



www.accutone.com

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Accutone®



V10

Vista™ Compatible

designed for
skype™
software

Accutone Personal Communicator
Portable USB Conference Phone



supports all versions of Microsoft
Windows 2000, XP & Vista

Installation Guide & User Manual

Introduction.

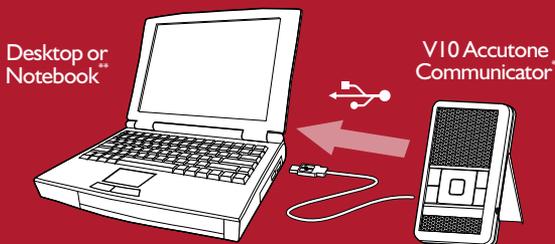
V10 ACCUTONE PERSONAL COMMUNICATOR

direct Skype-controlling USB conference phone.

Thank you for purchasing the V10 Accutone® Personal Communicator, the ultimate USB conference phone for business users. Perfect partner for business travelers, the V10 allow users to have voice conferences to any one anywhere in the world using VoIP softwares.

Imagine traveling abroad to an exhibition and at a booth, you wish to talk to your colleagues back home. Simply hook up the V10 to your notebook, and via WiFi technology, users can have a perfect small-group business conference instantly. Equipped with top-end loudspeaker as well as microphone elements, the V10 can operate flawlessly even in a noisy exhibition hall. Furthermore, the device is designed to be able to actively control Skype, making it even more convenient.

Now please spend a few moments to read through this user manual before connecting the V10 to your computer. After familiarizing with the features and functions, you will surely appreciate the top audio performance this unique device has to offer you.



* V10 Accutone Personal Communicator is compatible to both desktop and notebook computers with an USB jack.
 ** The V10 now only supports Windows operating systems - 2000, XP and Vista. For a wider range of OS support, please check back to our website www.accutone.com frequently, as more OS will be included in the very near future.



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Specifications.

V10 Accutone Personal Communicator

Plug	USB A male plug
USB interface	USB 2.0
Cable length	0.5m
Weight	200g
Dimension	135x80x30mm

Speaker

Size	50mm diameter
Type	Open air dynamic driver unit
Maximum input power	1W
Impedance	$8\Omega \pm 15\%$ at 1 kHz, 1V
Distortion	Total Harmonic Distortion < 1%
Frequency range	20 - 20,000 Hz

Microphone

Type	Electret condenser
Directivity	Omni-directional
Open circuit voltage level	-42dB/Pa
Frequency range	20 - 20,000 Hz
Voice band	300 - 3000 Hz

Package Contents

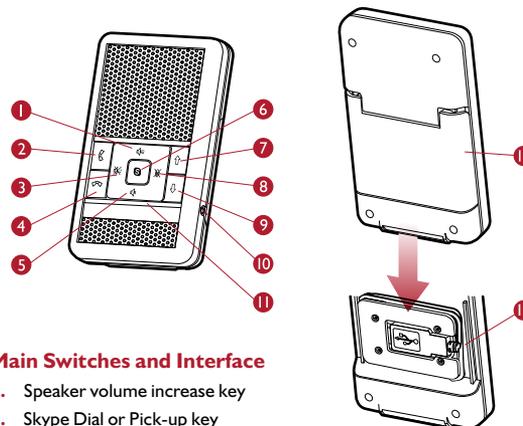
V10 main unit
Integrated USB cable
Installation guide and user manual
Software and driver download instruction card

Minimum Requirements

Personal computer with CPU of 1GHz frequency or up
256Mb of RAM
50Mb hard disk space available for installation
Internet connection
1 available USB port
Skype program version 3.5 or above pre-installed
Operating OS - all versions of Windows 2000, Windows XP, Windows Vista



Main Switches & Interfaces



Main Switches and Interface

1. Speaker volume increase key
2. Skype Dial or Pick-up key
3. Speaker mute key
4. Skype End-call key
5. Speaker volume decrease key
6. Skype program activation and page-selection key
7. Skype selection-up key
8. Microphone mute key
9. Skype selection-down key
10. 3.5mm headphone / earphone jack
11. Multi-colored LED-indicator
12. Back compartment / device-stand
13. USB cable wind-up storage

B Installing your V10.

system check
download and install Skype software
download V10 driver and middleware
connect conference phone to computer

[inspiring people, inspiring change]

Installation

Installation

B1. system check



REMARKS:

Before you begin, make sure your operating system is compatible with the followings:

- A. Update your Windows OS to the latest Service Pack.
- B. Skype version 3.5.0 or the latest version installed.
- C. Remove any previous installed Accutone Middleware, or any version of C-Media USB-phone, VoIP phone, from your computer thoroughly

B2. download and install Skype software

The Skype-controlling V10 conference phone operates under the Skype program. So if you have not already installed the Skype program, please download it from their official website: <http://www.skype.com>, follow the instructions and download the appropriate version for your operating system.



Click "Run" or "Save" the file to a location and then run the installer once the download finishes.



Select language for installation at the following screen, subsequent license agreement and installation will follow as shown.



Your Skype™ program should launch by itself, create an account if you do not already have one, simply follow the instructions.

Remember to check both "Sign me in when Skype Starts" and "Start Skype when the computer starts".



*The word "Skype" and the Skype logo are trademark of Skype Technologies S.A. The Skype website screen-pop, installation interfaces and application interfaces shown throughout this manual are all property of Skype Technologies S.A. They are shown merely as visual assistance for proper user setup of the V10 USB Conference Phone.

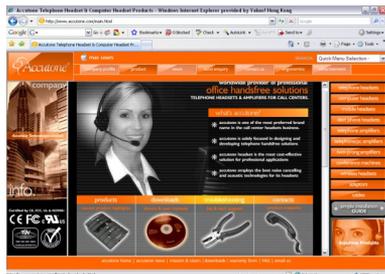


Installation

Installation

B3. download V10 driver and middleware

To be environmentally friendly, all Accutone drivers have been shifted from CD-rom to web-distribution. Open your internet browser, and log on to www.accutone.com, enter Global website. You will see the following screen.



Click on the CD-rom photo under "downloads", and enter the product range selection screen.

Select conference phone by clicking the small grey arrow icon to enter the USB conference phone drivers and manual page.



Select V10 by clicking on the download button and you will be prompted to download the driver file.



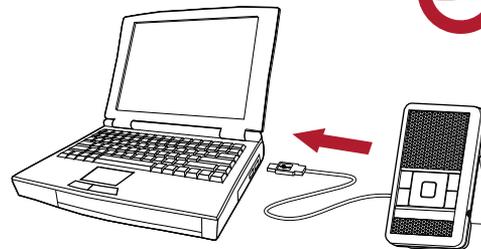
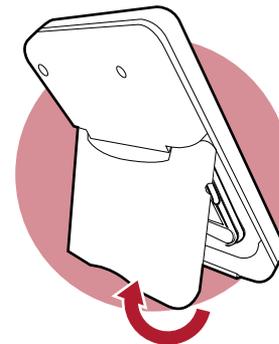
Download the file to a location on your desktop for use in the next section.

B4. connect conference phone to computer

Open up the back compartment of the V10 conference phone as indicated.

Note that the back compartment cover acts as a stand for the V10.

You will find the USB-cable wind-up storage inside. Gently, un-wind the entire USB cable out from the storage.



Connect the cable into the USB jack of your computer as illustrated. Windows may auto-launch a device driver installer, if it does, click cancel to abort installation, as the official Accutone driver and middleware must be installed for V10 to function properly.

Installation

Installation

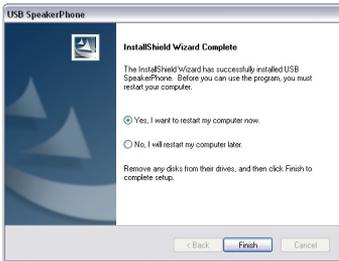
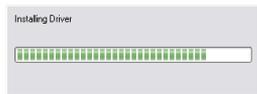
B5. installing V10 driver and middleware



Locate the file you've downloaded on the desktop, if it's a zip file, extract it and you should see the setup.exe file as shown.

Make sure you have the V10 connected, and double-click to launch the setup installer.

Click Next to continue.



Select a location to install the middleware software, or click next to use the default location.

While the software is being installed, on some Windows OS, a hardware warning dialog box may pop up, click Yes to proceed, and finish with the rest of the installation.

The software will prompt you to restart the PC upon completion.



B6. software first initiation



When Skype starts, this screen will pop-up asking to integrate the middleware with Skype.

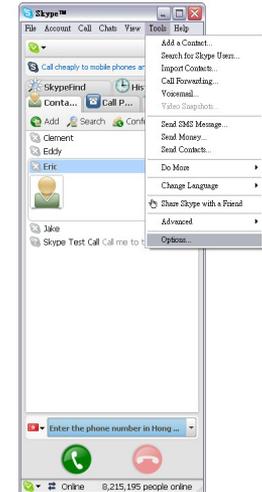
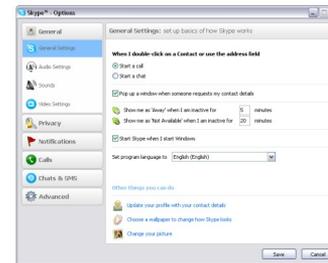
Click "Allow this program to use Skype" and press "OK" to continue.

If you don't see this screen, press the "Event" tab in Skype.



Then click on your Skype icon to start up the program. Enter your login information if it prompts you.

Click on "Tools" from the top menu to open up "Options". Under General Settings tab, check "Start Skype when I start Windows".

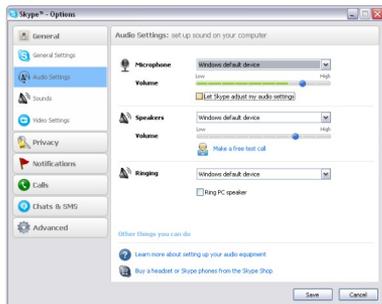


Installation

Installation

B7. setup sound devices in Skype

Still in the Options window of Skype.



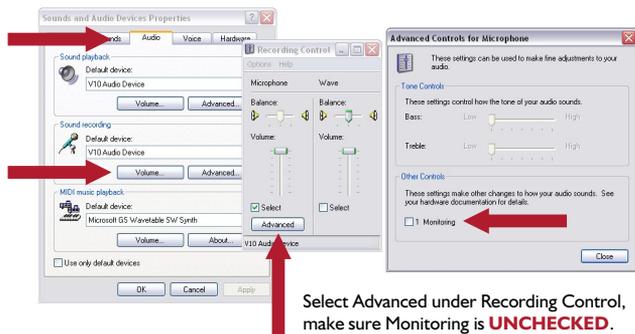
1. Select Microphone dropdown menu: "V10 Audio Device"
2. Uncheck "Let Skype adjust my audio settings"
3. Select Speakers dropdown menu: "V10 Audio Device"
4. Click "Save" to continue



You may experience some feedback sound at this point reduce the speaker volume and proceed to next step

Now go to Control Panel > Sound and Audio Devices.

Select Audio tab, **Volume** under Sound Recording, make sure its selected V10 Audio



Select Advanced under Recording Control, make sure Monitoring is **UNCHECKED**.



B8. setting up middleware software

To continue, users must also set up the V10 middleware software which you have installed with the driver. You can bring up the program by selecting the V10 program from Windows' start menu, but it's much easier to access this from the system tray.

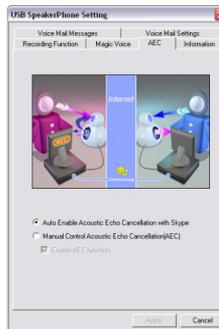


A gray icon will show up in the system tray area, it should turn green if V10 is connected and softwares installed properly

Right click on the icon and check "Auto Enable AEC with Skype".



Make sure you turn this on to prevent "feedback" sound from the V10.



If you do not see the above option when you right click on the icon, your V10 may have not been connected during the earlier installation. Connect your V10 and reinstall the software.

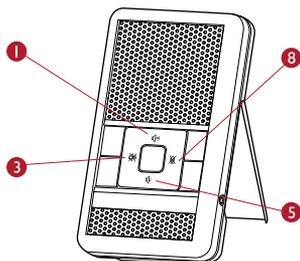
Users can also click "Settings" to enter advanced setting page as shown on the right. There are a number of different adjustments to be made here. More details of each features are shown in section C.

Click on the AEC tab, and you can select "Auto Enable Acoustic Echo Cancellation with Skype" feature here instead of right click on the icon as shown earlier.

Operation

C1. using the digital audio controls

The V10 main key interface can be divided into two groups: (1) universal audio controls and (2) Skype-related feature controls. The universal audio control keys includes volume controls and mute keys.



The universal audio control keys directly control the audio settings of the Windows OS. By pressing the (1) Speaker volume increase key, the system's volume will increase, vice versa for the (5) Speaker volume decrease key. The (3) Speaker volume mute and (8) Microphone mute keys cuts off the sound for the speaker and microphone respectively. Settings made here will affect all programs running.

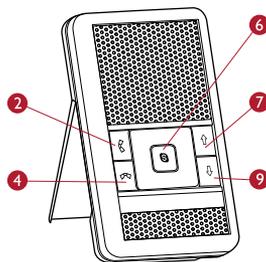
C2. using the V10 to make Skype calls

Press the (6) Skype program activation key to call up Skype.

If the green light is lit but there's no action from the Skype program, please go back to section B5 to check if the middleware has been successfully linked to Skype.

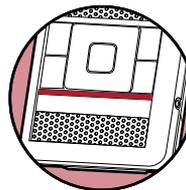
Press (6) key again to switch the Skype pages to contacts, dialer, history...etc.

Press the arrow keys (7) and (9) to select through the contact and (2) Skype Dial key to dial. End your call by pressing key (4).

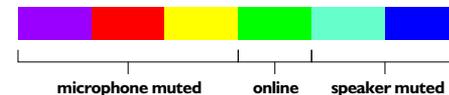


Operation

C3. understanding the LED-indications



The (13) LED-indication bar uses the Vivid Color System (VCS), which means whenever you see any of the below colors flashes, that status is activated. Online flashes green, muted mic flashed purple/red/yellow, speaker muted flashes cyan/blue, and both muted flashes purple/blue/cyan/white.



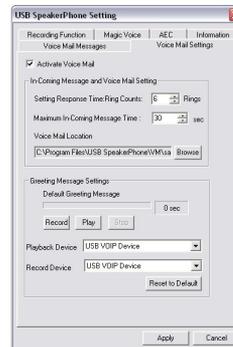
C4. operating advanced features of software

The V10 software offers a number of voice-related features besides chat conference capability. Functions like Voice Mail Messages, Magic Voice and Voice Recording can be found inside the V10 software you've already installed.

Voice Mail Settings

Start the software by right-clicking on the V10 software in the system tray icon, and select options. Click on the Voice Mail Settings, and follow these steps:

1. Check "Activate Voice Mail"
2. Select number of ring counts for incoming call
3. Select the maximum length of each message
4. Define a location for storage of message files
5. Select the Record and Playback devices down below, choose USB VoIP Device
6. Click "Record" to make default greeting message
7. Play back the message if you need.



Operation

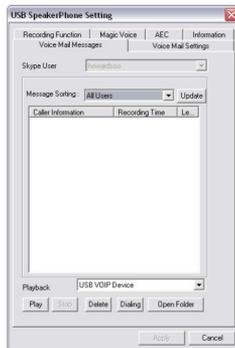
Operation

C4. operating advanced features of software

Voice Mailbox

This is where your voice mails entries are stored and retrieved. Follow the instructions:

1. Select the Skype user account, if you only have one you won't be able to choose
2. Sort the messages for your account(s)
3. Choose USB VOIP as Playback device
4. Select a message and click Play to listen
5. You can click Stop to end the message
6. Delete the message if you wish
7. Click Dialing to dial back to your caller
8. Open Folder will bring up the message folder location in your computer



Recording Function

During any Skype conversation, you can choose to record it by right clicking the software icon in the system page. Choose Settings and click the "Recording Function" tab. To start recording:

1. Select a location to store the recordings
2. Choose which Skype account to use
3. Click "Activate Local Recording Function"
4. Click "Play" to hear back the recording
5. You can also Delete or open up the folder where the files are stored.

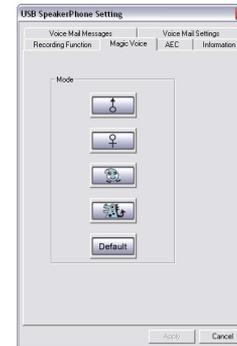


Magic Voice

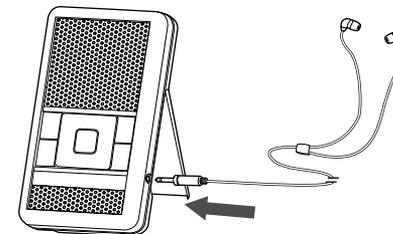
A fun feature called "Magic Voice" is also included allowing you to change the sound of your outgoing voice .

Follow the instructions:

1. Choose the mode of voice by selecting:
 - Male voice simulation
 - Female voice simulation
 - Cartoon voice simulation
 - Monster voice simulation
2. Click through the different buttons to test
3. Click Default to go back to the normal tone



C5. connect an optional earphone



During a call, you sometimes may want to switch to a more private mode. The V10 offers the ability to connect to any standard earphone or headphone with a 3.5mm plug. Only the speaker-side will be transferred to the earphone, the microphone on the V10 is still activated. **Remember to lower the volume when using this feature.**



D1. general tips and reminders

SOFTWARE TROUBLESHOOTING

- If you don't see "Auto Enable AEC with Skype" when you right click on the program icon in the system tray, it may mean that your V10 is not connected, or it wasn't connected during installation. Keep V10 plugged in, go to "Start" > "All Programs" > "USB Speakerphone" > "Uninstall USB" > "SpeakerPhone". When the uninstaller starts up, choose Repair and the software will reinstall, and system restart. After restarts, you should be able to see the selection when you right click the icon.
- Make sure you turn off "Let Skype adjust my audio settings" in the skype program's audio setting as shown in section B6 of this manual.
- Skype, by default, will use the "Windows default device" as it's audio in and audio out settings. V10 will change Windows' default audio input and output device to "V10 Audio Device" or "USB VoIP Device" automatically, once it is plugged in. But, if there's no sound coming from V10, you can manually change the device by going into "Control Panel" > "Sounds and Audio Devices" > "Audio" > "Sound Playback" & "Sound Recording" to change the device to "V10 Audio Device" or "USB VoIP Device".
- You can also just select your audio device from within Skype by "Tools" from the top menu of Skype, > "Options" > "Audio Settings" > "Microphone" or "Speakers" and select "V10 Audio Device" or "USB VoIP Device".

GENERAL TIPS

- For better acoustic performance, always flip the black door and let V10 stand upright.
- Plug in the 3.5mm headphone for private communication and have the best fully duplex sound quality.
- Master Volume can be adjusted from Windows "Sound and Audio Devices" setting, aside from the V10 main interface.
- For addition information of V10 or software update, please visit our official website at <http://www.accutone.com>.

D2. precautions on safety

- Listening with the headset at high volume may damage your hearing.
- Adjusting the volume for microphone or speaker too high may cause squealing (feedback sound) and can damage your hearing.
- Do not use while driving.
- Place product far away from water, fire, extended exposure of direct sunlight or magnetic field, and places of excessive dust, moist, rain, shock or electromagnetic radiation.
- Do not drop your device or subject it to external shock which may cause malfunction.
- Do not disassemble or attempt to open up the casing of the conference phone.
- Whenever unplugging the USB plug, apply force to the plug part only. Jerking the cord instead of the plug may cause damage to the product.
- Do not use any liquid substance to clean the casing of the product.

D3. CE/EMC Declaration

This V10 has been marked with the CE mark. This mark indicates compliance with EEC directives 89/336/EEC/EN55024/EN5022. The validity of the CE marking is restricted to only those countries when it is legally enforced, mainly in the countries of the European Economic Area.

D4. FCC Requirements - Part 15 Class B device or Peripheral

NOTE: 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 one or more of the following measures:

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

D5. trademark and ownership

- * Accutone and the logo design combined are trademarks or registered trademarks of Accutone Technologies Limited.
- * Microsoft and Windows are registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- * Pentium is a trademark or registered trademark of Intel Corporation.
- * Skype is a trademark or registered trademark of Skype Technologies S.A.
- * Apple Computer Inc. has intellectual property rights over "Apple", "Macintosh" and "OSX".
- * In this manual, Microsoft® Windows® XP Home Edition and Microsoft® Windows® XP Professional Edition are referred to as Windows XP, whereas Microsoft® 2000 Professional Edition is referred to as Windows 2000, Microsoft® Millennium Edition is referred to as Windows Me, and Microsoft® Windows® 98 Second Edition is referred to as Windows 98 SE.