# Dual Network USB A.T.A. Model: SKYA-ATP User Manual

#### Table of Contents

1. Introduction	3
1.1 Package Contents	
1.3 Main Features	
1.4 Minimum System Requirements	6
1.5 SKYA-ATP LED	
2. Install Skype Software	7
2.1 Install Skype and Quick Start	7
2.2 Set a Speed-Dial Number	
3. Setup SKYA-ATP	
3.1 SKYA-ATP Hardware Setup	21
3.2 USBAdapter Software Setup	
4. Use SKYA-ATP	
4.1 Before Making a Call	
4.2 SKYA-ATP Icons	
4.3.1 Option	
4.3.2 General Setting Page	
4.3.3 Audio Setting Page	
4.3.4 Multi-Call and Conference Setting Page	
4.3.5 Phone Setting Page	
4.3.6 Cheese Button Setting Page & Usage	
4.5 Make a SkypeOut Call	
4.6 Answer a Call	
4.7 End a Call	
4.8 Use Skype Voicemail	
4.9 Skype Caller ID	
4.10 Make a Multi-Call	
4.10.1 Make a Skype Multi-Call	
4.10.2 Make a PSTN/Skype Multi-Call	
4.10.3 Switch calls in a Multi-Call	56
4.10.4 Hang up the current call	56
4.10.5 End all calls	57

4.11 Make a Conference Call	57
4.11.1 Make a PSTN/Skype Conference Call	58
4.11.2 Hang up a Conference Call	59
5. FAQs	60
6. Regulation & technical support	76

#### 1. Introduction

Thank you for choosing Dual Network USB A.T.A.: SKYA-ATP allows you to make a traditional PSTN call or Skype™ call, the internet software telephony, using a regular analog wired/cordless phone or DECT (Digital Enhanced Cordless Telecommunications) phone. Even SKYA-ATP is not plugged into PC USB port, PSTN line is still available for emergency call. It supports both Multi-Call (call switch among multiple Skype contacts) and Conference call (talking to several Skype contacts simultaneously) either through PSTN line or Skype line. With these functions through SKYA-ATP's user friendly interface, it is simple and convenient for you to chat with some Skype contacts during the same period of time. SKYA-ATP also supports landline and phone RJ11 ports Auto-detection and Auto-swapping function to prevent user's neglect to have wrong connection for both RJ11 ports. Through Cheese Button function, user can quickly switch to SkypeOut™ or PSTN call to your contact by pressing two keys through phone keypad whenever PC to PC Skype communication quality is not good. User doesn't need to look for phone book and then make the call.

SKYA-ATP offers simple and convenient user interface for operation. You can easily operate it on a regular analog telephone. By connecting SKYA-ATP with a cordless or DECT phone, you can make/ receive a Skype call through the handset keypad without having to stay close to your computer. With PSTN and Skype through one cordless or DECT phone, you can carry the handset away from computer and won't worry about missing any PSTN or Skype call.

The document of SKYA-ATP comprises of several parts as follows: A quick installation guide to help install and use SKYA-ATP quickly. For any questions about this product, please refer to the SKYA-ATP user manual or SKYA-ATP on-line help. On-line help can be read from the USBAdapter system tray icon at the right-bottom corner of Windows desktop once the USBAdapter AP program is installed. Also, FAQs (Frequently Asked Questions) can be found from on-line help and user manual. For further questions, please feel free to contact us directly. The contact information for customer service is provided in on-line help and our company website.(http://www.ambicom.com.tw/) Thank you again.

### 1.1 Package Contents

- SKYA-ATP
- Type B USB cable(Male A, Male B)
- Telephone Line cable
- Installation CD including AP setup program, quick installation guide and user manual



#### 1.2 Product Specification

Model Number SKYA-ATP

**Dimensions** L x W X H: 95 X 66 X 22 mm

**Operating System Support** Microsoft XP or Windows 2000(SP4 or later)

Skype Version Support 2.0 and 2.5

**Interface Ports** 

One USB port for computer

One Phone port for an analog phone

One Line port for PSTN line

**LED Indicator**: Blue(Skype), Green(PSTN)

Stand by (Slow on/off)

Ringing (Fast on/off)

Call Active (Always on)

Error (Always off)

**Audio** 16 bit PCM

**Power** USB power and no external power needed

**Operation Temperature** 0 to 55 degrees Celsius

Regulatory Compliance FCC Class B, CE, RoHS

Warranty 1 year

Note: Specifications are subject to change without notice.

#### 1.3 Main Features

Flexibility

Make both Skype and PSTN calls with an existing regular or cordless phone

Support 20, 25, 30 and 50Hz ring frequency

Support 2 REN standard loads

Support standard windows USB audio device with unique device ID

Support international busy tone generation to connect with PBX feasibly

SKYA-ATP is at PSTN mode by default (even without PC) for emergency call

Mobility

Connect Skype through your phone, no need of microphone and speaker

Support various cordless phones including DECT, 2.4GHz, 900 MHz or

others

Simplicity

Support Skype/ SkypeOut speed dial and SkypeOut direct number dial through the phone keypad

Auto-configure Skype audio device after SKYA-ATP is connected to PC USB port and initialized completely

When PSTN line is not connected, auto-switch to Skype line
Receive a Skype call in the way as you do with your existing phone line
Similar dialing behavior as a traditional PSTN call

Support FSK caller ID for Skype calls with speed dial number for easy call back

Easy of use and user friendly interface

USBAdapter AP program automatically live updates from internet

Cheese Button: If Skype audio quality is not good or Skype contact doesn't answer the call.... Just press two keys through phone keypad to switch to a presetting SkypeOut/PSTN call

Phone and Line RJ11 ports Auto-Detection and Auto-Swap:





#### **Functionality**

USB internal power

Switch between Skype and PSTN mode by pressing phone key "#"
Create a Multi-Call and switch between held calls circularly by phone key
"\* 1"

Create a conference call and join new calls (Skype or PSTN call) into the conference sequentially by phone key "\*2"

Support call waiting (Skype ← → PSTN)

## 1.4 Minimum System Requirements

To keep normal functions of SKYA-ATP, user needs to make sure his/her system to meet the following minimum requirements:

One Computer running at 800 MHz or better, 128 MB RAM with a USB port and a CD-ROM drive

Microsoft Windows XP or 2000(SP4 or later)

50MB free hard disk space

Skype version 2.0 or 2.5( free download from <a href="http://www.skype.com">http://www.skype.com</a>)

Internet connection (WiFi, ADSL, 56kbps Modem, ...., etc

#### 1.5 SKYA-ATP LED



#### 2. Install Skype Software

The first step of setting up SKYA-ATP is to install Skype on the computer. This chapter describes Skype version 2.5 installation procedures in two sections: Install Skype and Quick Start and Set a Speed-Dial Number.

#### 2.1 Install Skype and Quick Start

If Skype has been installed, check if it is the version which SKYA-ATP claims to support as SKYA-ATP user manual section 1.4 Minimum System Requirements. If the answer is yes, user can skip this section and go to the next section. If not, download the most updated Skype version. Since Skype might change API for the new release, we can't guarantee our current SKYA-ATP AP can work with the new update seamlessly. You should be able to adopt it for basic Skype talk, but you always can download the latest SKYA-ATP AP program from our web site or get help from our supporting people.

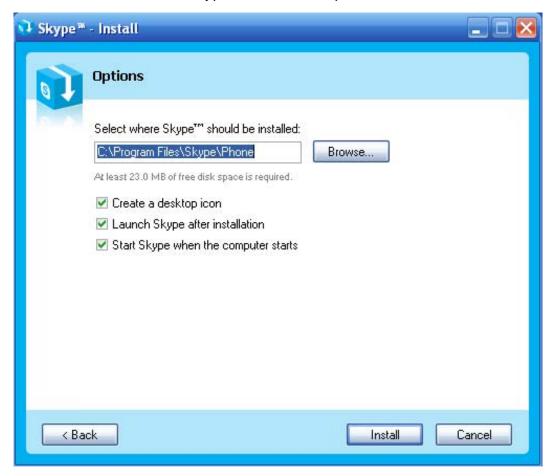
- Open an Internet browser, and, in the address bar, enter: http://www.skype.com/
- When the Skype web page appears, click Download Skype. The download is free.
- 3. After downloading, double-click on the SkypeSetup.exe icon.



 The Skype welcome window as below will appear. Follow blue circles 1~3 to select a language by scrolling the bar, accept Skype End User License Agreement and click Install.



5. If user choose Options button in the previous step. An Options window will pop up and user can choose preferred installation folder by Browse. User can choose to check boxes for Create a desktop icon, Launch Skype after installation, or Start Skype when the computer starts. Then click "Install".



Note: user can always click Back to go back to the previous step.

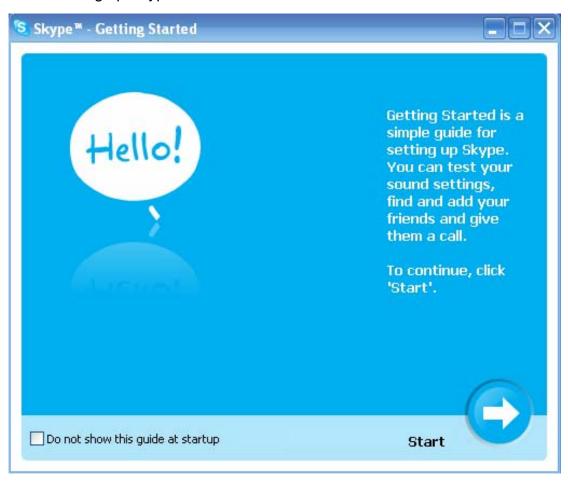
6. After installation, Skype will ask for Create Account. Then click "Next".



7. User can provide e-mail address and country information and then click "Sign In".



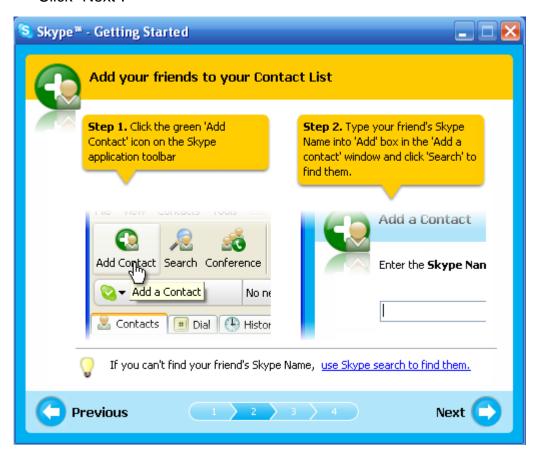
8. A Getting Started window comes up. Press Start button to get a simple guide for setting up Skype.



9. The next window will help user to check your sound settings by making a Skype test call. Click "Next".



10. The next window will guide user to add friends to user's Skype contact list. Click "Next".



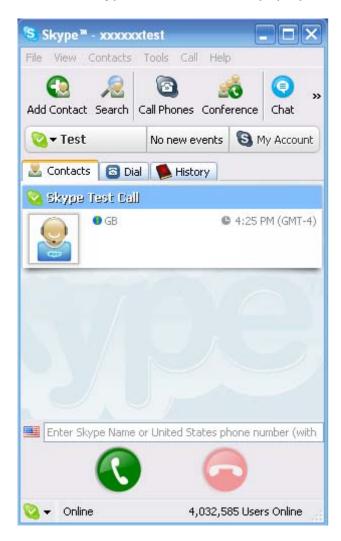
11. Then user can try to call friends. Click "Next".



11. Next window will guide user to call ordinary phones with Skype(SkypeOut) and click "Finish".

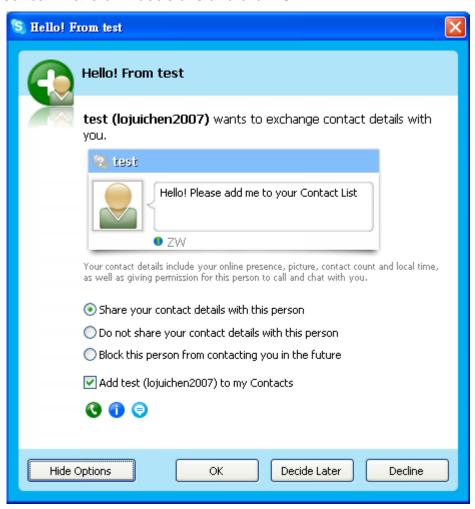


13. Next, Skype main window will pop up and user can start to enjoy Skype.



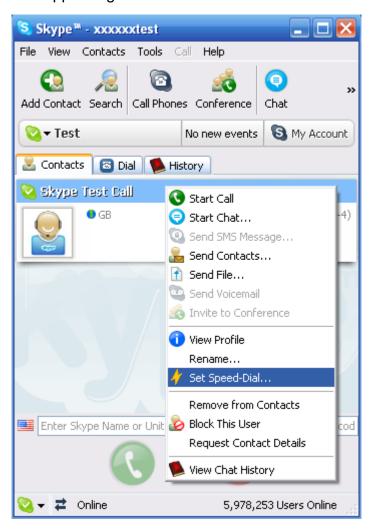
14. When a new Skype contact calls you, Skype will ask for your authorization.

User can make own decisions and click "OK".



## 2.2 Set a Speed-Dial Number

1. From the main Skype window, select the "Contacts" tab, choose a contact name and right-click on the contact name and select "Set Speed-Dial" in the appearing menu.



2. In the next window, enter a one or two digits speed-dial number. Then click "OK"



3. The speed-dial number is set to the contact. Follow the same procedure to set a Speed-Dial Number to the other contacts.

## 3. Setup SKYA-ATP

## 3.1 SKYA-ATP Hardware Setup

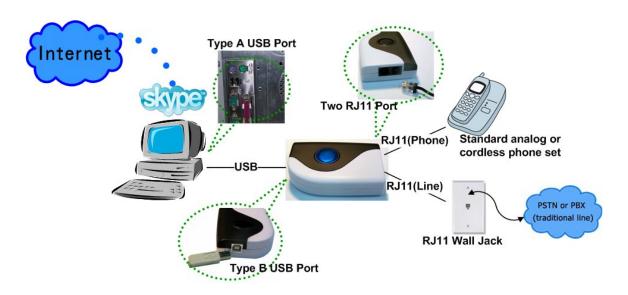
1. Get the SKYA-ATP from SKYA-ATP package.



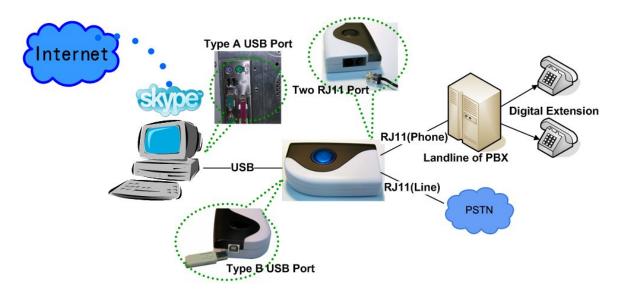
- Connect SKYA-ATP USB port with user computer USB port through the USB cable.
- 3. Connect one telephone cable between the Phone port of SKYA-ATP and the telephone RJ11 port.
- Connect one telephone cable between the Line port of SKYA-ATP and PSTN line.



Connect USBAdapter to a standard analog or cordless phone set only



Connect USBAdapter to a phone set and PSTN line



**Connect USBAdapter to PBX and PSTN line** 

Important note: Don't connect SKYA-ATP Phone and Line ports to both PSTN lines, otherwise SKYA-ATP might be damaged.

#### 3.2 USBAdapter Software Setup

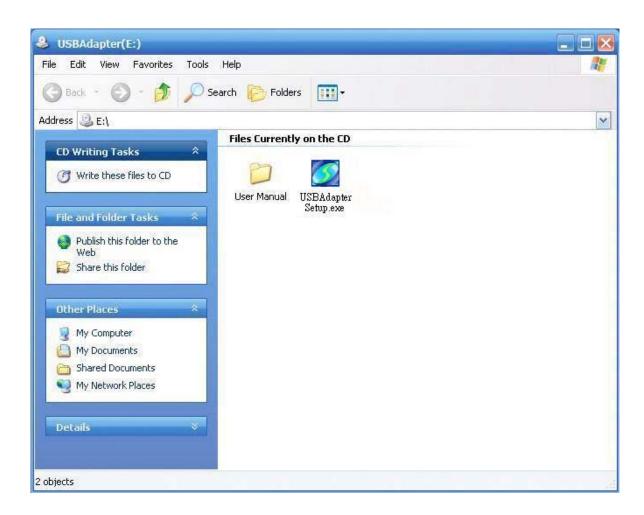
After the installation of the Skype software and the SKYA-ATP hardware setup, the next step is to install the USBAdapter AP (Application Program) software into the computer.

To install the USBAdapter AP software:

1. After the SKYA-ATP is connected to the computer, it will take up to 15 seconds for the "**Found New Hardware**" window to appear.



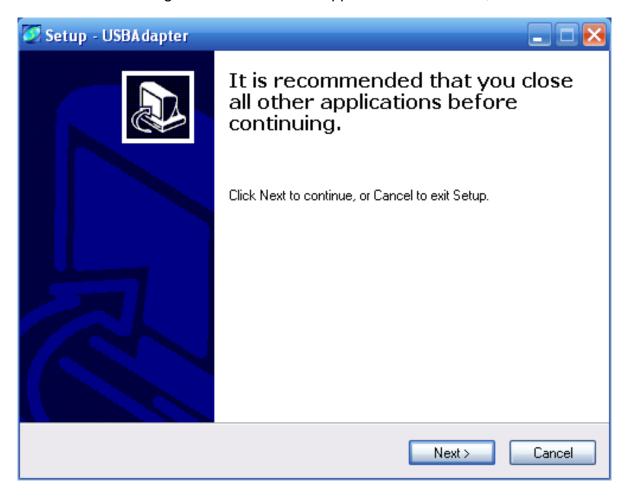
2. Insert the Installation CD into the CD-ROM drive of the computer. Double click the "USBAdapter setup" file. Then follow the instructions to install the USBAdapter AP program.



3. In Windows 2000, user might get below "Digital Signature Not Found" window. Click "Yes" to continue installation.



4. Then next window will recommend user to close other application programs before continuing to install. After other applications are closed, click "Next".



5. The "**Select Setup Language**" window pops up. Choose a preferred language by scrolling down the selection bar. After choosing the language, click "OK".

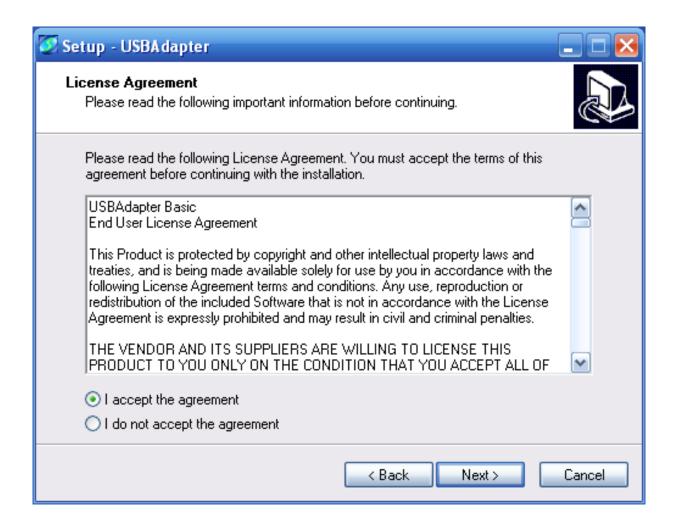


6. The "Welcome to the USBAdapter Setup Wizard" appears. Read the on-screen instructions and click "Next".

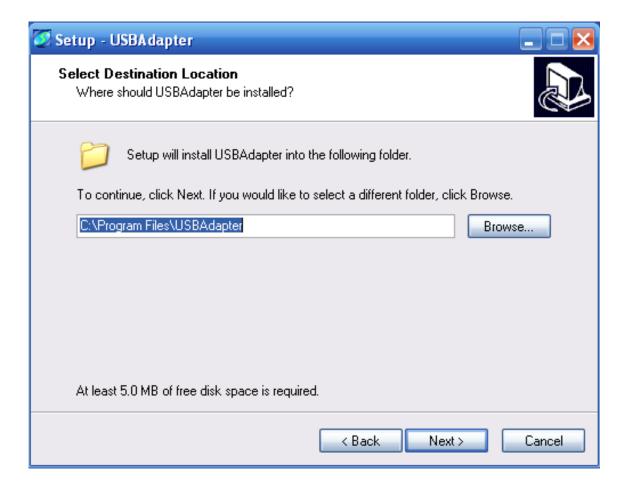


7. In the next window, check the box of "I accept the agreement" after reading the agreement carefully. Then Click "Next".

Note: User can click Back to go back to the previous step anytime during installation.



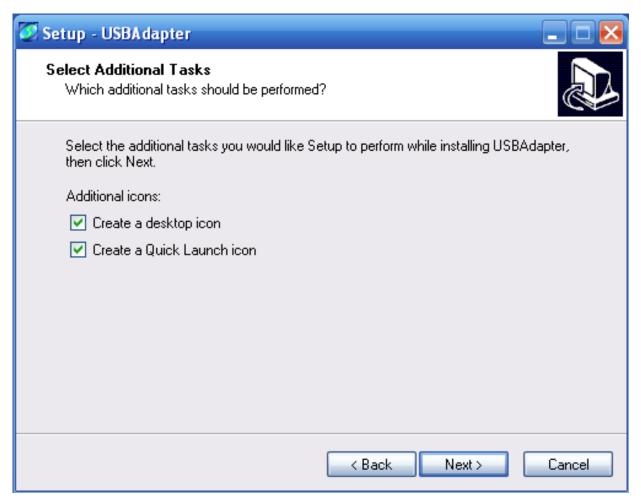
8. In the next window, designate a folder for the installation. A default folder will appear. If this is not a preferred folder for user, click Browse and choose a folder from the list. After deciding folder for the installation, click "Next".



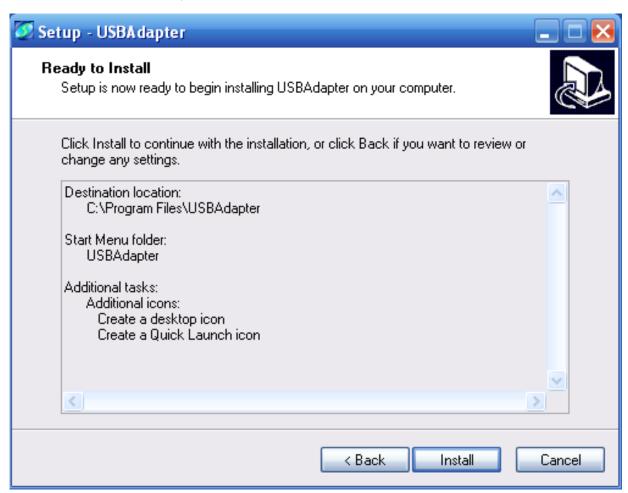
9. In the next window, choose a preferred folder for USBAdapter program's shortcuts in Start Menu folder. A default folder will appear. If this is not a preferred folder, click Browse and choose a folder from the list. User can choose not to create a Start Menu folder. If this is the case, check the box of "Don't create a Start Menu folder". Click "Next" when the setting is done.



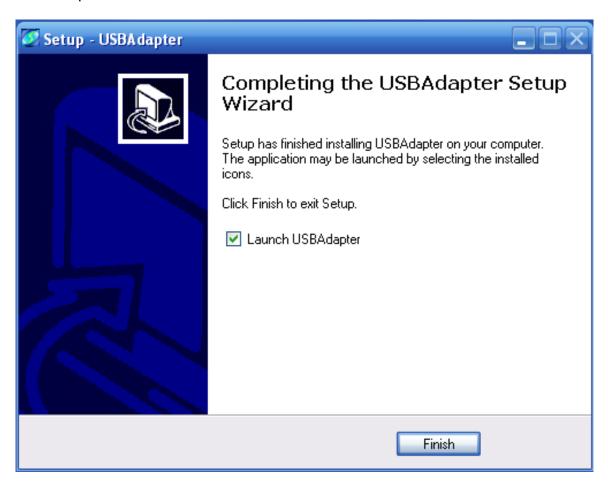
10. The next window is to create the Desktop icon or the Quick Launch icon. Check the appropriate box as desired. After USBAdapter AP is launched, the Desktop icon will appear on the computer desktop and the Quick Launch icon will appear in the left bottom corner of the Windows screen. Click "Next".



11. The next window contains the related installation information and allows the user to select to start the installation. Carefully examine the configurations. If configurations need to be changed, click Back to make necessary modifications. If not, click "Install" to start the installation.



12. In the next window, user can choose to launch USBAdapter. Check the "Launch USBAdapter" box (default is enable). Click "Finish" to finish the setup.



13. If user chooses to launch USBAdapter in previous step, Skype will invoke one warning window "Another program wants to use Skype". Choose "Allow this program to use Skype" or "Allow this program to use Skype, but ask again in the future". Check the appropriate box. Then click "OK".

Note: Please do not choose the option of "Do not allow this program to use Skype". If this option has been chosen, and user still wants to use USBAdapter, please refer to Q4 of Chapter 5 FAQs for solution.



#### 4. Use SKYA-ATP

### 4.1 Before Making a Call

Before making a call using SKYA-ATP, please make sure the following requirements have been met:

- The whole computer system and internet connection meet or exceed the minimum system requirements in Minimum System Requirements section.
- The computer is connected to the Internet
- SKYA-ATP is connected to one computer USB port
- A telephone is connected to the SKYA-ATP Phone port and SKYA-ATP Line port is connected to PSTN line via phone cables
- A Skype program version 2.0 or 2.5 is installed and launched
- A Skype account has been created and contacts have been added User can set a Skype Speed-Dial number for a contact as below:

From the main Skype window, select the "Contacts" tab, choose a contact name and right-click on the contact name and select "Set Speed-Dial" in the appearing menu.



USBAdapter AP program is installed and launched successfully by checking if USBAdapter system tray icon at the right-bottom corner of Windows desktop shows

- When user picks up the phone receiver, there is a PSTN dial tone coming up
- Blue or green LED is slow blinking when SKYA-ATP is ready solid-on when the phone is off-hook fast blinking when the phone rings off when SKYA-ATP has any problem

#### 4.2 SKYA-ATP Icons

#### **Desktop and Quick Launch icon**



**USBAdapter** 

System tray icons at the right-bottom corner of Windows desktop

Hardware Initializing S 3 H S Communicating with Skype Ready Off Hook

Hardware failure

Skype unavailable

VoIP only

#### **USBAdapter GUI**

There are four choices (**Option**, **About**, **Help** and **Exit**) when user clicks USBAdapter system tray icon at the right-bottom corner of Windows desktop. **Option** has all settings for USBAdapter. **About** will tell user USBAdapter AP software version. The on-line help will be launched when user chooses **Help** from USBAdapter system tray icon. On-line help supports language English, Traditional Chinese and Simplified Chinese. **Exit** will close USBAdapter AP (Application Program) program.

Following are detailed descriptions about USBAdapter **Option** settings.

## **4.3.1 Option**

The Option dialogue includes the settings most commonly selected by users. When user clicks the OK button at the bottom of Option dialogue after making a new setting, the new setting will be activated and Option dialogue closes immediately. If user clicks the Apply button at the bottom of Option dialogue after making a new setting, the new setting will be activated immediately and user can continue to make more changes if necessary. User chooses either OK or Apply button, the new setting will be saved and user has the updated setting when user launches USBAdapter again. User can use Cancel button to cancel the changes and Option dialogue closes immediately. Besides, user can click Default button to refresh settings to default settings in every pages. There are following five pages:

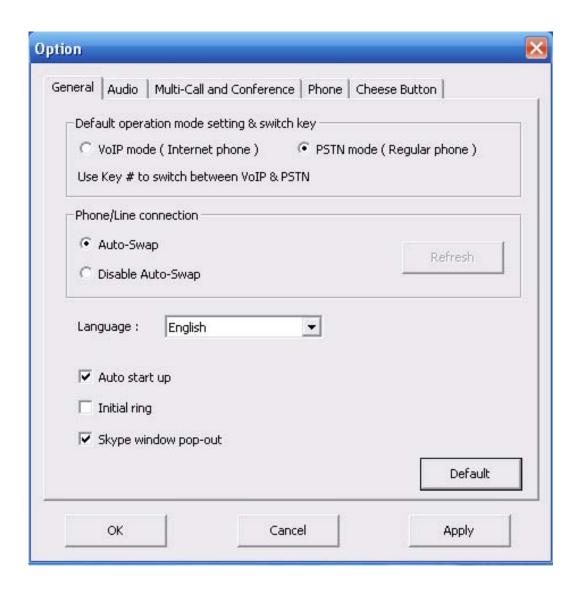
**General Setting Page** 

**Audio Setting Page** 

Multi-Call and Conference Setting Page

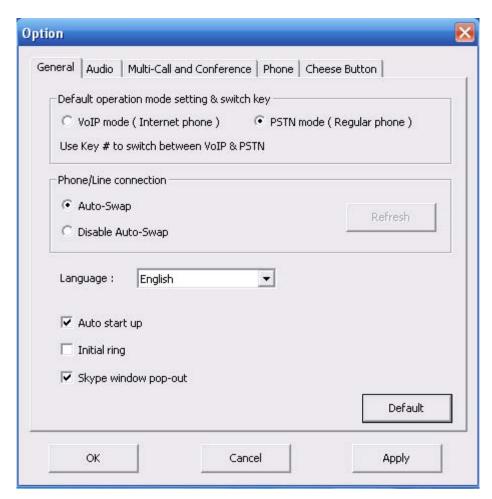
Phone Setting Page

Cheese Button Setting Page



#### 4.3.2 General Setting Page

This option dialogue provides the basic operation settings, including Default operation mode setting & switch key, Phone/Line connection, Language, Auto start up, Initial ring, and Skype window pop-out.



Default operation mode setting & switch key

USBAdapter supports either VoIP or PSTN default operation mode. User can distinguish which operation mode by the different dial tones.

When user selects VoIP as the default operation mode, user can dial a Skype call directly after user picks up phone. For PSTN call, user needs to dial "#" key first and then hears a PSTN dial tone. Make a PSTN call as user did in the past.

When user selects PSTN as the default operation mode, user can dial a PSTN number directly after user picks up phone. For Skype call, user needs to dial "#" key first and then hears a Skype dial tone. Then make a Skype call.

User can use "#" key to switch between VoIP and PSTN modes to add more contacts when calls have been put on hold during a Multi-call or Conference. User can't switch operation mode when there is any call in progress.

Default is PSTN mode.

Phone/Line connection

If user changes Phone/ Line connection status after USBAdapter AP program is launched or something abnormal happens for Skype or PSTN application, please press Refresh button to force Auto-Swap function. It will automatically swap both line connections internally even user has a wrong connection.

If user chooses Disable Auto-Swap function, user needs to make sure Phone/ Line ports have correct connection. Otherwise USBAdapter might not work properly.

Default is Auto-Swap enable.

Language

Three languages are available: English, Simplified Chinese, and Traditional Chinese.

If user installs USBAdapter in the operation system whose language is not in our supported languages list, then Language will be set to English automatically.

The default language is determined by the "Select Setup Language" setting during USBAdapter setup program is installing.

Auto start up

If this setting is enabled, USBAdapter program will be automatically loaded and executed when the computer operating system is started.

The default setting is enable.

Initial ring

If this setting is enabled, an initial ring from the connected phone will be activated to inform user USBAdapter is now ready for use, once the device initialization is successfully completed.

The default setting is disable.

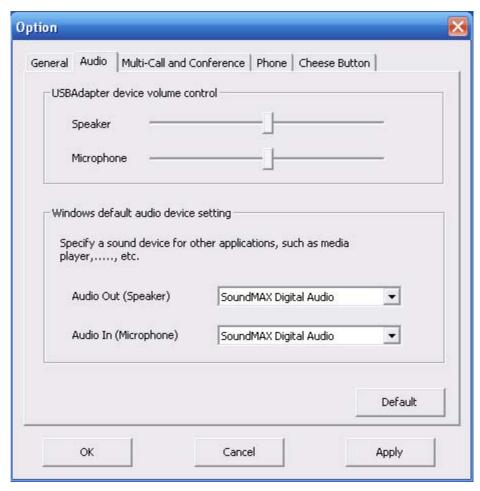
Skype window pop-out

If this setting is enabled, USBAdapter program will automatically bring up the Skype window when user picks up the phone receiver and bring down the Skype window when user hangs up the phone.

The default setting is enable.

## 4.3.3 Audio Setting Page

In Audio setting page, user can change audio settings including USBAdapter device volume control and Windows default audio device setting.



USBAdapter device volume control

User can individually adjust the speaker volume and the microphone volume of USBAdapter.

To adjust the audio wave output volume, drag the speaker volume scroll bar.

To adjust the audio wave input and recording volume, drag the microphone volume scroll bar.

Notice: If user attempts to change USBAdapter volume from Sounds and Audio

Devices in control panel, USBAdapter program will adjust the volume to its default value. If user attempts to change USBAdapter's microphone volume from

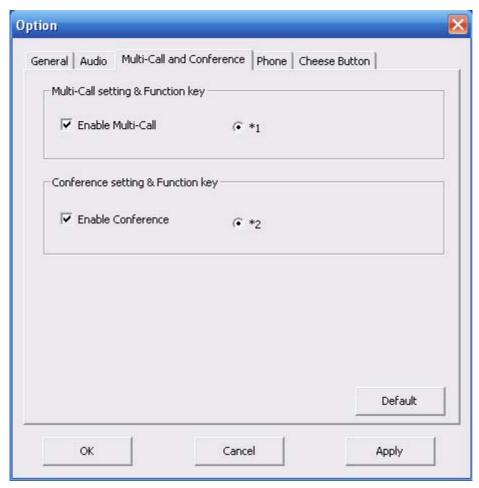
Sounds and Audio Devices in control panel and the volume exceeds USBAdapter's default value, USBAdapter will adjust the volume to its maximum value.

Windows default audio device setting

User can select an audio device for other Windows application including audio in and audio out device. Some USB audio devices might change Windows default audio device. With this function, user can easily change Windows default audio device for different applications.

# 4.3.4 Multi-Call and Conference Setting Page

User can select to enable the functions of Multi-Call and Conference individually. The page includes settings for Multi-Call setting & Function key and Conference setting & Function key. After Multi-Call or Conference function is enabled, the corresponding function key is selected.



Multi-Call setting & Function key

When Multi-Call function is enabled, the function keys for Multi-call are "\*1". Then user can make a one-on-one talk with the maximum of 3 Skype contacts and 1 PSTN contact during the same period of time. User can switch talk within

the reserved Skype/PSTN calls by pressing function keys "\*1". For detailed operation instructions, please refer to section 4.10 Make a Multi-Call.

The default setting for Multi-Call is enable.

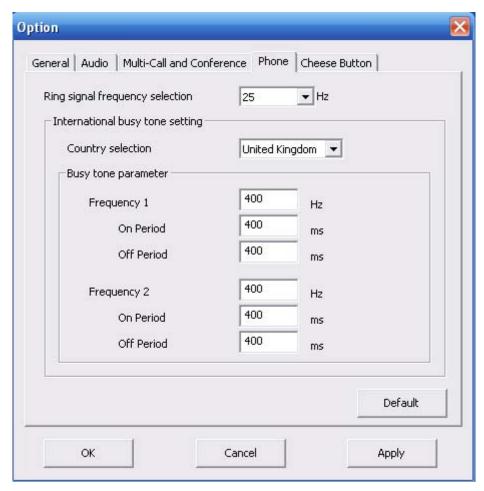
Conference setting & Function key

When Conference function is enabled, the function keys for Conference are "\*2". Then user can make a one-on-many talk with the maximum of 4 Skype contacts and one PSTN contact simultaneously. For detailed operation instructions, please refer to section 4.11 Make a Conference Call.

The default setting for Conference is enable.

## 4.3.5 Phone Setting Page

This page provides the related configurations about phone settings, such as Ring signal frequency selection and International busy tone setting which includes Country selection and Busy tone parameter.



Ring signal frequency selection

Here supports four types of ring signal frequency, 20Hz, 25Hz, 30Hz & 50 Hz. User can choose a proper ring signal frequency according to the ring frequency of the phone user adopts.

Usually the ring signal frequency adopted in the U.S.A. is 20Hz.

The ring signal frequency in Europe is 25Hz.

The ring signal frequency adopted by the major countries in the world ranges from 45

20 to 50Hz.

The default setting is 25Hz.

International busy tone setting

User can choose the living country from country selection list to get the familiar busy tone. When user can't find the living country from the list, user can configure the busy tone parameters themselves if they know the appropriate setting. Then click OK. It is not necessary for user to change this setting for general application.

This feature also allows user to set the appropriate settings of busy tone when USBAdapter is connected with one PBX for different application. By selecting a country, the device will activate the specific busy tone frequency and cycle adopted by local Public Switched Telephone Networks in that country. However, user needs to know the appropriate busy tone for the connecting PBX from the PBX product specification. Sometimes, the connecting PBX doesn't have the exact busy tone as the busy tone from the most PBXs in user's country. User can configure the busy tone parameters themselves if they know the appropriate setting. Then click OK. For such application user needs to make sure correct busy tone setting, otherwise USBAdapter might not work perfect.

The default international busy tone country setting is decided by the "Select Setup Language" selection when USBAdapter is installed. For example, when user selects English, the default country will be United Kingdom. USBAdapter supports busy tone for 18 countries now.

# 4.3.6 Cheese Button Setting Page & Usage

User can add friend's SkypeOut & PSTN numbers in below Cheese Button mapping table and make sure Cheese Button box is checked, then start to enjoy the convenience of Cheese Button function whenever there is a bad Skype communication or the contact unavailable.

Through Cheese Button, user can quickly switch to a SkypeOut or PSTN call by pressing two keys through phone keypad during a PC to PC Skype call with a bad communication quality or the contact unavailable. It is not necessary and prohibitive to hang up the current Skype call if user wants to use Cheese button function. After pressing keys " # + (1, 2 or 3)", user can either talk to the contact through SkypeOut or PSTN line. User can continue the conversation without the efforts of looking for phone book and then making a call again.

Press "#1" keys to call the SkypeOut number as user set.

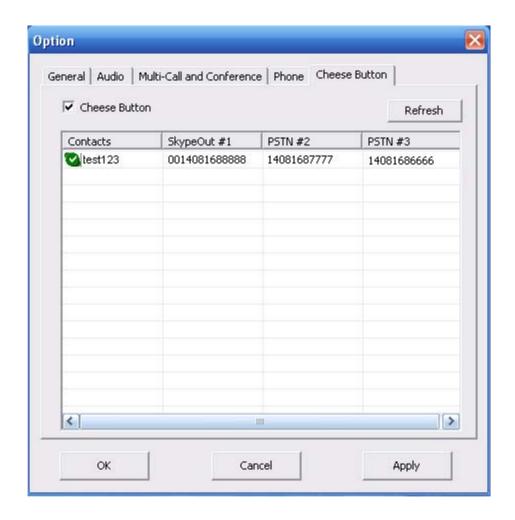
Press "#2" keys to call the PSTN Number 2 as user set.

Press "#3" keys to call the PSTN Number 3 as user set.

The default setting for Cheese Button is enable.

Notice: 1. If user didn't set the Cheese Button mapping table in advance, pressing keys "# + (1, 2 or 3)" won't have any effect.

- 2. User might need to use "\*" in the phone number to add delay for PSTN line to dial out in some cases.
- 3. USBAdapter will have a live-update of Skype status for contacts in Cheese Button list. However, Refresh button in below figure is for user to easily and immediately update the new added or removed contacts after USBAdapter AP is launched.
- 4. When user wants to use Cheese Button function, user needs to press key "1, 2, or 3" after "#" key within 3 seconds. Otherwise the function won't work.



# 4.4 Make a Skype/PSTN Call

To make an internet phone call or a PSTN call using USBAdapter:

Default Operation mode: PSTN

Pick up the phone receiver and user can find USBAdapter green color LED solid-on. After hearing a familiar PSTN dial tone, user can make a regular PSTN call just as user did in the past.

User can press "#" key from phone keypad and find USBAdapter blue color LED solid-on and then a Skype dial tone comes up. Dial the two-digit speed dial number of the Skype contact and wait for 3 seconds for the call to be dialed out. Or, to make an immediate call without wait by adding "#" key after the speed dial number. Speed dial number will also be displayed in Skype user interface in addition to being displayed in phone.

Use the Skype window interface to make a Skype call. Choose the contact name in the Skype window and click the Call/Answer button at the bottom of the Skype window with the mouse or keyboard. Then pick up the phone receiver and wait for the contact to proceed with the call.

User will hear a busy tone until phone is on-hook if the Skype contact is Offline, rejects to take user's call or hangs up before user does. The busy tone will be generated when user's status is Offline and phone is picked up or user dials a wrong speed dial number.

Default Operation mode: VoIP

Pick up the phone receiver and user can find blue color LED solid-on. Follow above steps 2~3 in default PSTN operation mode procedures to make a Skype call.

User will hear a busy tone until phone is on-hook if the Skype contact is Offline, rejects to take user's call or hangs up before user does. The busy tone will be generated when user's status is Offline when phone is off-hook or user dials a wrong speed dial number.

If user needs to make a PSTN call, user can press "#" key from phone keypad to switch to PSTN mode. Then USBAdapter green LED is solid-on and a familiar PSTN dial tone comes up. User can make a regular PSTN call just as user did in the past.

### 4.5 Make a SkypeOut Call

User needs to subscribe for SkypeOut credits in advance of making a SkypeOut Call. Subscription can be made on Skype web site <a href="www.skype.com">www.skype.com</a>. When the on-line subscription has been completed, user should be able to find one "service" message bar with account status added in the Skype window. Then user can start to use SkypeOut service. Calls, even the international calls, can be made at PSTN numbers or at mobile phone numbers. The rate is much cheaper than the regular PSTN rate.

Set a two-digit Speed-Dial number for the SkypeOut contact. User can refer to USBAdapter user manual "Set a Speed-Dial Number" in Chapter 2 for detailed procedure. Pick up the phone receiver. Wait for a dial tone. Then dial the speed dial number of the Skype contact. Wait for 3 seconds for the call to be dialed out. Or to make an immediate call without wait by adding "#" key after the speed dial number.

Use the Skype window interface to make a call. Choose the SkypeOut contact name in the Skype window and click the Call/Answer button at the bottom of the Skype windowwith the mouse or keyboard. Then pick up the phone receiver and wait for the contact to proceed with the call.

1. Another method to make the call is to dial the number directly from the phone keypad without the effort of making SkypeOut contact. SkypeOut call number format is 00 or "+" key + country code + local PSTN/Mobile number. For example, user can make a call to U.S.A. by pressing 00-1-408-888-8888. For Skype version later than version 2.5, user can omit 00 + country code when making a SkypeOut call by selecting a corresponding country after clicking Dial tab as below figure.



User will hear a busy tone if the SkypeOut contact doesn't answer the call. Please refer to item 4 of Make a Skype/PSTN call section for more information about busy tone.

User can't call contact's office number through SkypeOut by adding "\*" key between office number and extension number. User needs to make a SkypeOut call to a contact'soffice number first and then dial extension number through phone keypad or Skype keypad (can be pulled down fromSkype dial tab when you are making the call) when user makes the callthrough Skype window interface.

#### 4.6 Answer a Call

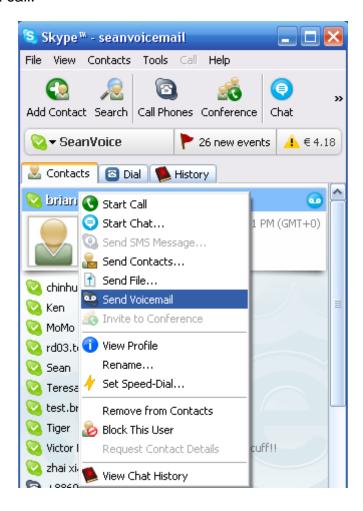
- 1. Pick up the phone receiver and proceed with the call when the phone rings.
- 2. Use the Skype window interface to answer a Skype call. When there is a Skype/SkypeIn<sup>TM</sup> incoming call, click the Call/Answer button at the bottom of the Skype window with the mouse or keyboard. Pick up the phone receiver and wait for the contact to proceed with the call.
- 3. User will hear a busy tone if the caller hangs up the call before user does.

#### 4.7 End a Call

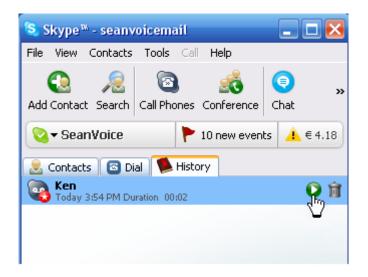
User can hang up the phone to end a PSTN or Skype call or click Skype Hang Up/Reject button to end a Skype call.

## 4.8 Use Skype Voicemail

After user enables Voicemail by subscribing from Skype, user can leave Voicemail to any contact by choosing the contact and right-clicking mouse to choose Send Voicemail. User with Voicemail enabled can get Voicemail if he didn't answer a call.

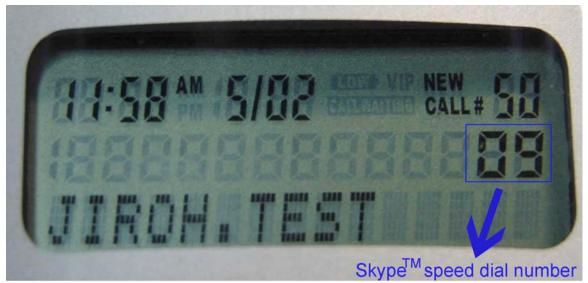


User can pick up phone receiver and click History tab of Skype main menu to check Voicemail. Voicemail can be retrieved by clicking play icon to start and stop as below picture. Once Voicemail ends, there will be a dial tone coming up and user can choose to check another Voicemail or make another call.



# 4.9 Skype Caller ID

USBAdapter can support Type I FSK Caller ID for Skype call. If USBAdapter is connected to one phone with FSK Caller ID support, then user can see the caller's Skype account from display screen when there is a Skype incoming call and the phone is on-hook. As below figure, our USBAdapter program can provide information about caller's Skype account, caller's Skype speed dial number and the calling time.



Caller's Skype speed dial number will only be displayed if callee did setup a Skype speed dial number for the caller and callee can call back the Skype contact by using the speed dial

number easily without searching efforts. User might be able to use phone's redial function to call back the contact by Skype speed dial number, however, please make sure USBAdapter is at VoIP mode by default. If USBAdapter is at PSTN mode by default and user wants to press "#" key from phone keypad to switch to VoIP mode and redial contact's Skype speed dial number, it might not work.

The displayed calling time will be the callee's PC local time and the time displayed will also be decided by the phone supporting format and whether the phone supports time display or not.

#### 4.10 Make a Multi-Call

Make sure Multi-Call function is enable before making a Multi-Call and Multi-Call function key is "\*1". User can engage in a one-on-one talk with the maximum of 3 Skype contacts and one PSTN contact and switch between them by using the function key "\*1". Multi-Call can be done when user is making or answering a call.

Notice: 1. In order to prevent possible troubles when user presses "\*"during a PSTN service call such as 800, we need user to start a Multi-Call from a Skype call. User can't make a PSTN call first and then add another Skype contacts for a Multi-Call.

- 2. If user is calling a Skype contact with a voice mail on-going, the call can't be reserved and user can press "\*" key to disconnect the call.
- 3. User might encounter trouble for service call such as 800 when user presses "\*" rule "#" key during the service call.

# 4.10.1 Make a Skype Multi-Call

When a Skype call is undergoing, pressing the Multi-Call function key "\*1" will put the current Skype call on hold. There will be a dial tone to inform user it is time to add another Skype contact by dialing the speed dial number(followed by "#" key for an immediate call). The same procedure can be repeated until the maximum of 3 Skype contacts have been added.

User can also use the Skype window interface to make a Multi-Call. Then pick up the phone receiver and wait for the contacts to proceed with the call.

When there are more than two Skype users in a Multi-Call, user might hear a busy

tone for 5 seconds if the Skype contact doesn't answer the call or hang up during conversation. Then a Skype dial tone comes up and user can decide to add a new contact or press "\* 1" keys to switch to the reserved call. However, there won't be busy tone played if the reserved contacts hang up.

When user presses Multi-Call function key "\*1", user needs to press key "1" after key "\*" within 3 seconds. Otherwise the current call will be hung up and won't be reserved.

# Make a PSTN/Skype Multi-Call

In order to prevent possible troubles when user presses "\*" during a PSTN service call such as 800, we need user to start a Multi-Callfrom a Skype call. User can't make a PSTN call first and then add another Skype contacts for a Multi-Call.

User can follow previous section - Make a Skype Multi-Call to add Skype contacts. If user would like to add PSTN contact for a Multi-Call, user needs to press Multi-Call function key "\*1" to hold current Skype contact, then press "#" key to switch to PSTN mode and make a PSTN call.

Add the waiting call into a Multi-call during a Skype call: When user is talking with a Skype contact and there is another incoming PSTN or Skype call coming, user will hear an interrupt tone. There will be one tip to guide user to press "\*1" keys to reserve the current Skype call and answer the incoming PSTN call. At this moment, user can press "\*"key to cancel the current Skype or PSTN call. If the PSTN contact is disconnected, user needs to press "\*"key to close the PSTN call and get a Skype dial tone. Now user can add a new PSTN call. User can press keys "\*1" twice to switch back to the reserved Skype contact. After pressing "\* 1" keys one time, user will hear a Skype dial tone, user can add a new Skype or PSTN( only one PSTN contact in a Multi-Call) contact or switch back to reserved Skype contact by pressing "\*1" keys again. If user doesn't answer the incoming Skype call after 10 seconds and tool tip disappears, the incoming call will be rejected. If the incoming call is PSTN, waiting call tool tip will disappear after 10 seconds, user can still talk to the PSTN contact by pressing "\*1" and "#" keys if the PSTN caller is still waiting. Please be reminded that user will take the waiting PSTN call if the waiting PSTN is still calling you when user wants to add another PSTN for the Multi-Call by pressing "\*1" and "#" keys. After picking the waiting PSTN call, user can press "\*"key to cancel this PSTN call and get a Skype dial tone. Then add a new PSTN call for the Multi-Call.

Add the waiting call into a Multi-call during a PSTN call: When user is talking with

a PSTN contact and there is another Skype call coming, user will hear an interrupt tone. There will be one tip to guide user to press "\*1" keys to reserve the current PSTN call and answer the incoming Skype call. User can press keys "\*1" twice to switch back to the reserved PSTN call. After pressing "\*1" keys one time, user will hear a Skype dial tone, user can add a new Skype contact (only one PSTN contact in a Multi-Call) or switch back to reserved PSTN contact by pressing "\*1" keys again. If user doesn't answer the incoming Skype call after 10 seconds and tool tip disappears, the incoming call will be rejected.

For busy tone, user can refer to item 3 of Make a Skype Multi-Call section.

When user presses Multi-Call function key "\*1", user needs to press key "1" after key "\*" within 3 seconds. Otherwise the current call will be hung up and won't be reserved.

#### 4.10.3 Switch calls in a Multi-Call

When user wants to switch between contacts in a Multi-Call, he/she can press the "\*"and "1" keys and soon there is a Skype dial tone coming up. Pressing the "\*"and "1" keys again after the dial tone, the talk is then switched to the next reserved call.

The sequence of the switch circulation is the same as the sequence these calls were established. For example, user sets up call 1 to call 5. After user talks to call 5, the next switch will be call 1.

### 4.10.4 Hang up the current call

During a Multi-Call call (at least 2 contacts), the current call will end after 3 seconds if user presses "\*" key. A Skype dial tone comes up and user can decide to make a new call or switch back to the reserved call.

If the current call is a PSTN call, pressing " $\ast$ " key will disconnect the PSTN

call and switch to VoIP mode, and then a Skype dial tone comes up.

When user wants to cancel the current dialing call, press the "\*" key. The dialing call can be cancelled and then a dial tone comes up. User can decide to make a new call or press Multi-Call function key "\*1" to switch to next reserved call.

When user makes a Multi-Call to a contact with Skype Voicemail function enable, user can decide to hang up the call by pressing "\*" key or Multi-Call function key 56

"\*1" when the call enters contact's Voicemail. Then a dial tone comes up and user can decide to make a new call or switch to a reserved contact by pressing Multi-Call function key "\*1" again.

When user makes a Multi-Call to a contact with an answering machine phone, user can decide to hang up the call by pressing "\*" key when the call enters contact's answering machine voice mailbox. Then a dial tone comes up and user can decide to make a new call or switch to a reserved contact by pressing Multi-Call function key "\*1".

#### 4.10.5 End all calls

User can hang up the phone to end all calls.

#### 4.11 Make a Conference Call

User must make sure Conference call function is enable and the function key is \*\*2".

User should be able to setup a one-on-many talk with the maximum of 4 Skype users and 1 PSTN user simultaneously, but it can only be started when user is on a Skype call.

In order to prevent possible troubles when user presses "\*"during a PSTN service call such as 800, we need user to start a Conference call from a Skype call. User can't make a PSTN call first and then add another Skype contacts for a Conference call.

# 4.11.1 Make a PSTN/Skype Conference Call

In order to prevent possible troubles when user presses "\*"during a PSTN service call such as 800, we need user to start a Conference call from a Skype call. User can't make a PSTN call first and then add another Skype contacts for a Conference call.

Default operation mode is PSTN mode: Press "#" key to switch to VoIP mode and make a Skype call and then the Conference function key "\*2". The current Skype call will be put on hold. Soon there will be a dial tone coming up to inform user it is time to add another contact. If you want to add one Skype contact, dial the speed dial number of the Skype contact (followed by "#" key for an immediate call). Then three parties will be in a Conference. However, user needs to press "#" key to switch to PSTN mode if user wants to add a PSTN contact. The same procedures can be repeated until the maximum of 4 Skype contacts and one PSTN contact join the Conference.

Default operation mode is VoIP mode: Press the Conference function key "\*2" when user is on a Skype call. The current call will be put on hold. Soon there will be a Skype dial tone to inform user it is time to add another contact. If user wants to add another Skype contact, dial the speed dial number of the Skype contact (followed by "#" key for an immediate call). Then three parties will be in a Conference. However, user need to press "#" key to switch to PSTN mode if user wants to add a PSTN contact and then call the contact's phone number. The same procedure can be repeated until the maximum of 4 Skype contacts and one PSTN contact join the Conference.

User can also use the Skype window interface to make a Skype Conference call. Then pick up the phone receiver and wait for the contacts to proceed with the call.

During a Conference call, when any contact hangs up the call or is disconnected incidentally, there will be a busy tone coming up for 3 seconds. If the hang up call is a PSTN call, user can press "\*"key to only cancel the PSTN call and then make a new PSTN call, otherwise user can't invite another PSTN contact for Conference. However, user can directly add another Skype contact if the hang up contact is a Skype call.

When user makes a Conference call to a contact with Skype Voicemail enable, the call will be put separately when Voicemail function starts. The call won't join Conference automatically. User can decide to hang up the call by pressing "\* 2"key. Then a dial tone comes up and user can decide to make a new call or go back to the Conference by pressing Conference function key "\*2".

When user makes a Conference call to a contact with an answering machine phone, please be reminded the Conference conversation might be recorded by the answering machine. For confidences, user can choose to hang up the phone and re-establish the Conference call for this case.

When user presses Conference function key "\*2", user needs to press key "2" after key "\*" within 3 seconds. Otherwise the current call will be hung up and won't be reserved.

## 4.11.2 Hang up a Conference Call

User can press "\*"key to hang up the established PSTN contact and user can add another PSTN contact. However Skype contact in the Conference won't be hung up by pressing "\*"key.

User can hang up the phone to close the Conference call.

#### 5. FAQs

Any encounters of problems regarding using this product, please refer to the following troubleshooting information, which contains a list of many frequently asked questions (FAQ).

Q1: How do I know that SKYA-ATP software is successfully installed?

A: The easy way is to check below items.

a. Check whether USBAdapter system tray icon at the right-bottom corner of

Windows desktop presented as or system tray icon shows USBAdapter when mouse cursor is put on USBAdapter system tray icon or not.

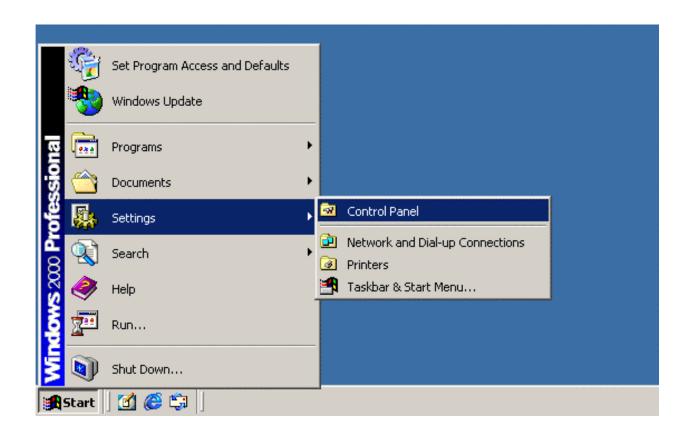
b. Hear the PSTN dial tone when you pick up the phone receiver and SKYA-ATP LED is solid green if the default operation mode of Option dialogue in SKYA-ATP system tray icon is PSTN. SKYA-ATP LED will turn solid blue if you press "#" key and will hear a different Skype dial tone.

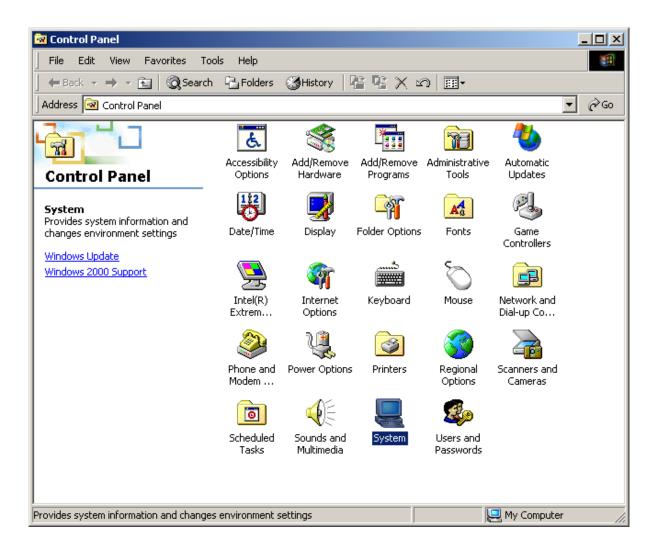
Q2: Why some of my computer USB ports don't work with SKYA-ATP?

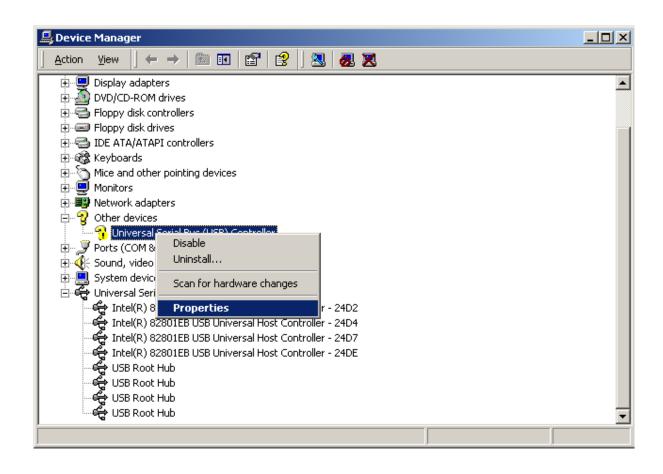
**A:** Some Windows 2000 or Windows XP systems might have driver problem with their USB 2.0 ports since both operation systems have been released before USB 2.0 is available. However, Microsoft's Windows 2000/XP latter service pack has added support for USB2.0. User can access Microsoft web site and search by USB/FAQ or link

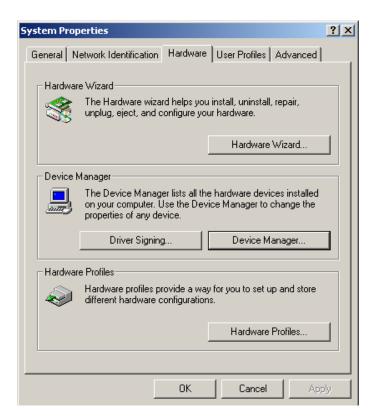
http://www.microsoft.com/whdc/system/bus/USB/USBFAQ\_intro.mspx to find more information.

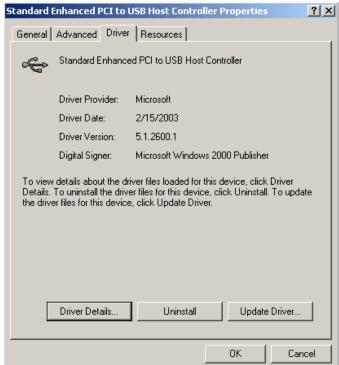
User can check Windows device manager as following procedures to see whether your problem is related with USB driver or not. After USB driver is updated, your USB ports should work with SKYA-ATP and other USB devices.











Q3: In some computers, user might get Windows pop-out message to ask for Windows to restart after user 1st time plugged in USBAdapter into one USB port. Should user restart Windows to make the new setting valid?

**A:** It is not necessary to restart Windows as the pop-out message. Just ignore it and continue to install USBAdapter AP program, then enjoy USBAdapter without restarting Windows. In some Windows 2000 systems, user might encounter problems after USBAdapter program installation completes and Windows 2000 pops up message as below. User can click OK button, then unplug USBAdapter and plug again or restart Windows 2000. Re-install USBAdapter AP program and launch through start menu or USBAdapter desk icon to make USBAdapter active.



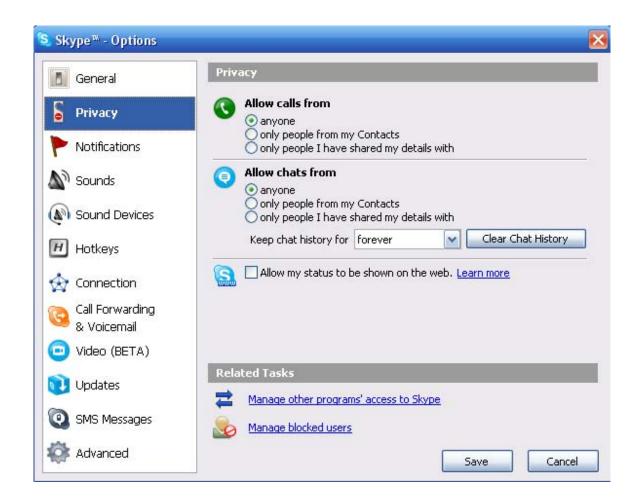
Q4: Why I still can't use SKYA-ATP after the hardware and software are successfully installed?

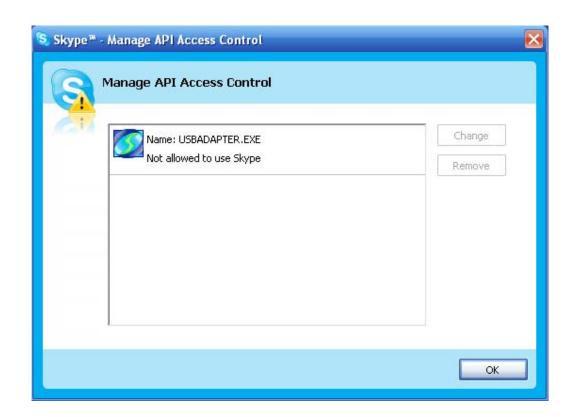
A: Whenever the USBAdapter AP software is launched, Skype will invoke one warning window "Another program wants to use Skype". If you choose "Do not allow this program to use Skype", but still want to use SKYA-ATP, please go to the Skype window main menu Tools and choose Options. In the next window, choose Privacy tab in the left. Double click "Manage other program's access to Skype" in "Related Tasks" on the lower side of the window. There will be a "Manage API Access Control" window coming up. Scroll down the bar to find device Name: USBAdapter setup "Not allowed to use Skype". Choose this device and click Change button to get the warning window "Another program wants to use Skype" and make proper choice like "Allow this program to use Skype, but ask again in the future". Or choose this device and Remove button on the right side. Click OK.

Re-launch SKYA-ATP through start menu or USBAdapter desk icon. Then Skype will invoke the warning window "Another program wants to use Skype" again. Make a proper choice. After this modification, USBAdapter will work.

If user doesn't want Skype to pop out this warning message whenever user reboots PC, user can choose "Allow this program to use Skype".









Q5: Why does SKYA-ATP fail to initialize?

**A:** The phone receiver is not on-hook properly.

Q6: Why doesn't SKYA-ATP work properly in some USB ports of Windows 2000 system?

**A:** We strongly recommend user to install USBAdapter AP program when user 1<sup>st</sup> time plugs USBAdapter into one certain USB port of any Windows 2000 system. Or user needs to remember to plug USBAdapter into the same USB port which user 1<sup>st</sup> time plugged in and install USBAdapter AP program if user didn't install USBAdapter AP program at 1<sup>st</sup> time.

In some case, user might have 1<sup>st</sup>-time plug USBAdapter into one Windows 2000 system USB port without installing USBAdapter AP program. Next time, user might plug USBAdapter into another USB port and install USBAdapter AP program and it worked perfect. Later on if user plugged USBAdapter into the USB port which user 1<sup>st</sup> time plugged in, then user might have problem to use USBAdapter unless user re-install USBAdapter AP program. The quick solution is to install USBAdapter program again as the pop-up message suggests. Also you can refer to FAQ 2 if you still encounter problem.

This problem might happen in Windows 2000 system only.



Q7: Why doesn't the phone ring when there is an incoming call?

A: a. Please make sure your phone ring is on.

- b. Please check whether USBAdapter is successfully installed or not as description FAQ1.
- c. Try to change the Ring signal frequency selection in Phone setting page.
- d. Try with other analog phone because some phone might have special driving requirements although we have tried to make our device compatible.

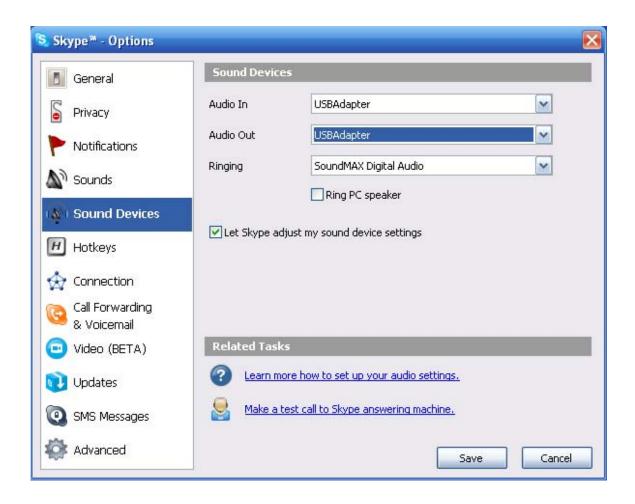
Q8: Why can't I hear dial-tone when I pick up the handset?

**A:** a. If the default operation mode of Option dialogue in USBAdapter system tray icon at the right-bottom corner of Windows desktop is VoIP, user can press "#" key to switch to PSTN mode and check whether there is familiar PSTN dial tone or not.

- b. Please make sure whether USBAdapter is successfully installed or not as description in FAQ 1.
- c. Make sure USBAdapter has been chosen as the Skype sound device for Audio In/Out, please refer to FAQ 9.
- d. Please check whether your computer has entered into power saving mode or not. If user's USBAdapter supports VoIP mode only (no PSTN line), then user won't hear any dial tone. If user's USBAdapter supports both VoIP and PSTN modes, user will only hear PSTN dial tone and there is no Skype dial tone even user presses "#" key to switch to VoIP mode. User needs to make PC wake up from power saving mode and USBAdapter will re-initialize before normal operation. Please remember to make sure phone is on-hook when USBAdapter is initializing.

Q9: Why can't I hear any voice after I pick up phone receiver and Skype shows connected when I make or answer a call?

**A:** Make sure USBAdapter has been chosen as the Skype sound device for Audio In/Out. Go to the Skype window main menu Tools and choose Options. In the next window, click "Sound Devices" tab in the left and choose USBAdapter from Audio In and Audio Out scroll bar.



Q10: After I connected SKYA-ATP with my computer, I couldn't hear music or voice from my computer. What can be done so that I can listen to music from the original sound device?

A: Right-click the "volume" system tray icon at the right-bottom corner of Windows desktop, choose "Adjust Audio Properties". It will come out the "Sounds and Audio Devices Properties" window. Choose the default Windows audio device like sound card. Then you should be able to listen to music from your original sound device like speaker.



Q11: Do I need to restart my computer whenever I re-plug the SKYA-ATP?

**A:** There is no need to restart the computer, but we suggest that you re-open your Skype software, then launch USBAdapter. We recommend that you plug in the USBAdapter first then launch USBAdapter AP program and close the USBAdapter AP program first before you un-plug the USBAdapter.

Q12: How can I uninstall USBAdapter AP program?

**A:** Please follow below two steps.

- a. Close USBAdapter program by clicking USBAdapter system tray icon at the right-bottom corner of Windows desktop and choosing Exit.
- b. Use Windows Start menu, choose "All Programs" and find USBAdapter. There is "Uninstall" option. Choose it and then click Yes button.

Q13: How can I dial "+" sign when making a SkypeOut call?

A: You can use "00" to stand for "+".

Q14: Why can't I start my computer after I plug in USBAdapter?

**A:** Please check your computer's system BIOS Boot up device option setting. Your computer might have boot up device setting as USB device. You can refer to your computer BIOS setting procedure to change USB boot up setting.

Q15: How can I know the USBAdapter AP program version?

**A:** Right-click USBAdapter system tray icon at the right-bottom corner of Windows desktop and choose "About".

Q16: Why does USBAdapter system tray icon at the right-bottom corner of Windows desktop show Hardware Error?

**A:** a. USBAdapter might not plug in the computer USB port properly. Please unplug USBAdapter and make sure to plug USBAdapter into the computer USB port properly.

b. The phone receiver is picked up before USBAdapter finishes initialization. Please make sure phone is on-hook before USBAdapter initialization completes.

Q17: Why does USBAdapter system tray icon at the right-bottom corner of Windows desktop show Skype unavailable ?

**A:** Please make sure Skype is launched and on-line. User can refer to the following possible cases.

- a. USBAdapter program is launched, but Skype is not active owing to no internet access.
  - b. Skype program is closed after USBAdapter program is launched.
- c. User changes Skype status to Offline. Skype status needs to be changed to Online for normal operation.

Q18: Why can't I use existing Skype audio devices after USBAdapter is installed?

**A:** After USBAdapter is installed, Skype sound device will be set as USBAdapter as figure in FAQ 9. If user wants to use other Skype device, user can change Skype sound device as the one user wants to use. Similarly, user needs to change Skype sound device as USBAdapter if other Skype USB audio device is adopted first and then user wants to use USBAdapter.

Q19: What should I do if my PSTN line or Skype line doesn't work although USBAdapter Phone/Line ports are connected?

**A:** USBAdapter has Auto-Swap/Auto-Detection function. In some case, user might remove cable connection and connect again or have phone and line ports connection after USBAdapter initialization completes. User can click Refresh button in the Option dialogue of USBAdapter system tray icon at the right-bottom corner of Windows desktop, then USBAdapter AP program will immediately correct Phone and Line port connections even although user makes a wrong connection. For Auto-Detection support, there will be one pop-up message to guide user to connect Phone/Line port correctly. User can refer to USBAdapter user manual section 3.1 for detailed information.

Q20: How can I do if I just want to connect Phone port for Skype application and don't want to get interactive messages such as "Hear any phone-ring?"?

**A:** User can disable Auto-Swap function by check Disable Auto-Swap tab in Phone/Line connection of USBAdapter Option dialogue from USBAdapter system the icon at right-bottom corner of Windows. However, user needs to be careful on Phone/Line ports connection since there is no Auto-Swap function now and Refresh button becomes invalid. Besides, user needs to select VoIP mode as the Default operation mode if user only connects Phone port with a phone.

Q21: Why USBAdapter can't work properly although USBAdapter is correctly installed in my PC USB port?

**A:** We found some PC USB port is extended from motherboard through extension connector and sometimes the connector is at bad quality, it will cause USBAdapter malfunction. For this case, we recommend you to plug USBAdapter into another USB port or connected this USB port and USBAdapter via one USB hub.

Q22: Why I can't setup a Multi-Call or Conference call when I am on a PSTN call?

A: In order to prevent possible troubles when user presses "\*" during a PSTN service call such as 800, we need user to start a Multi-Call or Conference call from a Skype call. User can't make a PSTN call first and then to add another Skype contacts for a Multi-Call or Conference call.

Q23: Can I use Skype version later than version 2.5 with SKYA-ATP?

**A:** Since Skype might change API for the new release, we can't guarantee our current USBAdapter AP can work with the new update seamlessly. You should be able to adopt it for basic Skype talk, but you always can download the latest USBAdapter AP program from our web site or get help from our supporting people.

## 6. Regulation

#### Regulatory Compliance Notices

#### **Class B Equipment**

This equipment has been tested to comply with the limits for a Class B 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 note that any changes or modifications made to this device that are not expressly approved may void the users' authority to operate the equipment.

Declaration of conformity for products marked with the FCC logo in the 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.

# Technical support

If you have any questions or problems installing SKYA-ATP, please contact Technical Support.

#### Taiwan

E-mail: <a href="mailto:support@ambicom.com.tw">support@ambicom.com.tw</a>

Tel: (886) 2-26271758

Fax: (886) 2-26271757