

USB Skype Hands-Free Talking

User's Manual

FCC Certifications



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 when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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, and (2) this device must accept any interference received; including interference that may cause undesired operation.

CE Mark Warning



This equipment complies with the requirements relating to electromagnetic compatibility, EN 55022 class B for ITE, the essential protection requirement of Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

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Unpacking Information

Thank you for purchasing this USB Skype Hands-Free Talking. Before getting start, please verify that your package contains the following items:

1. One USB Hands-Free Talking
2. One USB Hands-Free Talking Stand
3. One USB cable
4. One external microphone
5. User's manual
6. Installation CD

Introduction

The USB Skype Hands-Free Talking is designed for users that frequently process Internet voice or video chatting but suffering from the uncomfortable and length-limited headsets. Now, stop sitting still in front of your computer, take off those lousy headsets, click a button and enjoy a terrific truly hands-free talking!

With echo cancellation technology, the USB Skype Hands-free Talking lead you a high quality hands-free VoIP environment. The on/off hook buttons design is dedicated to VoIP-via-Skype users and allows you to receive a phone call with simply a casual clicking on the "answer" button, as well to terminate the call with "terminate". And, with adopting latest Xear 3D technology and EAX, A3D system, the Hands-Free Talking is just as good a high quality USB Speaker for your various multimedia demands.

Just plug the speaker and get started. The speaker is fully compliant to USB 1.0/2.0 standards, don't bother seeking outlets for the annoying adapter. With user-friendly driver installation, you've been ready for the unlimited VoIP surfing!





Key Features

- ✓ Integrates with speaker, microphone and Skype hook on/off buttons for hands-free VoIP environment.
- ✓ Supports 2 Speed-dial buttons for 2 Skype accounts.
- ✓ Highly support with Skype Internet telephony
- ✓ Supports echo cancellation for high communication quality
- ✓ Supports Microsoft's Netmeeting, MSN messenger, Yahoo Messenger & Net2phone.
- ✓ Support mute buttons for microphone and speaker.
- ✓ Provides volume control buttons.
- ✓ Provides microphone & 3.5 mm audio output phone jacks.
- ✓ Compliant with USB1.1&2.0 standards
- ✓ Supports plug& play without extra external power
- ✓ Supports Win98/98SE/98ME/XP/2000 without additional driver.
- ✓ High digital audio fidelity and completely hiss-free
- ✓ Adopted latest Xear 3D technology, support EAX, A3D acoustics effect and provides 5.1 virtual effect by software
- ✓ FCC/CE/VCCI Class B

Allocation



Controlling Buttons

 Microphone mute	Press to disable microphone. Press again to enable.
+ Volume Up	Press to turn volume up. Press and hold to turn volume up continually.
- Volume Down	Press to turn volume down. Press and hold to turn volume down continually.
 Speaker mute	Press to disable speaker. Press again to enable.
 Unhook	Press to answer a phone call.
 Hook	Press to terminate a phone call
1 Speed-Dial 1	Press to call the Skype account with Speed-Dial Key "1"
2 Speed-Dial 2	Press to call the Skype account with Speed-Dial Key "2"

Installation Guide

System requirement

- One IBM compatible computer equipped with CD-ROM drive and one available USB port.
- Windows 98/ME/2000/XP operation system.

Note: Skype is compatible with Windows 2000/XP only

LED Definition

Link/Activity:

Steady Blue:	USB Link
Blinking Blue:	Signal transmitting/receiving
Off	No USB Link

MIC Mute:

Steady Amber:	Microphone off
Off:	Microphone on

Hardware installation

Using the USB Skype Hands-Free Talking stand

The stand is provided for users to place the USB Skype Hands-Free Talking properly. To use the stand, put it on a level surface that can support the weight of the device and the relevant components, and then place the device onto the stand.

Cabling for the USB Skype Hands-Free Talking

1. To link the speaker with your computer:
 - Connect the mini USB connector end of the USB cord to the mini USB slot on the speaker
 - Connect the A type USB connector end to your computer
2. To use headset:
 - Connect the earphone connector to the earphone jack
 - Connect the microphone connector to the microphone jack.

Note: Connection of the headset disables the speaker and the embedded microphone automatically

3. To use the external microphone:

- Connect the microphone to the microphone jack.

Note: The external microphone is provided for users to improve the communication quality. You may use the microphone optionally.

Driver installation

1. Insert the provided CD to your CD-ROM. The Install Menu window pops up automatically:

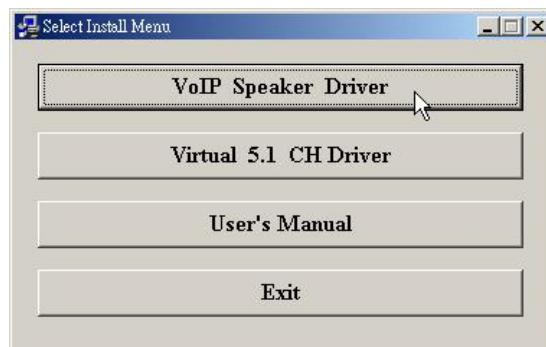
VoIP Speaker Driver: Driver for activating the device.

Virtual 5.1 CH Driver: Driver for enabling the Virtual 5.1 CH effect

User's Manual: View User's Manual

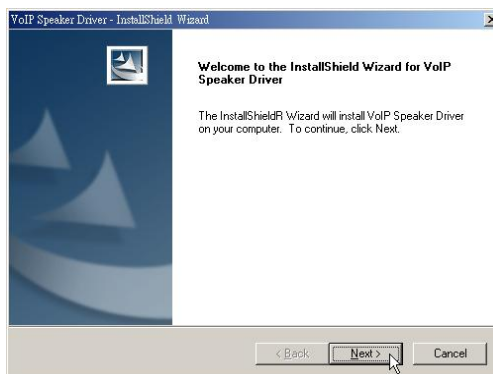
Exit: Quit the Install Menu.

To install the driver for the device, please click "VoIP Speaker Driver" to proceed.



Note: If the CD fails to auto-run, double click the **My computer** icon on the desktop, select your CD-ROM drive. Double click the **InstallMenu** icon to start the Install Menu.

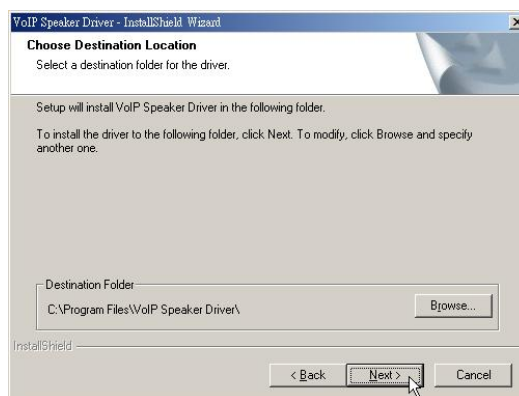
2. After the InstallShield Wizard preparing for installation automatically, click **Next** on the welcome screen



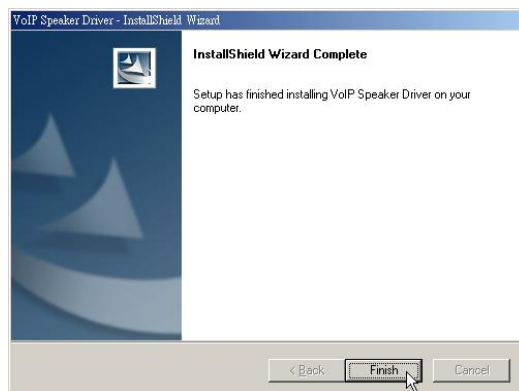
3. Specify the username and the company name and click **Next**.




4. Choose the destination folder for the driver and click next to start driver installation. You may click Browse to change the location.



5. After driver installation, click Next to quit installShield Wizard and activate the USB Skype Hands-Free Talking.



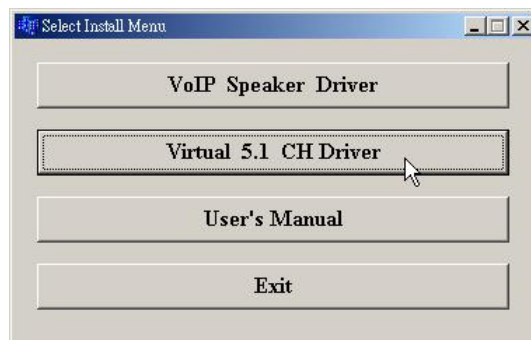
Note:

1. All functions of the USB Skype Hands-Free Talking are activated after installing the VoIP Speaker Driver. Users are allowed to install the virtual 5.1 channel effect driver optionally.
2. After installing the USB Skype Hands-Free Talking Driver successfully, the driver will be activated automatically upon starting Windows. The icon  will be shown on system tray. If the driver fail to auto-start, please click Start→ Programs→VoIP Speaker Driver→ VoIP speaker Driver

Software installation

The USB Skype Hands-Free Talking supports virtual 5.1 channel effect that provides better sound effect for the speaker. To install the software for activating virtual 5.1 channel effect, please refer to the following procedures to proceed.

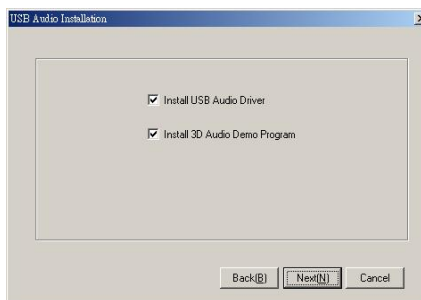
1. Insert the provided CD in your CD-ROM. The Install Menu window pops up automatically. Click "Virtual 5.1 CH Driver" to proceed.



2. Click **Next** on the welcome screen.



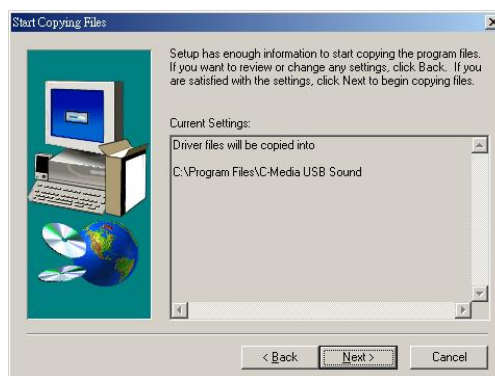
3. Fill in the checkbox for the software you want to install and click Next.
USB audio driver activates the speaker.
3D Audio Demo Program enables virtual 5.1 channel effect.



Note:

1. To activate virtual 5.1 channel effect correctly. We recommend users to install both programs simultaneously.
2. Before proceed the next procedure; we strongly recommend users to exit all windows programs.

4. Click Next to start installation.



5. Please wait while driver installing. After completing driver installation, click OK to reboot the system and activate the virtual 5.1 channel effect.



Note:

To get information configuring the virtual 5.1 channel effect, please refer to the document "virtual 5.1 channel effect manual" in the provided CD.

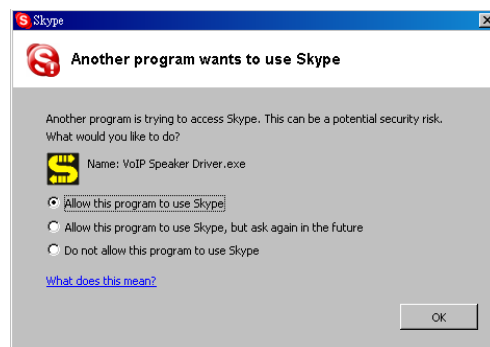
To view this manual, please insert the CD and click Exit on the Install Menu that automatically pops up. Double click the "My Computer" icon on your desktop. Right click on your CD-ROM Drive and click open. After accessing the CD, find the document "Virtual 5.1 Channel Effect Manual" and double click on the document.

Using the USB Skype Hands-Free Talking

Getting Start

1. Please make sure that the device is connected to your PC before starting Skype. The procedure enhances communication via volume control mechanism embedded in Skype.

2. Upon Windows starting the driver automatically, a Skype window pops up. Please wait the program to set up automatically. If the dialogue window fail to auto-close, please select "Allow this program to use Skype" and click OK



3. To perform a better communication quality, please check the following settings:

Click **Start→Settings→Control Panel**, double click the **Sound and Audio Devices** icon.


Select the **Audio** tab. Click the **Volume** button in the **Sound recording** category.

Click **Option** and make sure **Advanced Control** is marked.

Click the **Advanced** button below the microphone volume control bar. We recommend that:

a. Users that talk within 1m from the device please don't use the provided external microphone and mark the **+20dB Gain** checkbox (or **AGC** and **Microphone boost**)



b. Users that talk beyond 1m from the device please use the provided external microphone and mark the **+20dB Gain** checkbox (or **AGC** and **Microphone boost**)



Note: After the driver being activated, the icon  will be shown on system tray and shows the connection status of the device:

Red:	invalid link
Black:	valid link
Blinking:	data transmitting /receiving

Pick up and hang up a Skype call

There are two ways to answer or hang up a Skype call,

1. By Skype   button
2. By Device answer and hang up buttons.

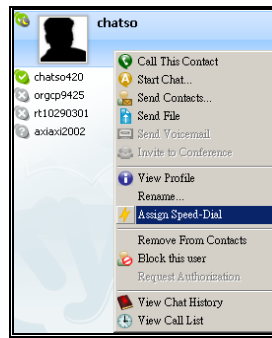
To pick up a Skype call, press the  button on the device. To hang it up, Press  button.

Use the speed dial buttons

The device provides two speed-dial buttons that correspond to Skype Speed-Dial Key 1 and 2.

Step 1. Setup the Skype Speed-Dial Key for your frequent-contacting accounts:

1. Right click on the account and select "Assign Speed-Dial"



2. Fill in a Skype speed dial key 1 or 2 and click OK



Step 2. Press the Speed dial button on the device

Click the button **1** to call a Skype account with speed-dial key number 1, and click **2** to call the one with speed-dial key 2.

Please note that the number "01" differs from the number "1" for Skype speed-dial keys. The speed dial button on the device support 1 and 2 Skype speed-dial keys only, not 01 or 02.

Adjusting Volume

There are two ways to control the volume,



1. By PC's Volume Control Bar
2. By device volume control buttons.

To turn the volume down, press the – button on the device. To turn up the Volume, Press the + button.

Speaker/ Microphone Mute

There are two ways to mute the speaker and microphone,


1. By checking the Mute checkbox below Volume control bar
2. By device mute button

To mute the speaker, press the  button on the device. To mute the microphone, press the  button.

Product Specification

Standard	USB1.0 USB2.0 USB Audio device Class Specification V1.0
Interface	1x female mini USB port 1x 3.5mm earphone jack 1x 3.5mm microphone jack
LED indicator	Power/ACT: Blue, Blinking Blue MIC Mute: Amber
Power Input	USB bus power compliant (5V/500mA)
Speaker section	2*1.5'' magnetically shielded
Amplifier section	Maximum output power 2 watt (R.M.S)
Operating Temperature	0 ⁰ - 40 ⁰ C (32 ⁰ - 104 ⁰ F)
Operating Humidity	10% ~ 90% (non-condensing)
Emission	FCC Part 15 Class B, CE
Operation System	Windows 98/ME/2000/XP

Trouble Shooting Guide

1. I've complete the setup procedure, and it just doesn't work...
 - Make sure the USB port works. To check if there is an available USB ports being enabled, click **My Computer** → **Control Panel** → **System**, click the Device Manager tab to check if the **Universal Serial Bus controller** to be shown on the following list.
 - Connect the USB adapter to another USB port on your computer.
 - Check if the icon  shown on the system tray, if not, click "Start" → "Programs" → "VoIP Speaker Driver" → "VoIP speaker Driver" to start the driver. If the icon lights red, check if both the driver and your Skype are activated.
 - Check if the microphone or speaker muting function to be activated.
 - Restart the on-going multimedia software again
 - Restart your computer

2. The MIC Mute LED doesn't go off after pressing the mute button....

- Check if the Mute checkbox of Microphone Volume control be marked. To verify, click **Start** → **Programs** → **Accessories** → **Entertainment** → **Volume Control** to start Volume control program. Click **Options** button on the Volume Control window, click **Properties**, select **Recording** and click **OK**. Check if you mark the Mute checkbox of Microphone Volume control and pull the volume control bar higher.