on Mac OS X 10.5 and Later

Connect the Modem to Your Computer

1. Plug the modem into an available USB port on your computer. Do **not** connect the modem to a USB port on a keyboard.
2. Connect the supplied phone cord to the phone jack on the modem. Plug the other end of the cord into the wall jack as you would to plug in a telephone.

Configure the Modem

1. On the Dock, select **System Preferences > Network** to open the **Network** pane.
2. On the Network Connections Services dialog, select **USB Modem** from the **Interface** menu, then enter a name for the modem in the **Service Name** field, and click **Create**.

   If the **USB Modem** does not appear in the list:
   - a Click the + button on the lower left of the **Network** pane.
   - b Select **USB Modem** from the **Interface** pull-down menu.
   - c Enter a name in the **Service Name** field.
   - d Click **Create**.

   The newly created modem appears in the **Network** pane's list.
3. On the **Network** pane, click the **Advanced** button.
4. On the **USB Modem** pane, click the **Modem** tab and select the new modem in the Vendor field and **Universal (115k)** in the **Model** field.
5. If your ISP has given you **DNS** or **Proxies** information, open those tabs and enter the information.
6. Click **OK** to return to the **Network** pane.
7. On the **Network** pane, enter the telephone number and account information that your ISP gave you, then click **Apply**.
8. Click **Connect** to open the Internet connection.
9. Click **Disconnect** when you finish the Internet session.

Installing the Modem on Mac OS X 10.0.x through X 10.4.x

Install the Modem Script File

1. Make sure that your computer is powered on. Close any applications that are running.
2. Open the Mac's hard drive icon, then open the **System > Library > Modem Scripts** folders.
3. Insert the modem's CD into the CD-ROM drive and open it by double-clicking its icon.
4. Open the **Mac** folder on the modem's CD and drag the **Universal (115k)** file from the **Mac** folder into the **Modem Scripts** folder on your computer's hard drive.
5. Close all open windows.

Connect the Modem to Your Computer

1. Plug the modem into an available USB port on your computer.
2. Connect the supplied phone cord to the phone jack on the modem. Plug the other end of the cord into the wall jack as you would to plug in a telephone.

Configure the Modem

1. On the Dock, select **System Preferences > Network** to open the **Network** pane.
2. Click **OK** when the **New Port Detected** message appears.
3. On the **Network** pane, select **USB Modem** from the **Show:** pull-down menu.
4. On the **PPP** tab, enter the information (given to you by your Internet Service Provider) in the available fields.
5. If your ISP gave you **TCP/IP** or **Proxies** information, click those tabs and enter the information.
6. Click the **Modem** tab, then select **Universal (115k)** from the **Modem** pull-down menu.
7. Accept the defaults for the additional options, then click **Apply Now.**
8. Click the **PPP** tab, then click **Dial Now** from the dialog to launch the Internet Connect application.
9. On the **USB Modem** dialog, click **Connect**.
10. When you finish your Internet session, click the **Disconnect** button.

That's it! Your installation is complete.

Important! If you use America Online for OS X, you must redirect your application software so that it recognizes your new modem. On the AOL **Welcome** screen, click the **Setup** button. On the **America Online Setup** dialog, select **Add or change a modem or other connection**. On the **New Modem Results** dialog, select **Universal (115K)** as the **Modem** option, and **USB Modem** as the **Port** option.

Installing the Modem on a Linux PC

1. Plug the modem into any USB port on your computer.
2. Connect one end of the supplied telephone cable to the phone jack on the modem, and the other end of the cable to a wall telephone jack.
3. Insert the modem CD into your CD-ROM drive, double-click the CD icon, and open the **Linux** folder.
   You will see four folders containing Linux drivers: **rpm**, **debian**, **tar**, and **Distribution-specific binary packages (easiest to install)**.
4. Select the appropriate folder for your version of Linux, and copy the folder to your computer.
5. From the command prompt, access the folder containing the driver.
   - To install the driver in .**rpm** or .**debian** format:
     a. Type su (for **.rpm**) or sudo (for **debian**) and press **Enter**.
     b. At the prompt, enter the superuser password.
     c. For **.rpm**, enter
        rpm -i dgcmodem.i386.rpm
        For .**debian**, enter
        dpkg -i dgcmodem_i386.deb
     d. At the enter the Linux source build directory that matches your running kernel.
     e. If necessary, run dgcconfig to complete the installation.
   - To install the driver in .**tar** format:
     a. Extract the driver with
        tar -xzf dgcmodem-1.01.tar.gz
     b. Change to the driver directory with cd dgcmodem-1.01
     c. Enter
        su make install
        or
        sudo make install
     d. At the prompt, enter your superuser password.
     e. Enter dgcconfig
     f. At the prompt, enter the Linux source build directory that matches your running kernel, and wait while the driver is installed.
6. Configure your PPP client program to use the USB modem.

That's it! Your installation is complete.

Using your Modem to Send Faxes

Instructions for using your modem to send and receive faxes for Windows and Macintosh are included in the full length user manual on the CD.

If You Need Help

If your modem is not working. try powering off and restarting your computer. If you need further help, please consult the *USB Modem User Guide* located on the CD.

Go to **http://www.zoomtel.com/support/dialup/3095F** for USB Dial-up modem update and support file information.

We can support you best if you register your product at **www.zoomtel.com/register**
We have many ways to assist you, and you can see them at **www.zoomtel.com/techsupport**

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FCC Interference Statement

The complete FCC Interference statement is available in the full length manual on the CD or at www.zoomtel.com/compliance.

CE Declaration of Conformity

This equipment complies with the requirements relating to electromagnetic compatibility, EN 55022/A1 Class B.

Zoom Telephonics, Inc. hereby declares that this router is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The complete Declaration of Conformity is available in the full length manual on the CD or at **www.zoomtel.com/compliance**.

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