



# **Internet Phone Wizard**

**Model #: UP101**

## **User Manual**

*Solutions for the Digital Life™*

# Table of Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
	Package Contents	1
	Features	2
	System Requirements	2
	Getting to Know the Internet Phone Wizard	3
	Technical Support	4
<b>2</b>	<b>Installing Skype™ Software</b>	<b>5</b>
	Downloading and Installing Skype	5
	Creating a Skype Account	8
	Adding Accounts	9
	Assign a Speed-Dial Number	12
<b>3</b>	<b>Connecting the Internet Phone Wizard Hardware</b>	<b>15</b>
	Single Line Connection	15
	Dual Line Connection	17
<b>4</b>	<b>Installing the Internet Phone Wizard Software</b>	<b>21</b>
<b>5</b>	<b>Using the Internet Phone Wizard</b>	<b>25</b>
	Before Making a Call	25
	Calling an Internet Telephone	26
	Calling a Traditional Telephone	26
	Receiving a Call	27
	Ending a Call	27
	Switching Between Regular Call and Internet Call Modes	27
	Call Waiting Alert	27
	Quick Reference Table	28
<b>6</b>	<b>Troubleshooting</b>	<b>29</b>
<b>a</b>	<b>Specifications</b>	<b>31</b>
	<b>Notices</b>	<b>33</b>
	Regulatory Compliance Notices	33
	Modifications	33
	Miscellaneous Legal Notices	34
	<b>Limited Warranty</b>	<b>35</b>

**This page left intentionally blank.**

# Introduction

# 1

Thank you for purchasing the Actiontec Internet Phone Wizard. The Internet Phone Wizard allows you to make free calls over the Internet and budget calls with Skype™ anytime, anywhere. With the Internet Phone Wizard, you can use your regular phone to make long distance calls and even international calls at dramatically reduced rates. If you want to take your communications to the next level, and save money while doing it, the Actiontec Internet Phone Wizard is sure to be one of the keys to your success.



---

## Package Contents

- Actiontec Internet Phone Wizard
- USB cable
- Telephone cable (RJ-11)
- Quick Start Guide
- Installation CD-ROM (includes this user guide)

## **Features**

- Excellent voice quality
- Low international calling rates
- Works with Skype
- Easily switch between regular (analog) and Internet phone modes
- Call waiting and ringback operations supported
- No special settings or configuration for use with firewall
- No external power required

---

## **System Requirements**

### **Minimum**

- Computer running at 400 MHz or better, with a USB port, 128 MB RAM, and a CD-ROM drive.
- Microsoft Windows 2000, XP
- A touch-tone analog phone
- LAN or modem-based Internet connection
- Skype application (available free from [www.skype.com](http://www.skype.com))

### **Recommended**

For better voice quality and performance:

- Computer running at 1 GHz or better, with a USB port, 256 MB RAM, and a CD-ROM drive
- A touch-tone analog phone and an analog telephone line
- Broadband Internet connection

## **Getting to Know the Internet Phone Wizard**

This section contains a quick description of the Internet Phone Wizard's lights and ports. The Internet Phone Wizard has several indicator lights (LEDs) on its front panel and a series of ports on its rear panel.

### **Front Panel**

The front panel of the Internet Phone Wizard features three lights: Regular Call, Internet Call, and Ready.



#### ***Regular Call***

The Regular Call light illuminates when the Internet Phone Wizard is in regular (analog) phone mode, blinks rapidly when an incoming regular call comes in, and blinks steadily when a regular call is on hold.

#### ***Internet Call***

The Internet Call light illuminates when the Internet Phone Wizard is in Internet phone mode, blinks rapidly when an incoming Internet call comes in, and blinks steadily when an Internet call is on hold.

#### ***Ready***

The Ready light illuminates when the Internet Phone Wizard is correctly connected to the computer and ready to answer calls.

### **Rear Panel**

The rear panel of the Internet Phone Wizard contains three ports: USB, Line, and Phone.

#### ***USB Port***

The USB port is used to connect a computer to the Internet Phone Wizard via USB cable.

#### ***Line Port***

The Line port is used to connect the Internet Phone Wizard to a wall phone line outlet or modem via phone cable.

#### ***Phone Port***

The Phone port is used to connect the Internet Phone Wizard to a telephone via phone cable.

---

### **Technical Support**

Actiontec Electronics prides itself on making durable, high-quality, high-performance products. If you need assistance, the Actiontec Technical Support Department is available all day every day to provide professional support.

#### **Actiontec Electronics, Inc.**

760 N. Mary Avenue  
Sunnyvale, CA 94085

#### ***Technical Support***

Phone: (USA) 1-888-436-0657  
(UK) 0845-65-80411

E-mail: [http://support.actiontec.com/email\\_support/support\\_form.php](http://support.actiontec.com/email_support/support_form.php)  
Internet: [www.actiontec.com/support](http://www.actiontec.com/support)

# Installing Skype™ Software

# 2

The first step in setting up the Internet Phone Wizard is installing Skype on the computer. This chapter describes the Skype installation procedure in four parts: downloading and installing Skype, creating an account, adding contacts, and assigning speed-dial numbers.

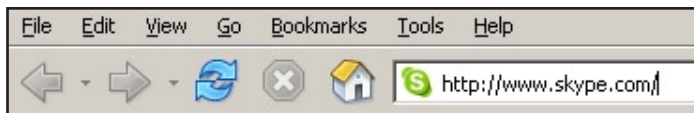
---

## Downloading and Installing Skype

If Skype has already been installed on the computer, make sure it is the latest version. If it is, skip this section and go to “Assigning a Speed-Dial Number” on page 12. If not, install the latest version by following this procedure:

1. Open an Internet browser, and, in the address bar, enter:

<http://www.skype.com/>



2. When the Skype web page appears, click **Download Skype now. It's free.**



3. After downloading, double-click on the “SkypeSetup” icon.





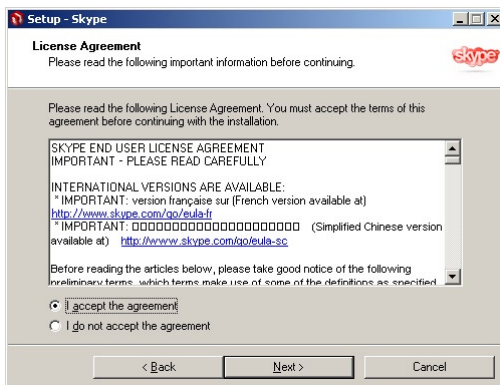
4. In the window that appears, select a language, then click **OK**.



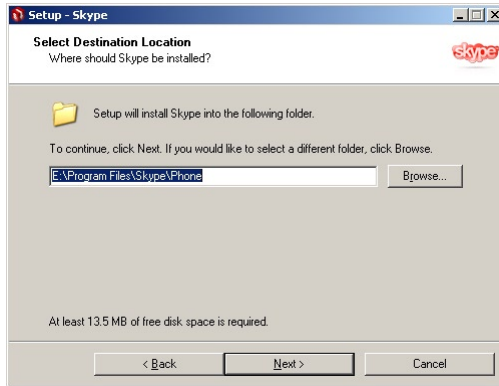
5. The “Skype Setup Wizard” appears. Read the on-screen instructions, then click **Next**.



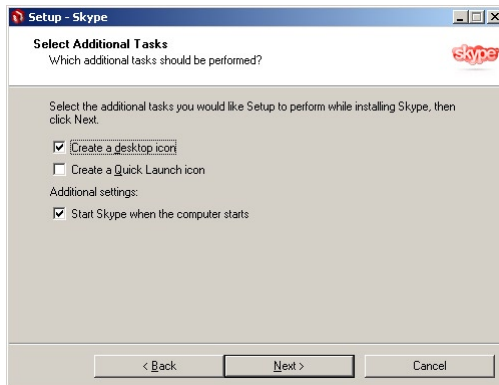
6. In the next window, click in the circle next to “I accept the agreement,” then click **Next**.



7. Select a location on the computer's hard drive to download the Skype software, then click **Next**.



8. In the next window, set up additional tasks, if needed, then click **Next**.



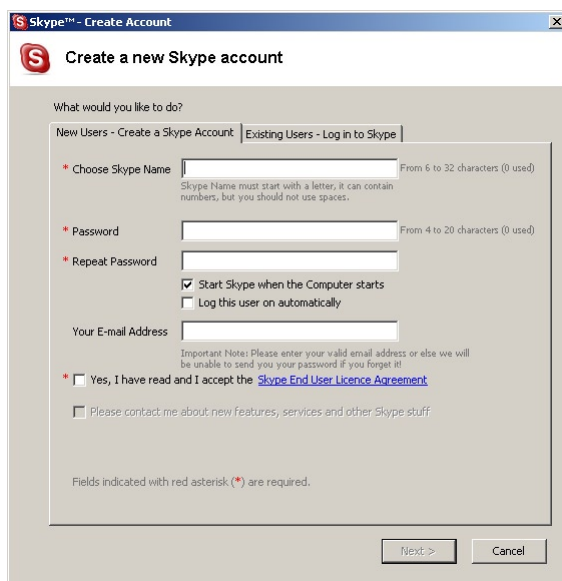
9. Skype installs. Click **Finish** in the last window to complete the installation.



The Skype software is installed on the computer. Go to the next section to create a Skype account.

## Creating a Skype Account

1. After Skype installs, the “Create a new Skype account” window appears. In the “New Users - Create a Skype Account” tab, enter the required information (denoted by a red asterisk). Click **Next**.




2. When the “Your Skype Personal Profile” window appears, enter the information in the appropriate text boxes. Click **Update**.

**Skype™ - User Profile - proemers**

**Your Skype Personal Profile**

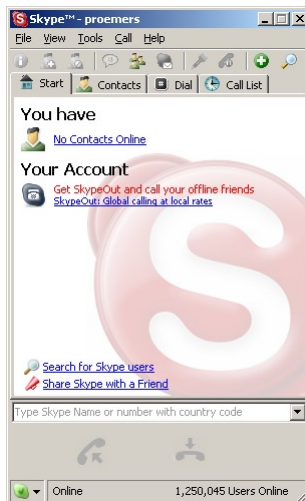
The following information is searchable in the Skype Public Directory. In order for others to find you, we recommend that you fill in as many fields as possible. Your e-mail address will not be visible to others.

Skype Name	<input type="text" value="proemers"/>	E-mail	<input type="text"/>
Full Name	<input type="text"/>	Sex	<input type="text"/>
Birthdate	<input type="text" value="mm"/> <input type="text" value="dd"/> <input type="text" value="yyyy"/>	Country	<input type="text"/>
Language	<input type="text"/>	City	<input type="text"/>
State/Province	<input type="text"/>	Home phone	<input type="text"/>
Office phone	<input type="text"/>	Homepage	<input type="text"/>
Mobile phone	<input type="text"/>		
About	<input type="text"/>		
My Picture	 <input type="button" value="Change..."/> <input type="button" value="Clear"/>		
<input type="button" value="Update"/> <input type="button" value="Cancel"/>			

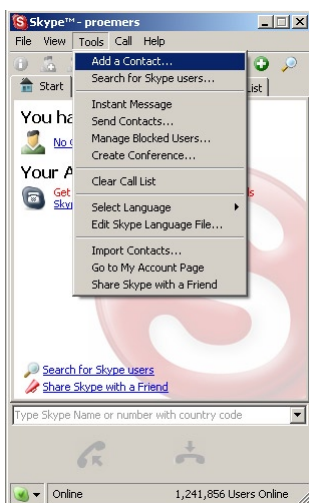
The Skype account is created. Go to the next section to add contacts to the account.

## Adding Accounts

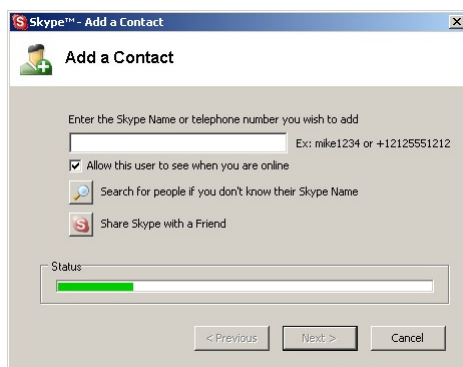
1. Go to the main Skype account window.



2. From the menu at the top of the window, select **Tools**, then **Add a Contact...**



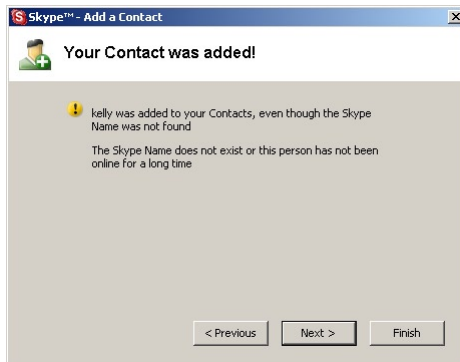
3. When the "Add a Contact" window appears, enter the name of another Skype user in the appropriate text box, then click **Next**.



4. A “Request Authorization” window appears. Make the appropriate selections, then click OK.



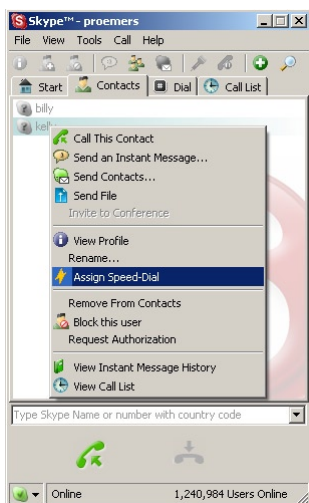
5. The contact is added. Click **Finish**.



The contact has been added. To view the contact list, select the “Contact” tab from the main Skype window. To add assign a speed-dial number to an contact, go to the next section.

## Assign a Speed-Dial Number

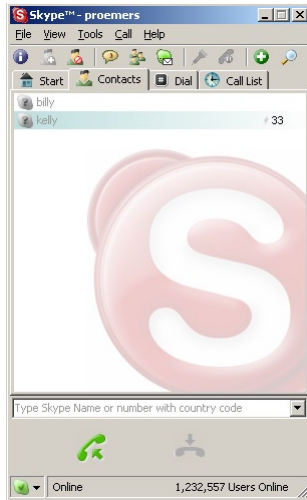
1. From the main Skype window, select the Contact tab, right-click on a contact name, and, in the menu that appears, select **Assign Speed-Dial**.



2. In the next window, enter a speed-dial number, then click **OK**.



3. The speed-dial number is assigned to the contact.



4. Repeat to assign a speed-dial number to other contacts.

After finishing with the installation configuration of Skype, go to the next chapter ("Connecting the Internet Phone Wizard Hardware") to continue setting up the Internet Phone Wizard.



**This page left intentionally blank.**

# Connecting the Internet Phone Wizard Hardware

# 3

This chapter explains how to physically connect the Internet Phone Wizard to a computer, telephone, and phone line. There are two basic ways to connect the Internet Phone Wizard: Single Line or Dual Line.

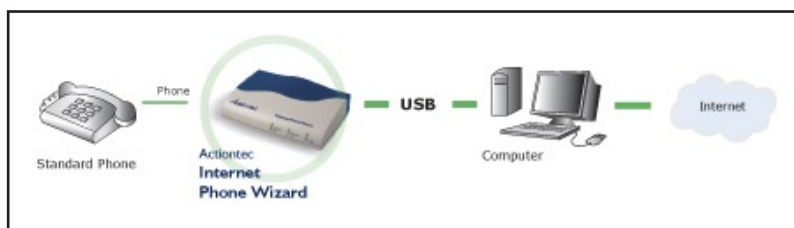
---

## Single Line Connection

When the Internet Phone Wizard is in Single Line mode, it can be used to make or receive Internet (computer-to-computer) phone calls using Skype only. It cannot make regular calls to normal (land-line or mobile) telephones while in Single Line mode.

To connect the Internet Phone Wizard in Single Line mode:

1. Get the Internet Phone Wizard from its package.
2. Get the USB cable from the package and insert the small, square end of the cable in the “USB” port on the rear panel of the Internet Phone Wizard.
3. Insert the other (flat and rectangular) end of the USB cable in a USB port on the front or back of a computer.
4. Get the phone cable from the telephone and insert one end in the “Phone” port on the rear panel of the Internet Phone Wizard.
5. Connect the other end of the phone cable to the telephone. The components should be connected similarly to the figure below:



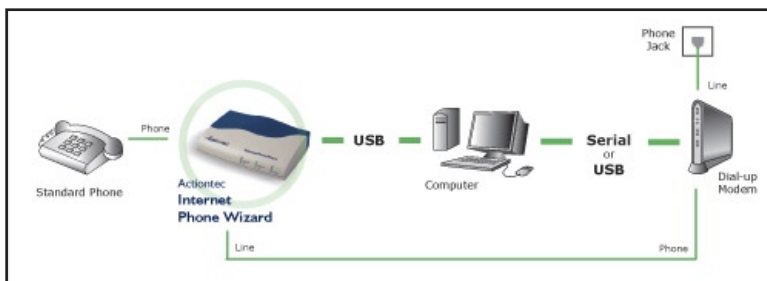
The Internet Phone Wizard is connected in Single Line mode. Next, go to chapter 4, “Installing the Internet Phone Wizard Software.”

### Single-Line Connection with Dial-Up Modem

If the computer is connected to the Internet with a dial-up modem and there is no other phone line in the home, the Internet Phone Wizard can only be set up in Single Line mode.

To connect the Internet Phone Wizard in Single Line mode with a dial-up modem:

1. Get the Internet Phone Wizard from its package.
2. Get the USB cable from the package and insert the small, square end of the cable in the “USB” port on the rear panel of the Internet Phone Wizard.
3. Insert the other (flat and rectangular) end of the USB cable in a USB port on the front or back of a computer.
4. Get the phone cable from the telephone and insert one end in the “Phone” port on the rear panel of the Internet Phone Wizard.
5. Connect the other end of the phone cable to the telephone.
6. **Optional:** To make and receive normal calls while the computer is powered down, use the supplied phone cable and insert one end of the cable in the “Line” port on the rear panel of the Internet Phone Wizard.
7. **Optional:** Insert the other end of the phone cable in the “Phone” port of the dial-up modem. The components should be connected similarly to the figure below:



The Internet Phone Wizard is connected in Single Line mode. Next, go to chapter 4, “Installing the Internet Phone Wizard Software.”

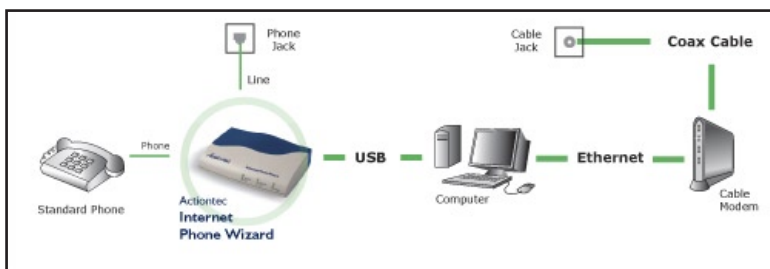
### Dual Line Connection

When the Internet Phone Wizard is set up in Dual Line mode, it can make and receive both Internet (computer-to-computer) calls and regular (computer-to-land-line-telephone or computer-to-mobile-telephone) calls.

This procedure assumes the computer is connected to a cable modem. If the computer is connected to the Internet via DSL modem, see “Dual Line Connection with DSL Modem” on page 18.

To connect the Internet Phone Wizard in Dual Line mode:

1. Get the Internet Phone Wizard from its package.
2. Get the USB cable from the package and insert the small, square end of the cable in the “USB” port on the rear panel of the Internet Phone Wizard.
3. Insert the other (flat and rectangular) end of the USB cable in a USB port on the front or back of a computer.
4. Get the phone cable from the telephone and insert one end in the “Phone” port on the rear panel of the Internet Phone Wizard.
5. Connect the other end of the phone cable to the telephone.
6. Using the supplied phone cable, insert one end of the cable in the “Line” port on the rear panel of the Internet Phone Wizard.
7. Insert the other end of the supplied phone cable in a standard phone line outlet. The components should be connected similarly to the figure below:



The Internet Phone Wizard is connected in Dual Line mode. Next, go to chapter 4, “Installing the Internet Phone Wizard Software.”

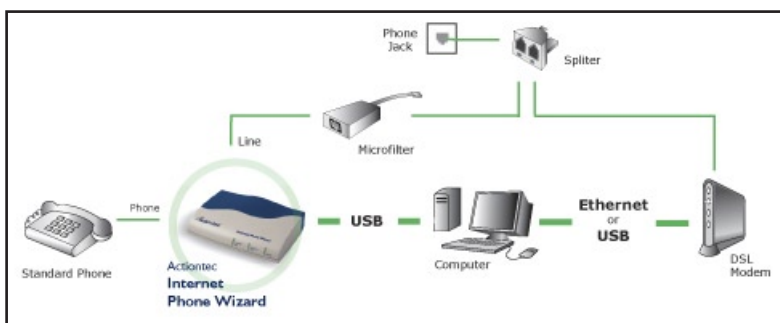
## Dual Line Connection with DSL Modem

Since DSL modems are connected via phone line (like the Internet Phone Wizard), there are two ways to connect the Internet Phone Wizard when a DSL modem is present: Connecting to a Phone Line Splitter, and Connecting to a DSL Filter. Select the configuration matching the current computer/DSL set up, and follow the instructions.

### *Connecting to a Phone Line Splitter*

If the telephone is connected to the phone line via a phone line splitter, follow this procedure to connect the Internet Phone Wizard:

1. Get the Internet Phone Wizard from its package.
2. Get the USB cable from the package and insert the small, square end of the cable in the “USB” port on the rear panel of the Phone Wizard.
3. Insert the other (flat and rectangular) end of the USB cable in a USB port on the front or back of a computer.
4. Use the supplied phone cable and insert it in the “Line” port of the Internet Phone Wizard.
5. Insert the other end of the supplied phone cable in the microfilter.
6. Get the phone cable from the telephone and insert one end in the “Phone” port on the rear panel of the Internet Phone Wizard.
7. Connect the other end of the phone cable to the telephone. The components should be connected similarly to the figure below:

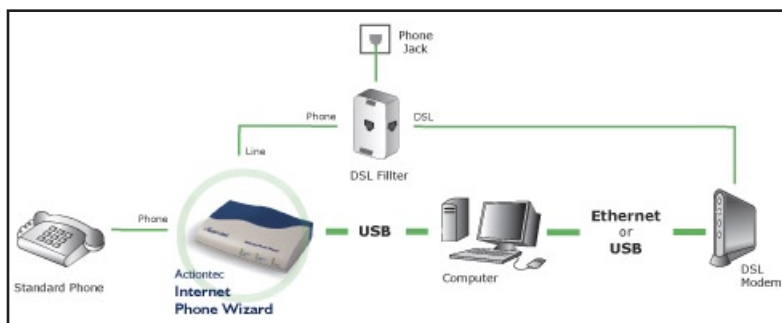


The Internet Phone Wizard is connected in Dual Line mode. Next, go to chapter 4, “Installing the Internet Phone Wizard Software.”

### Connecting to a DSL Filter

If the telephone is connected to the phone line via a wall mount DSL filter, follow this procedure to connect the Internet Phone Wizard:

1. Get the Internet Phone Wizard from its package.
2. Get the USB cable from the package and insert the small, square end of the cable in the “USB” port on the rear panel of the Internet Phone Wizard.
3. Insert the other (flat and rectangular) end of the USB cable in a USB port on the front or back of a computer.
4. Use the supplied phone cable from the telephone and insert it in the “Line” port of the Internet Phone Wizard.
5. Insert the other end of the supplied phone cable in the “Phone” port of the DSL filter.
6. Get the phone cable from the telephone and insert one end in the “Phone” port on the rear panel of the Internet Phone Wizard.
7. Connect the other end of the phone cable to the telephone. The components should be connected similarly to the figure below:




The Internet Phone Wizard is connected in Dual Line mode. Next, go to chapter 4, “Installing the Internet Phone Wizard Software.”

**This page left intentionally blank.**

# Installing the Internet Phone Wizard Software


# 4

After installing the Skype™ software (see chapter 2) and connecting the Internet Phone Wizard to a computer and phone outlet (see chapter 3), the Internet Phone Wizard software must be installed on the computer.

 **Note:** This procedure is performed using Windows XP. If using Windows 2000 or Windows XP (Service Pack 2), see the notes following certain steps for any additional instructions.

To install the Internet Phone Wizard software:

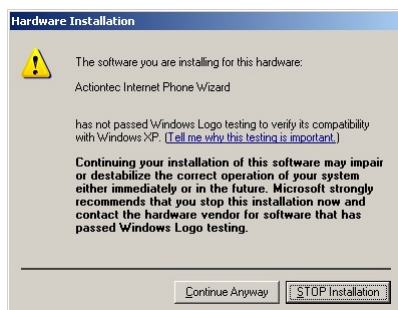
1. After connecting the Internet Phone Wizard, a “Found New Hardware” window appears. This may take up to 15 seconds.
2. Insert the Installation CD in the CD-ROM drive of the computer, then, from the “Found New Hardware Wizard” window, click in the circle next to “Install the software automatically (Recommended).” Click **Next**.

 **Note:** If the computer is running **Windows 2000**, when the Found New Hardware Wizard window appears, click **Next**. In the next window, click in the circle next to “Search for a suitable driver for my device,” then, in the next window, make sure the “CD-ROM” check box is active. If running **Windows XP with Service Pack 2** installed, when the Found New Hardware Wizard window appears, click in the circle next to “No, not this time.”





3. In the next window, click **Continue Anyway**.



The Internet Phone Wizard has been fully tested to work with Windows XP and 2000 and will not harm or hinder the performance of the computer.

4. When the next window appears, click **Finish**.



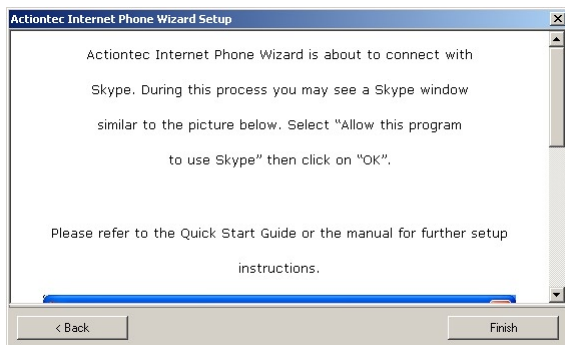
5. A “Congratulations” window appears. Click **Next**.



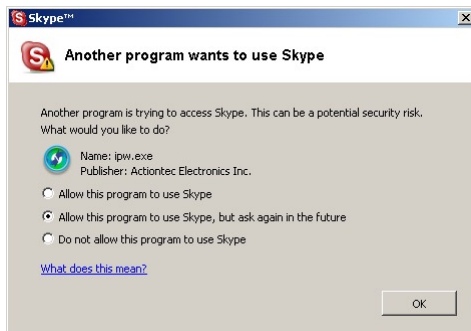
6. Another window appears. Enter an email address in order to be contacted about future online updates. Click **Next**.



7. A window with information about using Skype with the Internet Phone Wizard appears. Read the onscreen information, then click **Finish**.



8. When Skype launches, a window appears. Click in the circle next to “Allow this program to use Skype,” then click **OK**.



The Internet Phone Wizard software is installed, and Skype is running. To learn how to use the Internet Phone Wizard with Skype to place a regular or Internet call, see chapter 5, “Using the Internet Phone Wizard.”

# Using the Internet Phone Wizard




5

This chapter explains how to make a call using the Internet Phone Wizard, including calling an Internet telephone, calling traditional telephones, and answering a call.

## Before Making a Call

Before making a call with the Internet Phone Wizard, make sure of the following:

- The computer meets or exceeds the minimum system requirements
- The computer is connected to the Internet
- A Skype™ account has been created and contacts have been added to it
- The Internet Phone Wizard is connected to the computer via USB
- A telephone is connected to the Internet Phone Wizard via phone cable
- If using Dual Line mode, a phone line is connected to the Internet Phone Wizard’s “Line” port
- The Internet Phone Wizard drivers and software are installed and running on the computer
- The Internet Phone Wizard icon in the system tray of the computer’s desktop (next to the clock) is “Ready”:

Internet Phone Wizard Icons	
<i>Ready</i>	
<i>Not Connected</i>	
<i>Active or In Conversation</i>	

## Calling an Internet Telephone

To make an Internet phone call using the Internet Phone Wizard:

1. Pick up the telephone receiver. A long dial tone (about 1 second) is heard, and the Internet Call light on the Internet Phone Wizard flashes.



**Note:** If the Internet Phone Wizard is set up to make both Internet and regular calls (Dual-Line mode), press the “#” key on the telephone keypad twice to hear the Internet dial tone. The Internet dial tone is a single long tone.

2. Dial the speed-dial number of the party being called.
3. Wait for the party to pick up the telephone.



**Note:** The Internet Phone Wizard’s Regular Call light illuminates when the receiver is picked up. After pressing the “#” key twice, the Internet Call light illuminates and the Regular Call light turns off.

---

## Calling a Traditional Telephone

There are two ways to call a traditional (land-line or mobile) telephone with the Internet Phone Wizard: make a regular call using Regular Call mode (this is exactly like making a normal phone call from a traditional telephone, and all the usual costs apply), or call using the Internet Call mode with a SkypeOut service subscription.

### Using Regular Call Mode

1. Pick up the telephone receiver and dial the telephone number.

### Using Internet Call Mode and SkypeOut

Before making this type of call, make sure your SkypeOut service subscription is active.

1. Pick up the telephone receiver and press the “#” key twice. The Internet Call light illuminates. Listen for the dial tone.
2. Dial the telephone number (number format: 00 + Country Code + Area Code + phone number).

## **Receiving a Call**

1. The telephone connected to the Internet Phone Wizard rings.
2. The Internet Phone Wizard's Regular Call or Internet Call light flashes, depending on what kind of incoming call is being received.
3. Skype activates, and the Skype window appears.
4. Pick up the receiver and conduct a conversation.

The Skype window has a timer that displays the duration of the call.

---

## **Ending a Call**

To end a call, put the receiver back onto the telephone.

---

## **Switching Between Regular Call and Internet Call Modes**

If the Internet Phone Wizard is connected in Dual Line mode, press “#” key twice to switch between the Regular Call and Internet Call modes.

---

## **Call Waiting Alert**

The Internet Phone Wizard's call waiting feature works only in the Dual-Line mode. If a regular call comes in while an Internet call is active, a short beep is heard on the telephone. Press the “#” key twice to answer the regular call. To go back to the Internet call, press the “#” key twice again. The call waiting features also applies if an regular call is active and an Internet call is received.

## **Ringback Alert**

If the phone is hung up while a previous call is on hold, the Internet Phone Wizard rings back to alert the user that a call is still on hold. To continue the call on hold, pick up the receiver.

## Quick Reference Table

<b>Internet Phone Wizard Quick Reference</b>	
<b>Action:</b>	<b>Steps:</b>
Calling your Speed-Dial contact	<ol style="list-style-type: none"> <li>1. Pick up the handset.</li> <li>2. Make sure you are in Internet Call mode (indicated by the lights on the Internet Phone Wizard.) If not, press the # key twice to switch to Internet Call mode.</li> <li>3. Wait for the Internet Phone Wizard dial tone or greeting.</li> <li>4. Dial your contact's assigned speed-dial number.</li> </ol>
Calling a Skype user who does not have a speed-dial number assigned.	<ol style="list-style-type: none"> <li>1. On the Skype interface: Go to your contact list.</li> <li>2. Highlight the username of the contact you wish to call.</li> <li>3. Double-click on the contact's name.</li> <li>4. Pick up the phone handset and wait for your contact to pick up your call.</li> </ol>
Calling any phone in the world with SkypeOut  <b>Note:</b> You must purchase SkypeOut credit before calling a traditional or cellular phone from the Internet Phone Wizard. Please go to: <a href="http://www.skype.com">www.skype.com</a> for more information on SkypeOut.	<ol style="list-style-type: none"> <li>1. Pick up the handset</li> <li>2. Make sure you are in Internet Call mode (indicated by the lights on the Internet Phone Wizard.) If not, press the # key twice to switch to Internet Call mode.</li> <li>3. Wait for the Internet Phone Wizard dial tone or greeting. Dial the phone number of the person you wish to call.</li> </ol> <p>There are two formats you may use:            Format 1: 00 + Country Code + Local Phone or Cell Phone Number            Format 2: 011 + Country Code + Local Phone or Cell Phone Number</p> <p>For example: Dial 00-1-XXX-XXX-XXXX for a call to any number in the United States.</p>
Ending a phone call for regular or Internet calls	When you wish to end a call, simply hang up the phone.
Receiving an incoming call from regular or Internet call	<ol style="list-style-type: none"> <li>1. The phone will ring. The Internet Call or Regular Call lights on the Internet Phone Wizard will also blink accordingly.</li> <li>2. Pick up the handset and begin talking. The Internet Phone Wizard will automatically select the right phone mode to be in.</li> </ol>
Making a regular phone call	<ol style="list-style-type: none"> <li>1. Pick up the phone and wait for the normal dial tone.</li> <li>2. Dial as you normally would.</li> </ol>
On-Hold Dialing	While you are talking on one line, press the # key twice to initiate a new phone call and put the current one on hold.
Call Waiting	<ol style="list-style-type: none"> <li>1. When you are talking on one line and another party calls from the other phone mode, you will hear a call waiting tone.</li> <li>2. Press the # key twice to pick up the new call while putting the current one on hold.</li> <li>3. Press # key twice again to switch back and forth between the two calls.</li> </ol>
Ringback Alert	<ol style="list-style-type: none"> <li>1. When you hang up the phone but have a previous call on hold, the Internet Phone Wizard will ring back to remind you that the other party is still on hold.</li> <li>2. You may pick up the phone and resume your conversation with that party.</li> </ol>

# Troubleshooting

# 6

If you have any troubleshooting issues or wish to see a frequently asked questions list, go to

[www.internetphonewizard.com/support](http://www.internetphonewizard.com/support)



**This page left intentionally blank.**



# Specifications

## Model Number

UP101 (Internet Phone Wizard)

## PC Interface

One USB port

## Telephone Interface

Two RJ-11 ports (Phone, Line)

## LED indicators

Regular Call, Internet Call, Ready

## Audio Support

Microsoft WAV, ACM, and Mixer APIs

## Dimensions (LxWxH)

11.5 x 8.5 x 2.5 cm (4.5 x 3.3 x 1 in.)

## Weight

125 g (4.4 oz.)

## Operating temperature

0° - 55° C (32° - 131° F)

## Relative Humidity

> 80 % (non-condensing)

## Warranty

1 year



**Note:** Specifications are subject to change without notice.

# Notices

---

## Regulatory Compliance Notices

### Class B Equipment

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by implementing one or more of the following measures:

- Reorient or relocate the receiving antenna;
- Increase the separation between the equipment and receiver;
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected;
- Consult the dealer or an experienced radio or television technician for help.

---


### Modifications

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Actiontec Electronics, Inc., may void the user's authority to operate the equipment.

Declaration of conformity for products marked with the FCC logo – United States only.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference
2. This device must accept any interference received, including interference that may cause unwanted operation

 **Note:** To comply with FCC RF exposure compliance requirements, the antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

For questions regarding your product or the FCC declaration, contact:

Actiontec Electronics, Inc.  
760 North Mary Ave.  
Sunnyvale, CA 94086  
United States  
Tel: (408) 752-7700  
Fax: (408) 541-9005

---

### Miscellaneous Legal Notices

© 2005 Actiontec Electronics, Inc. Actiontec Installation Buddy, Connection 1-2-3, Solutions for the Digital Life, Actiontec Digital Gear, and the Actiontec logo are trademarks or registered trademarks of Actiontec Electronics, Inc.

All other names are the property of their respective owners.

# Limited Warranty

**Hardware:** Actiontec Electronics, Inc., warrants to the end user (“Customer”) that this hardware product will be free from defects in workmanship and materials, under normal use and service, for twelve (12) months from the date of purchase from Actiontec Electronics or its authorized reseller.

Actiontec Electronics’ sole obligation under this express warranty shall be, at Actiontec’s option and expense, to repair the defective product or part, deliver to Customer an equivalent product or part to replace the defective item, or if neither of the two foregoing options is reasonably available, Actiontec Electronics may, in its sole discretion, refund to Customer the purchase price paid for the defective product. All products that are replaced will become the property of Actiontec Electronics, Inc. Replacement products may be new or reconditioned. Actiontec Electronics warrants any replaced or repaired product or part for ninety (90) days from shipment, or the remainder of the initial warranty period, whichever is longer.

**Software:** Actiontec Electronics warrants to Customer that each software program licensed from it will perform in substantial conformance to its program specifications, for a period of ninety (90) days from the date of purchase from Actiontec Electronics or its authorized reseller. Actiontec Electronics warrants the media containing software against failure during the warranty period. The only updates that will be provided are at the sole discretion of Actiontec Electronics and will only be available for download at the Actiontec Web site, [www.actiontec.com](http://www.actiontec.com). Actiontec Electronics’ sole obligation under this express warranty shall be, at Actiontec Electronics’ option and expense, to refund the purchase price paid by Customer for any defective software product, or to replace any defective media with software which substantially conforms to applicable Actiontec Electronics published specifications. Customer assumes responsibility for the selection of the appropriate applications program and associated reference materials. Actiontec Electronics makes no warranty or representation that its software products will meet Customer’s requirements or work in combination with any hardware or applications software products provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected. For any third-party products listed in the Actiontec Electronics software product documentation or specifications as being compatible, Actiontec Electronics will make reasonable efforts to provide compatibility, except where the non-compatibility is caused by a “bug” or defect in the third party’s product or from use of the software product not in accordance with Actiontec Electronics published specifications or user guide.

THIS ACTIONTEC ELECTRONICS PRODUCT MAY INCLUDE OR BE BUNDLED WITH THIRD-PARTY SOFTWARE, THE USE OF WHICH IS GOVERNED BY A SEPARATE END-USER LICENSE AGREEMENT.

THIS ACTIONTEC ELECTRONICS WARRANTY DOES NOT APPLY TO SUCH THIRD-PARTY SOFTWARE. FOR THE APPLICABLE WARRANTY, PLEASE REFER TO THE END-USER LICENSE AGREEMENT GOVERNING THE USE OF SUCH SOFTWARE.

**Obtaining Warranty Service:** Customer may contact Actiontec Electronics Technical Support Center within the applicable warranty period to obtain warranty service authorization. Dated proof of purchase from Actiontec Electronics or its authorized reseller may be required. Products returned to Actiontec Electronics must be pre-authorized by Actiontec Electronics with a Return Merchandise Authorization (RMA) number marked on the outside of the package, and sent prepaid and packaged appropriately for safe shipment, and it is recommended that they be insured or sent by a method that provides for tracking of the package. The repaired or replaced item will be shipped to Customer, at Actiontec Electronics' expense, not later than thirty (30) days after Actiontec Electronics receives the defective product.

Return the product to:  
(In the United States)  
Actiontec Electronics, Inc.  
760 North Mary Avenue  
Sunnyvale, CA 94085

Actiontec Electronics shall not be responsible for any software, firmware, information, memory data, or Customer data contained in, stored on, or integrated with any products returned to Actiontec Electronics for repair, whether under warranty or not.

**WARRANTIES EXCLUSIVE:** IF AN ACTIONTEC ELECTRONICS PRODUCT DOES NOT OPERATE AS WARRANTED ABOVE, CUSTOMER'S SOLE REMEDY FOR BREACH OF THAT WARRANTY SHALL BE REPAIR, REPLACEMENT, OR REFUND OF THE PURCHASE PRICE PAID, AT ACTIONTEC ELECTRONICS' OPTION. TO THE FULL EXTENT ALLOWED BY LAW, THE FOREGOING WARRANTIES AND REMEDIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, TERMS OR CONDITIONS, EXPRESS OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES, TERMS OR CONDITIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, SATISFACTORY QUALITY, CORRESPONDENCE WITH DESCRIPTION, AND NON-INFRINGEMENT, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. ACTIONTEC ELECTRONICS

## Limited Warranty

---

NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE OR USE OF ITS PRODUCTS.

ACTIONTEC ELECTRONICS SHALL NOT BE LIABLE UNDER THIS WARRANTY IF ITS TESTING AND EXAMINATION DISCLOSE THAT THE ALLEGED DEFECT OR MALFUNCTION IN THE PRODUCT DOES NOT EXIST OR WAS CAUSED BY CUSTOMER'S OR ANY THIRD PERSON'S MISUSE, NEGLIGENCE, IMPROPER INSTALLATION OR TESTING, UNAUTHORIZED ATTEMPT TO OPEN, REPAIR OR MODIFY THE PRODUCT, OR ANY OTHER CAUSE BEYOND THE RANGE OF THE INTENDED USE, OR BY ACCIDENT, FIRE, LIGHTNING, OTHER HAZARDS, OR ACTS OF GOD.

**LIMITATION OF LIABILITY:** TO THE FULL EXTENT ALLOWED BY LAW, ACTIONTEC ELECTRONICS ALSO EXCLUDES FOR ITSELF AND ITS SUPPLIERS ANY LIABILITY, WHETHER BASED IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY KIND, OR FOR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, PERFORMANCE, FAILURE, OR INTERRUPTION OF ITS PRODUCT, EVEN IF ACTIONTEC ELECTRONICS OR ITS AUTHORIZED RESELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND LIMITS ITS LIABILITY TO REPAIR, REPLACEMENT, OR REFUND OF THE PURCHASE PRICE PAID, AT ACTIONTEC ELECTRONICS' OPTION. THIS DISCLAIMER OF LIABILITY FOR DAMAGES WILL NOT BE AFFECTED IF ANY REMEDY PROVIDED HEREIN SHALL FAIL OF ITS ESSENTIAL PURPOSE.

**Disclaimer:** Some countries, states or provinces do not allow the exclusion or limitation of implied warranties or the limitation of incidental or consequential damages for certain products supplied to consumers, or the limitation of liability for personal injury, so the above limitations and exclusions may be limited in their application to you. When the implied warranties are not allowed to be excluded in their entirety, they will be limited to the duration of the applicable written warranty. This warranty gives you specific legal rights which may vary depending on local law.

**Dispute Resolution:** The customer may contact the Director of Technical Support in the event the Customer is not satisfied with Actiontec Electronics' response to the complaint. In the event that the Customer is still not satisfied with the response of the Director of Technical Support, the Customer is instructed to contact the Director of Marketing. In the event that the Customer is still not satisfied with the response of the Director of Marketing, the Customer is instructed to contact the Chief Financial Officer and/or President.



**Governing Law:** This Limited Warranty shall be governed by the laws of the State of California, U.S.A., excluding its conflicts of laws and principles, and excluding the United Nations Convention on Contracts for the International Sale of Goods.