

SpeedTouch™

USB/330

ADSL USB Modem

Installation and User's Guide



SpeedTouch™

USB/330

Installation and User's Guide

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1 The SpeedTouch™USB and SpeedTouch™330 Introduction

Welcome to the SpeedTouch™USB and SpeedTouch™330 ADSL USB modems !

With the Award-winning SpeedTouch™ Asymmetric Digital Subscriber Line (ADSL) modem surfing the Internet will become a whole new experience.

With download speeds up to 8 Megabits per second (Mbps), your SpeedTouch™ is the ideal solution for exploring the Internet, high-speed interactive gaming and enjoying online audio and video streaming.

With the included installation CD-rom the installation of the SpeedTouch™ is really straightforward : surfing the Internet is only a few clicks away.

Terminology

For readability, both the SpeedTouch™USB and SpeedTouch™330 will be referred to as SpeedTouch™ further in this User's Guide.

Safety instructions

Prior to connecting the SpeedTouch™, read the Safety Instructions.

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- SpeedTouch™ is a trademark of THOMSON multimedia.
- Windows™ and Internet Explorer™ are trademarks of Microsoft Corporation.
- Apple® and Mac® OS are registered trademarks of Apple Computer Inc.
- Netscape® and Netscape Navigator® are registered trademarks of Netscape Communications Corporation.

Other products may be trademarks or registered trademarks of their respective manufacturers.

Service Provider

For readability, the term Service Provider (SP) will be used to designate all organizations which provide either DSL connectivity, Internet access or Corporate access, for example an Internet Service Provider (ISP).

SpeedTouch™
documentation and
software updates

Due to the continuous evolution of ADSL technology, existing products are regularly upgraded.

For more information on the newest technological breakdowns, software upgrades, and documents, please consult:

- <http://www.speedtouch.com>

2 Get Acquainted to the SpeedTouch™

Introduction This chapter will assist you in getting acquainted with the SpeedTouch™ and will guide you through the first steps in preparing the SpeedTouch™ for Internet connectivity.

In this chapter This chapter contains the following topics:

| Topic | Page |
|--------------------------|------|
| 2.1. First Steps | 6 |
| 2.2. What You Need | 7 |
| 2.3. SpeedTouch™ Support | 8 |

2.1. First Steps

Delivery check Check your SpeedTouch™ package for the following items:

- One SpeedTouch™ USB or SpeedTouch™ 330
- 2m DSL cable (RJ11/RJ11, RJ14/RJ14)
- The SpeedTouch™ Installation CD-rom.

Damaged or missing items In the event of damaged or missing items, contact your local product dealer for further instructions.

Other materials Your SpeedTouch™ shipping carton may also include release notes, safety and conformity declarations and other materials.

Your SpeedTouch™ Unlike most traditional modems, the electronic circuitry of the SpeedTouch™ has been shaped into a stylish body. The input/output wiring is moulded in an ergonomically designed pigtail.

On the rear end of the pigtail you find the USB connector. That's the interface which connects the SpeedTouch™ to your Personal Computer (PC). The ADSL Line port is situated in the inline receptacle. This port connects the SpeedTouch™ to the ADSL highway.

Note: As you notice, there is no separate mains plug, cord, or power adapter. This is because the SpeedTouch™ is powered via the USB connection.

2.2. What You Need

ADSL and telephone service

ADSL service must be enabled on your telephone line.

As both telephone and ADSL service are simultaneously available from the same copper pair, you need a central splitter or distributed filters for decoupling ADSL and telephone signals.

Contact your Service Provider for more information.

WARNING

In all cases contact your ADSL Service Provider about splitter/filter installation !

Public telephone lines carry voltages that can cause electric shock. Only install splitter/filters yourself if these are qualified for that purpose.

Other splitter/filters may only be installed by qualified service personnel.

Service Provider

You must have a user account at an Internet Service Provider (ISP) for Internet access:

For this user account, it will provide you:

- A user name (logon ID)
- A password.

Note: The SpeedTouch™ supports two connection services: PPPoA and PPPoE.

Depending on the preferences of your Service Provider, the connection service suitable for your connectivity to the Service Provider, hence the Internet will be installed by the Installation CD-Rom delivered with your SpeedTouch™.

PC or computer

Your PC or computer must be equipped with an USB port capable of powering attached USB devices. You may also use an USB hub to connect the SpeedTouch™.

Note: Make sure you are not using low-powered USB ports to connect the Speed-Touch™. In case you are not sure of the type of USB port, see the User's Guide of your PC or USB port hub.

2.3. SpeedTouch™ Support

Supported Operating Systems

This User's Guide describes the installation and use of the SpeedTouch™ under following Operating Systems (OSs):

- Microsoft OSs (See chapter “3 SpeedTouch™ for Microsoft Windows” on page 9)
 - Microsoft Windows 98, 98SE and higher
 - Microsoft Windows Millennium
 - Microsoft Windows 2000/XP.
- Mac OSs (See chapter “4 SpeedTouch™ for Mac OS” on page 21)
 - Mac OS8.6
 - Mac OS9.x
 - Mac OS X (Mac OS10.1)

Note: Mac OS10.0 user are strongly recommended to download the free upgrade to Mac OS10.1.

Note: The SpeedTouch™ also supports Linux platforms. Refer to the Speedtouch Support pages for more information.

SpeedTouch™ driver software on the Internet

The Speedtouch Support pages on the Internet provide SpeedTouch™ software upgrades for download.

These upgrades are regularly updated and can be found at:

- <http://www.speedtouch.com>

Procedure

| Step | Action |
|----------|---|
| 1 | Download the newest web upgrade from the Internet to a location on your local PC or computer. |
| 2 | Browse to the location where the web upgrade resides. |
| 3 | Double-click it. |
| 4 | Follow all instructions. |

Installation procedure

When performing a web upgrade of the SpeedTouch™ software, the installation process could slightly differ with the initial installation procedure.

3 SpeedTouch™ for Microsoft Windows

Introduction This chapter describes how to install and use the SpeedTouch™ for Microsoft Windows OSs.

In this chapter This chapter contains the following topics:

| Topic | Page |
|---------------------------------|------|
| 3.1. Installing the SpeedTouch™ | 10 |
| 3.2. Using the SpeedTouch™ | 16 |

3.1. Installing the SpeedTouch™

Introduction This section will assist you in installing the SpeedTouch™ and preparing your PC for your Internet connectivity.

- Microsoft Windows**
- One of the following OSs must be readily installed on your PC:
 - Microsoft Windows 98/98SE or Microsoft Windows ME
 - Microsoft Windows 2000 or Microsoft Windows XP
You may need the Windows installation CD-rom during installation.
 - For Windows98/98SE/ME:
 - Pentium processor 166 MHz, or higher (or compatible)
 - 32 Mega Byte (MB) of memory, or more.
 - For Window2000/XP :
 - Pentium II processor, or higher (or compatible)
 - 64 MB of memory, or more.
 - 30 MB of free disk space
 - Microsoft Dial-Up Networking (default installed with the OS)
 - A Web browser, e.g. Netscape Navigator, Internet Explorer, ... for surfing the Internet.
-

Two installation methods As your SpeedTouch™ is a true Plug-and-Play device you can use two different installation procedures:

- The SpeedTouch Setup wizard (application) Installation
By inserting the SpeedTouch™ Installation CD-rom, a wizard automatically guides you through all needed installation steps.
- The Plug-and-Play Compliant Installation
The installation procedure is initiated by connecting the SpeedTouch™ to your PC's USB port.

It does not matter which method you use, both are equally valid.

In this section, the SpeedTouch Setup wizard (application) installation is fully described. In case you experience problems with this installation, you can try the Plug-and-Play compliant installation, shortly described at the end of this section.

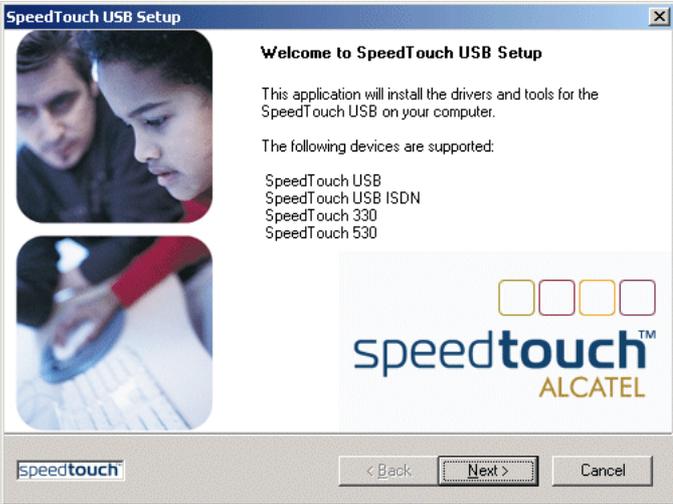
Windows OS differences The installation procedures might be slightly different depending on the Microsoft Windows OS you are using:

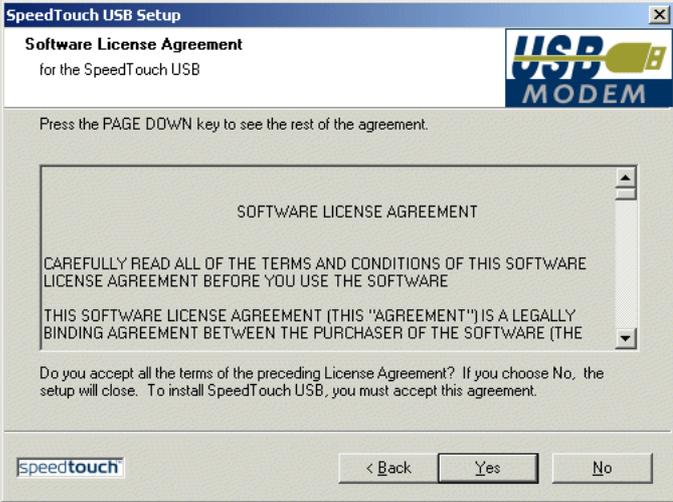
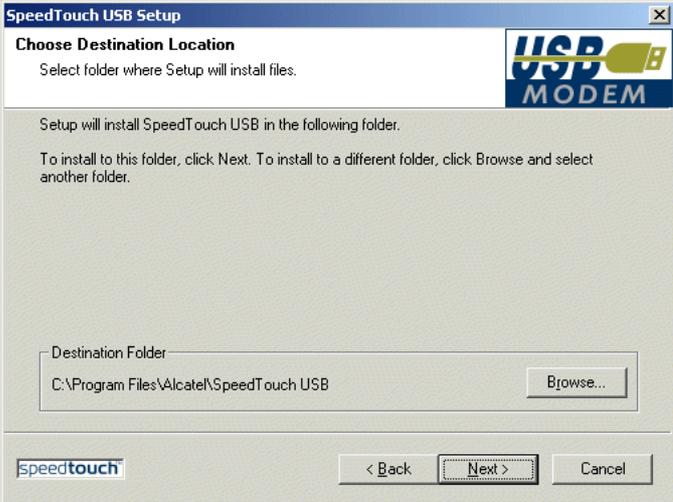
- Some windows will look differently
- On Windows 98/98SE no 'Digital Signature' window will pop up
- For Windows 98/98SE, at the end of the installation procedure, you may be asked to enter an area code for Dial-up connections.

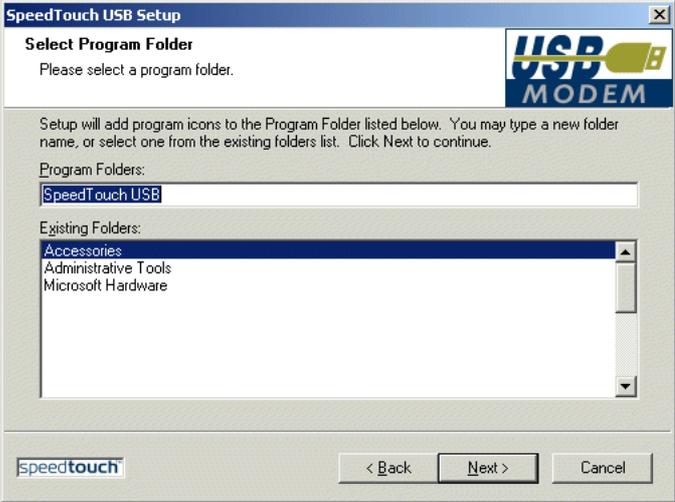
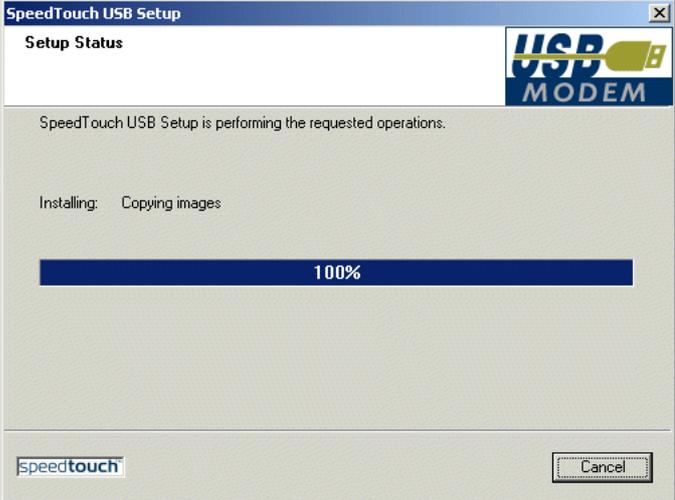
Previous SpeedTouch™ installations

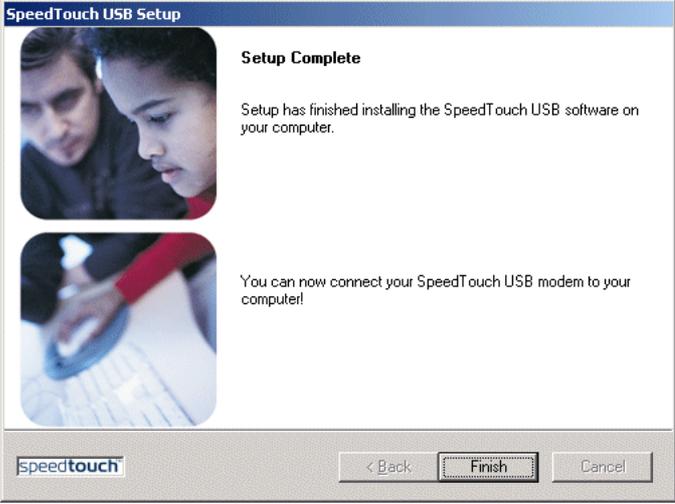
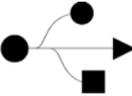
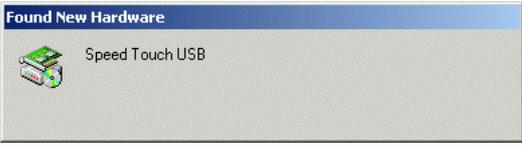
In case the SpeedTouch™ was already installed on your system, the SpeedTouch Setup wizard (application) allows also an upgrade, removal or repair of the existing Speed-Touch™ installation.

The SpeedTouch Setup wizard (application) installation

| Step | Action |
|------|--|
| 1 | <p>Insert the SpeedTouch™ Installation CD-rom in your PC's CD-rom drive. The SpeedTouch Setup wizard (application) will start automatically. Note: In case the SpeedTouch Setup wizard (application) does not start automatically, open a 'Run' window via Start > Run from the Start menu and enter following path: D:\Setup.exe, where D stands for the drive letter of your CD-rom drive.</p> |
| 2 | <p>The SpeedTouch™ Setup program prepares the SpeedTouch Setup wizard (application):</p>  <p>As soon as the preparation is finished, the SpeedTouch Setup wizard (application) will start automatically.</p> |
| 3 | <p>The 'Welcome to SpeedTouch™ setup' window pops up:</p>  <p>Click Next to proceed.</p> |

| Step | Action |
|-----------------|--|
| <p>4</p> | <p>The 'Software License Agreement for SpeedTouch™' window pops up:</p>  <p>Click Yes to accept the terms of the agreement and to continue the installation.</p> |
| <p>5</p> | <p>The following window allows you to choose a destination folder for the SpeedTouch™ driver software:</p>  <p>In most cases the proposed destination is best suited for the SpeedTouch™ driver software. Click Next to proceed.</p> |

| Step | Action |
|----------|---|
| 6 | <p>The 'Select Program Folder' window pops up:</p>  <p>Click Next to proceed.</p> |
| 7 | <p>The SpeedTouch Setup wizard (application) copies SpeedTouch™ driver software to your local disk:</p>  <p>Note for Windows ME/2000/XP user only: If a 'Digital Signature' window pops up, click Yes to continue.</p> |

| Step | Action |
|------------------|--|
| <p>8</p> | <p>The 'Setup Complete' window pops up to announce that installation is finished:</p>  <p>Click Finish to close the SpeedTouch Setup wizard (application).</p> |
| <p>9</p> | <p>Plug the ADSL cable, provided in your package, into the receptacle of the SpeedTouch™. Plug the other end of the ADSL cable into the wall socket terminating ADSL service. Note: Depending onto which pins of the wall socket the ADSL signals are assigned, it might be necessary to plug in an RJ11 interchanger into the wall socket prior to connect the ADSL cable.</p> |
| <p>10</p> | <p>Plug the SpeedTouch™'s USB connector into the PC's USB port. An USB port can be easily located, it is marked with the typical USB symbol:</p>  |
| <p>11</p> | <p>The 'Windows found New Hardware' wizard will automatically continue with the installation of the SpeedTouch™ ADSL modem device:</p>  |
| <p>12</p> | <p>The installation continues with the creation of the appropriate PPP Dial-Up Networking connections.</p> |
| <p>13</p> | <p>At the end of the procedure the 'Speed Touch Dial-Up' window pops up, allowing you to immediately connect to the Internet (See section “3.2. Using the SpeedTouch™” on page 16). The installation of the SpeedTouch™ is now finished. The SpeedTouch™ is now prepared for connecting you to the Internet.</p> |

The Plug-and-Play compliant installation

As an alternative to the SpeedTouch Setup wizard (application) installation you can also install the SpeedTouch™ using the Plug-and-Play compliant installation.

| Step | Action |
|----------|--|
| 1 | Connect the SpeedTouch™ to the ADSL wall socket and the PC. Note: ADSL must be available, as well as the appropriate central splitter or distributed filters. |
| 2 | Windows will automatically recognize the SpeedTouch™. The Windows 'Found new Hardware' wizard pops up. This wizard will guide you through the installation procedure. Follow all the instructions. In most cases you only have to click Next to proceed with the installation procedure. |
| 3 | At some point the SpeedTouch™ Installation CD-Rom will be requested. At this point the SpeedTouch Setup wizard (application) will continue with the installation of the SpeedTouch™ software and applications. |
| 4 | The installation continues with the creation of the appropriate PPP Dial-Up Networking connections. |
| 5 | At the end of the procedure the 'Speed Touch Dial-Up' window pops up, allowing you to immediately connect to the Internet (See section "3.2. Using the SpeedTouch™" on page 16). The installation of the SpeedTouch™ is now finished. The SpeedTouch™ is now prepared for connecting you to the Internet. |

Installation results

After you have correctly followed the installation procedures, regardless whether the SpeedTouch Setup wizard (application) installation or the Plug-and-Play compliant installation procedures was used, the following folders and icons are added to your system:

- SpeedTouch USB program folder:
The SpeedTouch USB folder is added containing two SpeedTouch™ applications:
 - SpeedTouch USB Dial-Up
 - SpeedTouch USB Diagnostics.
- Desktop SpeedTouch Dial-up icon:
A SpeedTouch Dial-up icon is added to your desktop.
- System tray SpeedTouch status icon:
An SpeedTouch™ status icon is added to the system tray, allowing instant status information of the SpeedTouch™.
- Microsoft Dial-Up Networking folder:
A Dial-Up Networking icon is added for SpeedTouch™ connectivity.

3.2. Using the SpeedTouch™

SpeedTouch™ status icon As soon your SpeedTouch™ is installed, a SpeedTouch™ status icon is shown at your desktop's system tray.

SpeedTouch™ status icon colors The SpeedTouch™ status icon is colored, depending on the state of the SpeedTouch™ device. If you position your mouse pointer over the SpeedTouch™ status icon, a message pops up:

| System tray icon | Message | Description |
|---|---|--|
|  | ADSL Modem Modem not plugged in | The SpeedTouch™ is not plugged into the PC's USB port. An ADSL connection can not be established. |
|  | ADSL Modem Initializing ADSL line | The SpeedTouch™ is plugged in, but has not (yet) accomplished synchronization over the ADSL line. |
|  | ADSL Modem. Sent : X bytes Received : Y bytes | The SpeedTouch™ is connected, and synchronized, and has, up to this moment, sent X bytes, and received Y bytes over the ADSL line. |

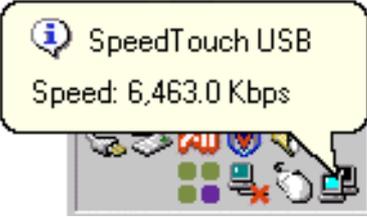
SpeedTouch™ Diagnostics The SpeedTouch™ status icon is also a short-cut to the SpeedTouch™ Diagnostics application. This application allows you to overview some detailed parameters and settings of your SpeedTouch™ and the current connection.

Refer to the SpeedTouch™ Diagnostics Guide for more information. The latest version of the Diagnostics Guide can always be downloaded from the SpeedTouch Support pages.

How to make a connection

Proceed as follows:

| Step | Action |
|----------|--|
| 1 | <p>Double-click the 'SpeedTouch Dial-up' icon on your desktop:</p>  <p>SpeedTouch Dial-up</p> <p>Or open the SpeedTouch™ Dial-up window via Start > Programs > Speed-Touch USB > SpeedTouch USB Dial-up.</p> |

| Step | Action |
|----------|--|
| 2 | <p>As a result the SpeedTouch™ Dial-up window pops up:</p>  <p>Note: The example figure shows the Dial-up window in case of PPPoE connectivity. In case of PPPoA connectivity the 'Service Name' entry field is not available.</p> |
| 3 | Enter user name and password for your user account at the Service Provider. |
| 4 | In case of PPPoE connectivity, you may need to choose a Service Name, which is provided by your Service Provider. |
| 5 | Click Connect. |
| 6 | <p>As soon the connection is made, the connection message box and dial-up window are minimized into a DUN icon in the system tray:</p>  |

On the Internet

As soon as you are connected, your web browser will open and browse to Alcatel's consumer web page. In case your web browser does not open automatically, you must open it manually.

DUN icon in the system tray

While you are connected, you can find the DUN icon showing two PCs connected to each other in the system tray:



The DUN icon itself symbolizes activity on the connection:

- A flashing “Front” PC symbolizes upstream (Tx) link activity (from your local PC towards the remote device).
- A flashing “Behind” PC symbolizes downstream (Rx) link activity (from the remote device towards your PC).

In case you position your mouse pointer over the DUN icon, a dialog box pops up.

How to release a connection

Proceed as follows:

| Step | Action |
|-----------------|---|
| <p>1</p> | <p>Double-click the 'SpeedTouch Dial-up' icon on your desktop:</p>  <p>SpeedTouch Dial-up</p> <p>Or open the SpeedTouch™ Dial-up window via Start > Programs > Speed-Touch USB > SpeedTouch USB Dial-up.</p> |
| <p>2</p> | <p>As a result the SpeedTouch™ Dial-up window pops up:</p>  |
| <p>3</p> | <p>Click Disconnect. The connection is released. No Internet connectivity exists anymore.</p> |

Configuring multiple entries

In case you have more than one account, and/or multiple SpeedTouch™ connected to your PC, you can create multiple DUN entries for the SpeedTouch™, with specific credentials, properties and home web page.

DUN entries are controlled via the Connect button in the SpeedTouch™ Dial-up window.

4 SpeedTouch™ for Mac OS

Introduction This chapter describes how to install and use the SpeedTouch™ for Mac OSs.

In this chapter This chapter contains the following topics:

| Topic | Page |
|---|------|
| 4.1. Installing the SpeedTouch™ | 22 |
| 4.1.1. Installation for Mac OS8.6 and Mac OS9.x | 23 |
| 4.1.2. Installation for Mac OS X (Mac OS10.1) | 26 |
| 4.2. Using the SpeedTouch™ | 31 |
| 4.2.1. Using the SpeedTouch™ in Mac OS8.6 and Mac OS9.x | 32 |
| 4.2.2. Using the SpeedTouch™ in Mac OS X (Mac OS10.x) | 35 |

4.1. Installing the SpeedTouch™

Introduction This section will assist you in installing the SpeedTouch™ and preparing your computer for your Internet connectivity.

Installation The installation depends on the Mac OS you are running:

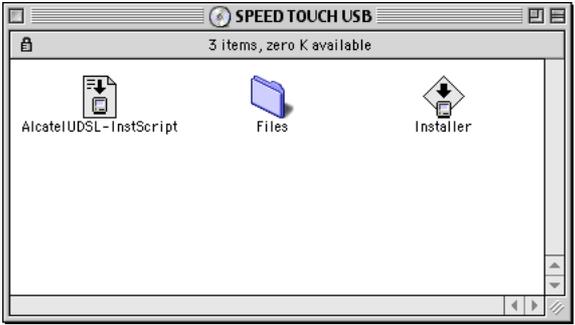
In case of:

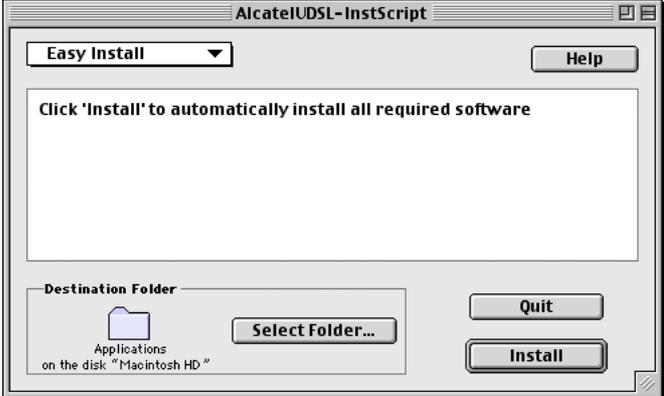
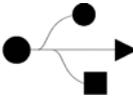
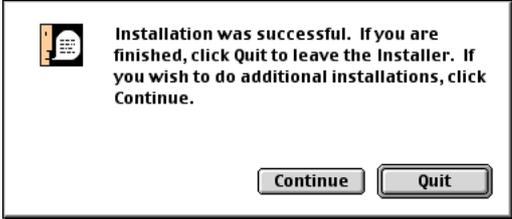
- Mac OS 8.6 or Mac OS9.x
Proceed with subsection “4.1.1. Installation for Mac OS8.6 and Mac OS9.x” on page 23.
- Mac OS X (Mac OS10.x)
Proceed with subsection “4.1.2. Installation for Mac OS X (Mac OS10.1)” on page 26.

4.1.1. Installation for Mac OS8.6 and Mac OS9.x

- Mac OS
- One of the following OSs must be readily installed on your computer:
 - Mac OS8.6 or Mac OS9.x
 - 640 Kilo Byte (KB) of free disk space
 - A Web browser, e.g. Netscape Navigator, Internet Explorer, ... for surfing the Internet.

SpeedTouch™ installation

| Step | Action |
|----------|---|
| 1 | Insert the SpeedTouch™ Installation CD-rom in your computer's CD-rom drive. |
| 2 | <p>On your desktop the CD-rom icon will appear:</p>  <p>Double-click the CD-rom icon to proceed.</p> |
| 3 | <p>The CD-rom contents window pops up:</p>  <p>Double-click  to start the SpeedTouch™ installer.</p> |

| Step | Action |
|-----------------|---|
| <p>4</p> | <p>A Welcome screen appears that describes the steps in the installation process:</p>  <p>Click Install to proceed.</p> |
| <p>5</p> | <p>During installation a screen shows the installation progress. At the end of the installation procedure, the following screen appears:</p>  <p>Click OK to proceed.</p> |
| <p>6</p> | <p>Plug the ADSL cable, provided in your package, into the inline receptacle of the SpeedTouch™. Plug the other end of the ADSL cable into the wall socket terminating ADSL service. Note: Depending onto which pins of the wall socket the ADSL signals are assigned, it might be necessary to plug in an RJ11 interchanger into the wall socket prior to connect the ADSL cable.</p> |
| <p>7</p> | <p>Plug the SpeedTouch™'s USB connector into the computer's USB port. An USB port can be easily located, it is marked with the typical USB symbol:</p>  |
| <p>8</p> | <p>A dialog box appears to announce that the installer has finished installation:</p>  <p>As no further installation is required for the SpeedTouch™, click Quit to leave the installer.</p> |

Installation results

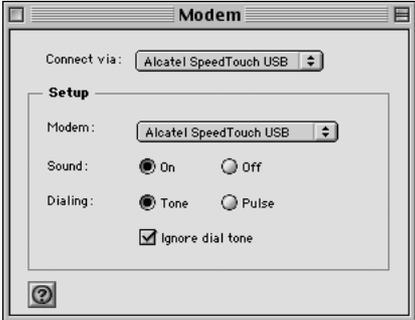
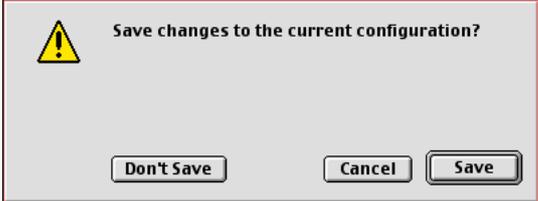
After you have correctly followed the SpeedTouch™ installation procedure, the following applications and icons are added to your system:

- SpeedTouch USB added in modem list:
In the list of available modems, the Alcatel SpeedTouch USB is added
- SpeedTouch USB status and Diagnostics icon:
An SpeedTouch™ status icon is added to the control strip, allowing instant status information of the SpeedTouch™.

Additional configuration

Next to the installation of the SpeedTouch™ software, the SpeedTouch™ must be configured as default modem for the remote access application.

Proceed as follows:

| Step | Action |
|----------|--|
| 1 | <p>Open the Modem control panel:</p>  |
| 2 | <p>Check for the following: In the 'Connect via' field, Alcatel SpeedTouch USB must be selected:</p>  <p>In the 'Modem' field, Alcatel SpeedTouch USB must be selected:</p>  <p>In case other selections are made, make the appropriate adaptations:</p> |
| 3 | <p>Close the Modem control panel. A dialog box appears asking whether you want to save the changes you made:</p>  <p>Click Save to save your changes to the configuration.</p> |

4.1.2. Installation for Mac OS X (Mac OS10.1)

- Mac OS
- The following OS must be readily installed on your computer:
 - Mac OS X (Mac OS10.1)
Note: Mac OS10.0 user are strongly recommended to download the free upgrade to Mac OS10.1.
 - 100 Mega Byte (MB) of free disk space
 - A Web browser, e.g. Netscape Navigator, Internet Explorer, ... for surfing the Internet.

SpeedTouch™ software installation

| Step | Action |
|----------|---|
| 1 | Insert the SpeedTouch™ Installation CD-rom in your computer's CD-rom drive. |
| 2 | On your desktop the CD-rom icon will appear:  Double-click the CD-rom icon to proceed. |
| 3 | The CD-rom contents window pops up:  Double-click  to open the Mac OS10.x installation folder. |
| 4 | In the Mac OS10.x folder, double-click  to start the installation. |

| Step | Action |
|------|--|
| 5 | <p>In case an Administrator password was set, you must provide it before the Installer is able to continue with the SpeedTouch™ installation:</p>  <p>The 'Authenticate' dialog box has a title bar 'Authenticate'. Below the title bar is a message: 'You need an administrator name and password or phrase to make changes in Installer.' To the left of the message is a small icon of a floppy disk. Below the message are two input fields: 'Name: John Doe' and 'Password or phrase: *****'. At the bottom right are 'Cancel' and 'OK' buttons.</p> <p>Provide Name and Password or Phrase and click OK to proceed.</p> |
| 6 | <p>A Welcome and Readme screen subsequently pops up. Click each time Continue to proceed.</p> |
| 7 | <p>The Software License Agreement screen pops up:</p>  <p>The 'Software License Agreement' screen has a title bar 'Install Alcatel SpeedTouch USB'. On the left is a navigation pane with 'License' selected. The main area shows the 'ALCATEL SOFTWARE LICENSE AGREEMENT' text. At the bottom are 'Print...', 'Save...', 'Go Back', and 'Continue' buttons.</p> <p>You must agree to it before you are able to continue. Click Continue and Agree to proceed.</p> |
| 8 | <p>The following screen allows you to select a destination volume to install the SpeedTouch™:</p>  <p>The 'Select a Destination' screen has a title bar 'Install Alcatel SpeedTouch USB'. It shows three hard drive icons labeled 'OS 91 949MB', 'OS 92 949MB', and 'OS X 3.7GB'. Below them is a CD icon labeled 'Speed_Touch_USB 3.0MB'. A green arrow points to the 'OS X 3.7GB' drive. At the bottom are 'Go Back' and 'Continue' buttons.</p> <p>Select a destination. Your selection will be highlighted by a green arrow:</p>  <p>The image shows a close-up of the 'OS X 3.7GB' drive icon with a green arrow pointing down to it.</p> <p>Click Continue to proceed.</p> |
| 9 | <p>The Installer has now all information to continue with the installation. Click Install to start the installation.</p> |

| Step | Action |
|-----------|--|
| 10 | <p>At the end of the installation procedure, the following screen appears:</p>  <p>Click Close to finish the installer.</p> |

SpeedTouch™
hardware installation

| Step | Action |
|----------|---|
| 1 | <p>Plug the ADSL cable, provided in your package, into the inline receptacle of the SpeedTouch™. Plug the other end of the ADSL cable into the wall socket terminating ADSL service.</p> <p>Note: Depending onto which pins of the wall socket the ADSL signals are assigned, it might be necessary to plug in an RJ11 interchanger into the wall socket prior to connect the ADSL cable.</p> |
| 2 | <p>Plug the SpeedTouch™'s USB connector into the computer's USB port. An USB port can be easily located, it is marked with the typical USB symbol:</p>  |

Installation results

After you have correctly followed the SpeedTouch™ installation procedure, the following applications and icons are added to your system:

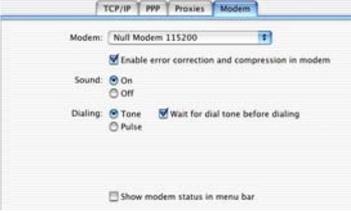
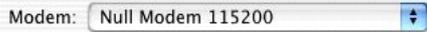
- SpeedTouch USB added in network list:
In the Network panel, the Alcatel SpeedTouch USB is added in the list of available network devices.
- Dock SpeedTouch USB status icon:
An SpeedTouch™ status icon is added to the Dock, allowing instant status information of the SpeedTouch™.
- SpeedTouch USB Diagnostics application:
A SpeedTouch™ Diagnostics icon is added to the applications folder.

Additional configuration

Next to the installation of the SpeedTouch™ software, you must configure it for Internet connectivity.

Proceed as follows:

| Step | Action |
|------|---|
| 1 | Open your System Preferences and click  to open the network panel. |
| 2 | Select the SpeedTouch™ from the list of available network devices: Show: <input type="text" value="Alcatel SpeedTouch USB"/> |
| 3 | The first tab 'TCP/IP' of the Network panel shows the TCP/IP settings for the SpeedTouch™ network connection:  Check that the connection is configured for PPP connectivity: Configure: <input type="text" value="Using PPP"/> |
| 4 | Click the 'PPP' tab. This panel shows the PPP configuration:  Enter the following information: In the 'Account Name' field, your user name for your User Account at the Internet Service Provider, e.g.: Account Name: <input type="text" value="john.doe@My_ISP"/> In the 'Password' field the password for this user name. Password: <input type="password" value="*****"/> Note: Tick 'Save password' in case you want the computer to remember your user name, and password: <input checked="" type="checkbox"/> Save password <small>Checking this box allows all users of this computer to access this Internet account without entering a password.</small> Optionally you can enter a name for this connection in the 'Service Provider' field. All other fields may stay empty. |

| Step | Action |
|----------|--|
| 5 | Click the 'Proxies' tab. This panel shows the proxy settings. By default all fields are empty, i.e. no proxies are used. As this suits the required Speed-Touch™ configuration, no changes are needed in this panel. |
| 6 | <p>Click the final tab 'Modem'. This panel shows the modem configuration:</p>  <p>From the list of modems select the 'Null Modem 115200':</p>  <p>Leave the other modem settings unchanged.</p> |
| 7 | Run through all panels again to check whether all configurations are correctly done as described above and click Apply Now to apply the settings. |
| 8 | To prevent further changes you can click the lock to secure your settings. From then on changes are only possible after providing the Administrator password. |

4.2. Using the SpeedTouch™

Introduction This section will show you how to use the SpeedTouch™ to make a connection to the Internet and how you can check the SpeedTouch™ status.

Installation The use of the SpeedTouch™ depends on the Mac OS you are running:

In case of:

- Mac OS 8.6 or Mac OS9.x
Proceed with subsection “4.2.1. Using the SpeedTouch™ in Mac OS8.6 and Mac OS9.x” on page 32
- Mac OS X (Mac OS10.1)
Proceed with subsection “4.2.2. Using the SpeedTouch™ in Mac OS X (Mac OS10.x)” on page 35.

4.2.1. Using the SpeedTouch™ in Mac OS8.6 and Mac OS9.x

SpeedTouch™ status icon

As soon your SpeedTouch™ is installed, an SpeedTouch™ status icon is shown at your desktop's control strip:



Note: In case the control strip is not visible, you must activate it via the Apple menu > Control Panels > Control Strip. In case the SpeedTouch™ status icon is not visible, you can drag the control strip to enlarge it.

SpeedTouch™ status icon colors

The SpeedTouch™ status icon is colored, depending the state of the SpeedTouch™ device:

| SpeedTouch™ status icon color | Description |
|---|---|
|  | The SpeedTouch™ is not plugged into the computer's USB port. An ADSL connection can not be established. |
|  | The SpeedTouch™ is plugged in, but has not (yet) accomplished synchronization over the ADSL line. |
|  | The SpeedTouch™ is connected, and synchronized. |

SpeedTouch™ Diagnostics

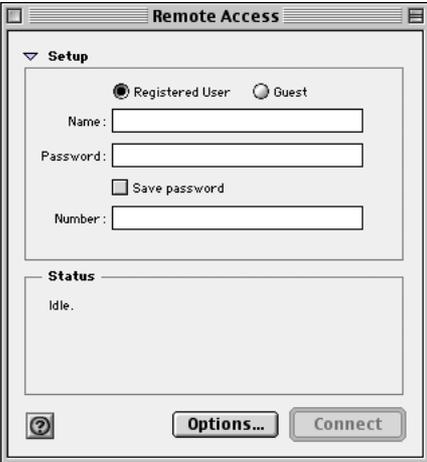
The SpeedTouch™ driver software features a Diagnostics application. This application allows you to overview some detailed parameters and settings of your SpeedTouch™ and the current connection.

a shortcut to the application can be found in the 'Application' folder on your system startup disk.

Refer to the SpeedTouch™ Diagnostics Guide for more information. The latest version of the Diagnostics Guide can always be downloaded from the Alcatel Support web pages.

How to make a connection

Proceed as follows:

| Step | Action |
|----------|--|
| 1 | In the control strip, click the Remote Access icon  and select 'Open Remote Access':  |
| 2 | As a result the 'Remote Access' window appears:  |
| 3 | Enter user name and password for your user account at the Service Provider. Note: Tick 'Save password' in case you want the application to remember your user name, and password. |
| 4 | In case of PPPoA connectivity you must enter a digit, e.g. 0, into the 'Number' field. In case of PPPoE connectivity you may need to enter a Service Name, which is provided by your Service Provider. |
| 5 | Click Connect. |
| 6 | As soon the connection is made you can open your web browser and surf the Internet. |

Note In case you ticked the 'Save password' box, the next time, you can open a connection by simply clicking the Remote Access icon in the control strip, and selecting 'Connect':



How to release a connection

To release a remote access connection, click the Remote Access icon in the control strip, and select 'Disconnect':

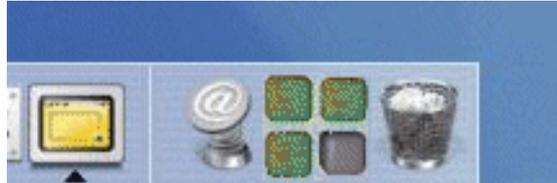


As a result the connection is released. No Internet connectivity exists anymore.

4.2.2. Using the SpeedTouch™ in Mac OS X (Mac OS10.x)

SpeedTouch™ status icon

As soon your SpeedTouch™ is installed, an SpeedTouch™ status icon is shown in the Dock:



SpeedTouch™ status icon colors

The SpeedTouch™ status icon varies depending the state of the SpeedTouch™ device:

| SpeedTouch™ status icon color | Description |
|---|---|
|  | The SpeedTouch™ is not plugged into the computer's USB port. An ADSL connection can not be established. |
|  | The SpeedTouch™ is plugged in, but has not (yet) accomplished synchronization over the ADSL line. |
|  | The SpeedTouch™ is connected, and synchronized. |

SpeedTouch™ Diagnostics

The SpeedTouch™ driver software features a Diagnostics application. This application allows you to overview some detailed parameters and settings of your SpeedTouch™ and the current connection.

You can open the Diagnostics by clicking the SpeedTouch™ status icon and selecting 'Alcatel SpeedTouch™'. Alternatively, a shortcut to the application can be found in the 'Application' folder on your system startup disk.

Refer to the SpeedTouch™ Diagnostics Guide for more information. The latest version of the Diagnostics Guide can always be downloaded from the Alcatel Support web pages.

How to make a connection

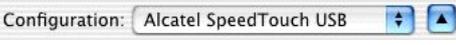
Proceed as follows:

| Step | Action |
|-----------------|---|
| <p>1</p> | <p>Open the 'Applications' folder on your Mac OS10.x system startup disk:</p>  <p>Double-click  to open the Internet connect application.</p> |
| <p>2</p> | <p>The following screen appears:</p>  <p>If needed select the SpeedTouch™ from the list of available network devices in the 'Configuration' field:</p>  |
| <p>3</p> | <p>Click Connect.</p> |
| <p>4</p> | <p>As soon the connection is made you can open your web browser and surf the Internet.</p> |

How to release a connection

Proceed as follows:

| Step | Action |
|-----------------|---|
| <p>1</p> | <p>Double-click the Internet connect icon from the Dock:</p>  |

| Step | Action |
|----------|--|
| 2 | <p>The following screen appears:</p>  <p>If needed select the SpeedTouch™ from the list of available network devices in the 'Configuration' field:</p>  |
| 3 | <p>Click Disconnect. As a result the connection is released. No Internet connectivity exists anymore.</p> |

5 Troubleshooting

Solving problems This appendix provides information on how to identify and correct some common problems you may encounter when using the SpeedTouch™.

In most cases the described solutions will solve the problem.

However, if the problem keeps persistent, reinstallation of your SpeedTouch™ might solve the problem.

If reinstallation has not resolved the problem, contact the company from which you purchased the SpeedTouch™ for assistance.

SpeedTouch™ LEDs Your SpeedTouch™ is equipped with two Bi-colored LEDs . These indicators indicate the status of the SpeedTouch™. Checking the SpeedTouch™ status may be a first step in isolating the problem.

Start-up phases At startup, the SpeedTouch™ passes three phases:

| Phase | USB LED | | ADSL LED | | Description |
|---------------------------|---------|---------------------------|----------|------------------|--|
| | Color | Timing | Color | Timing | |
| Attaching and Configuring | Red | Flashing, very short time | Off | — | The Speed-Touch™ is attached. |
| | Green | Solid, 2 seconds | Green | Solid, 2 seconds | Ready to continue. |
| Downloading | Green | Flashing, 1 to 10 seconds | Off | — | Downloading driver software from computer. |
| | | Solid | Amber | Solid | Download successful. |
| Connecting to ADSL | Green | Solid | Green | Flashing | Pending ADSL line synchronization. |
| | | | | Solid | Ready for connectivity. |

Failed POST When a Power on Self Test (POST) failed, both LEDs are solid amber.

Normal operation during a session

In this state the USB LED is assigned to the downstream (R_X) data channel (towards the USB connection).

The ADSL LED is assigned to the upstream (T_X) data channel (towards the ADSL channel).

Both LEDs stay green. When an ATM cell is processed in a channel, the associated LED will go off for a short time.

USB bus congestion

The USB LED flashes red during a session in case of USB bus congestion.

Solution table

| Indication & Problem | Solution |
|---|---|
| Speed Touch™ USB does not work: No LEDs light up. There is no power supplying connection. | Verify the SpeedTouch™ connections. Check if the SpeedTouch™'s cord is damaged in any way. When using a portable computer in battery mode, it is possible that its USB port is not powered. Refer to the portable's User's Guide for more information. Check if the SpeedTouch™ is not connected to a low-powered USB hub port. Refer to the USB hub's User' Guide for more information. |
| Speed Touch™ USB installation failed. | Verify your computer is running one of the supported OSs and that it meets the according minimum requirements. Check whether the SpeedTouch™ is not connected to a low-powered USB hub port. Refer to the USB hub User's Guide for more information. |
| USB LED flashes red, or stays solid red. | Your USB port congests, meaning that too much traffic is passing through the port. Avoid using multiple high speed USB devices, e.g. scanners, speaker, etc. during heavy duty, e.g. a data download. |
| Both USB LED and ADSL LED are solid amber. | Power On Self Test (POST) failed. Check whether the connections are correctly made. |

