

Uni Skype

You need Skype !



VPET-20

User's Manual

ViPower

Your DataBridge

www.vipower.com


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User Manual for VPET-20

1. Indication Light

WORK: it is  steadily when standby; it is flashing when in use

RCV: it is  when receiving incoming calls; it is off when standby

DIAL: it is  when dialing out or receiving incoming calls; it is off when standby.


2. Software for Skype

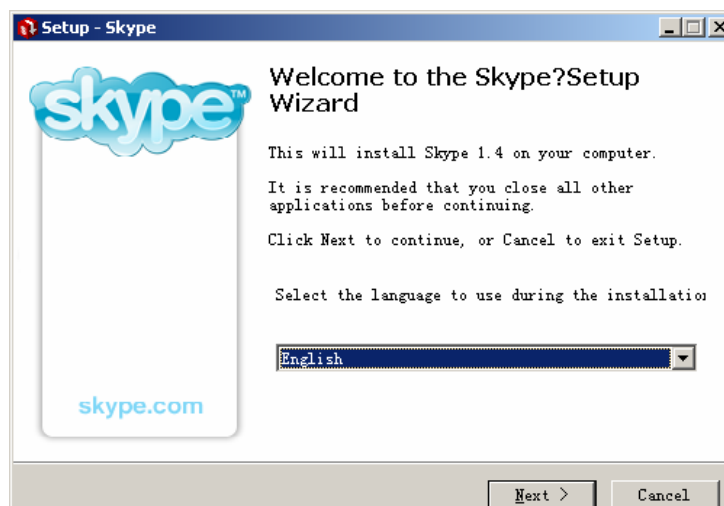
2.1 Download Skype


Visit www.skype.com/download to download the latest Skype for your Operating System.

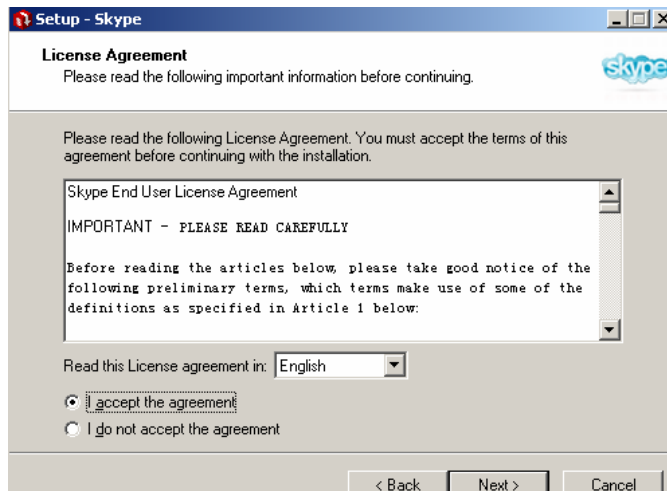
Note: If the version of Skype in your PC is under 1.4, please update it promptly.

2.2 Installing Skype

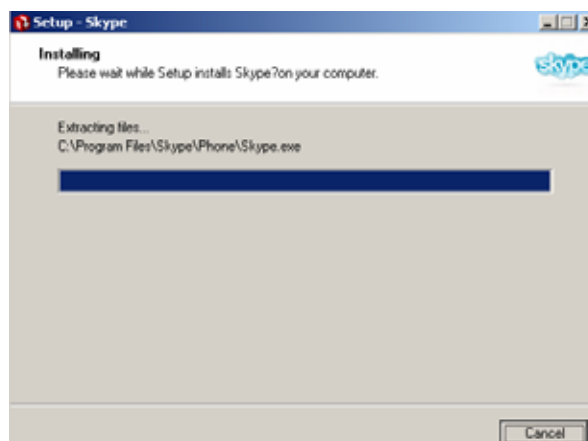
Find the downloaded software and double click  , then install Skype in your PC



Select the language to use during the installation and click  to enter the "License Agreement" page.



You can continue to install Skype in your PC only after accepting the agreement. If you do not accept the agreement, you will exit the wizard.



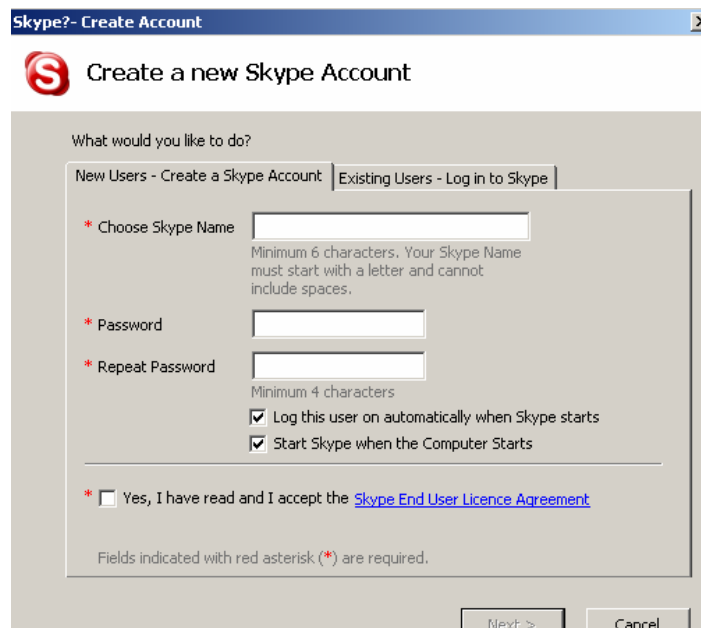
Now, Skype has been installed successfully in your PC. Click



to launch Skype.

2.3 Log in to Skype:

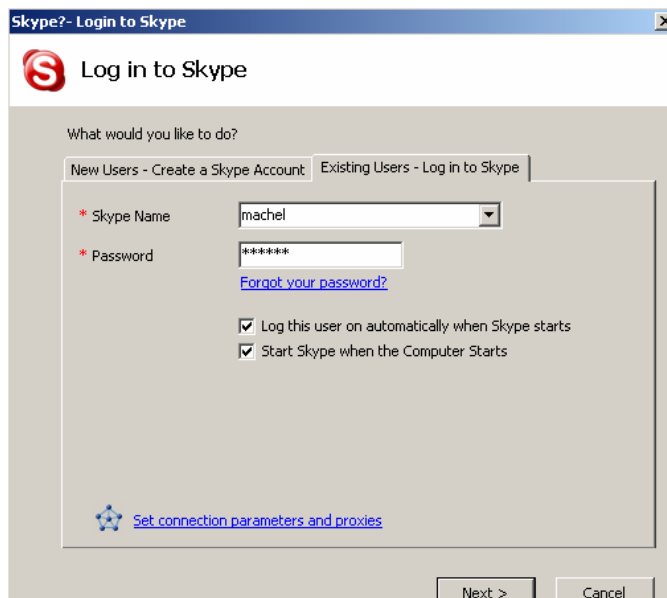
If this is your first time to log in to Skype, a box will popup:



The image shows the 'Skype? - Create Account' dialog box. It has a title bar with the Skype logo and a close button. Below the title bar is the Skype logo and the text 'Create a new Skype Account'. The main area is titled 'What would you like to do?' and has two tabs: 'New Users - Create a Skype Account' (selected) and 'Existing Users - Log in to Skype'. The 'New Users' tab contains the following fields and options:

- * Choose Skype Name: A text input field. Below it, a note says: 'Minimum 6 characters. Your Skype Name must start with a letter and cannot include spaces.'
- * Password: A text input field.
- * Repeat Password: A text input field. Below it, a note says: 'Minimum 4 characters'.
- Two checked checkboxes: 'Log this user on automatically when Skype starts' and 'Start Skype when the Computer Starts'.
- * ☐ Yes, I have read and I accept the [Skype End User Licence Agreement](#).
- A note at the bottom: 'Fields indicated with red asterisk (*) are required.'
- Buttons at the bottom: 'Next >' and 'Cancel'.

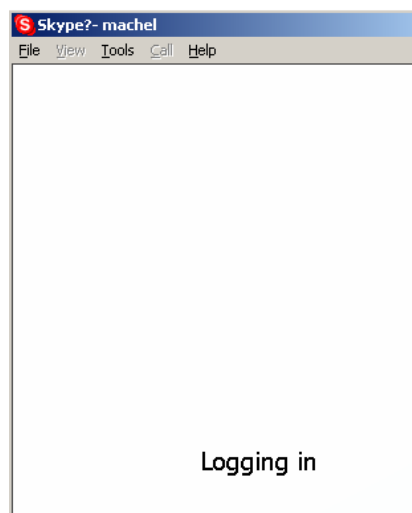
2.3.1. If you already have a Skype account, click “**Existing User - Log in to Skype**”, and enter the “**Skype Name**” and “**Password**”:



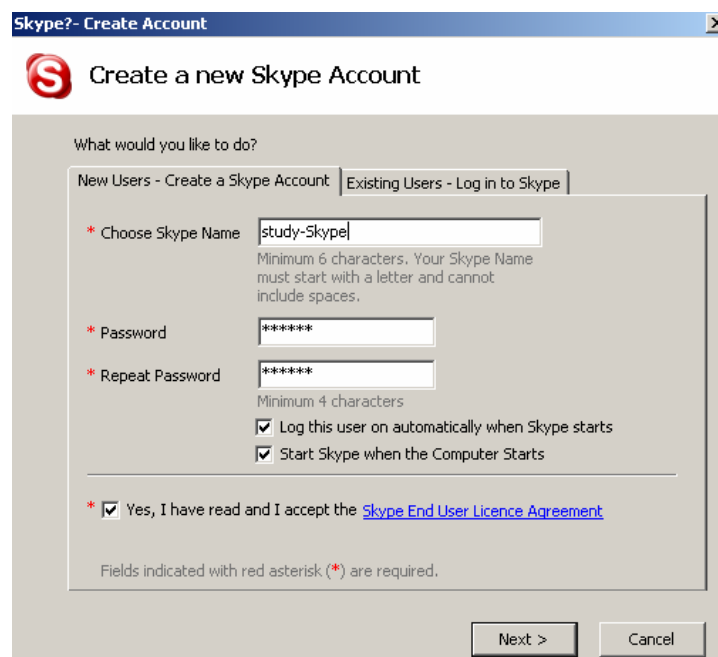
The image shows the 'Skype? - Login to Skype' dialog box. It has a title bar with the Skype logo and a close button. Below the title bar is the Skype logo and the text 'Log in to Skype'. The main area is titled 'What would you like to do?' and has two tabs: 'New Users - Create a Skype Account' and 'Existing Users - Log in to Skype' (selected). The 'Existing Users' tab contains the following fields and options:

- * Skype Name: A dropdown menu with 'machel' selected.
- * Password: A text input field with '*****' entered. Below it, a link says: '[Forgot your password?](#)'.
- Two checked checkboxes: 'Log this user on automatically when Skype starts' and 'Start Skype when the Computer Starts'.
- A link at the bottom: '[Set connection parameters and proxies](#)'.
- Buttons at the bottom: 'Next >' and 'Cancel'.

Then, click “Next” to log in.



2.3.2. If you do not have a Skype account, please register as the wizard:



Ignore the coming pages. The system will log in to Skype automatically.

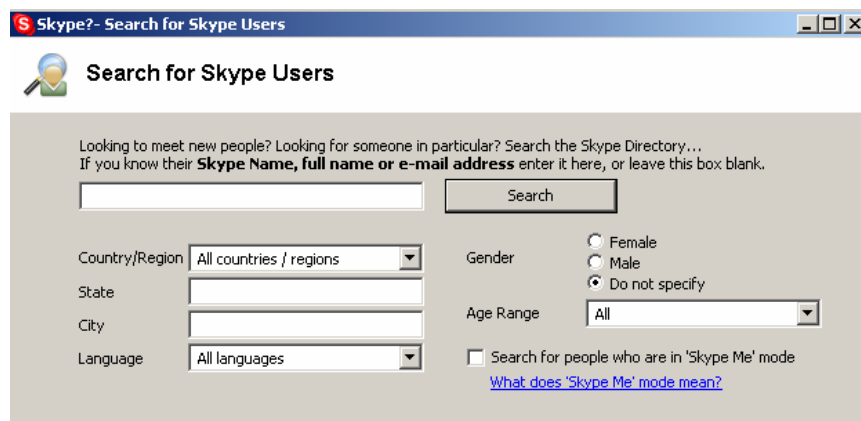
2.4. Add Skype Names to your contacts list


Like other IM software (MSN.QICQ.QQ), you should add your friends' Skype Names on your contact list before you want to start making calls.

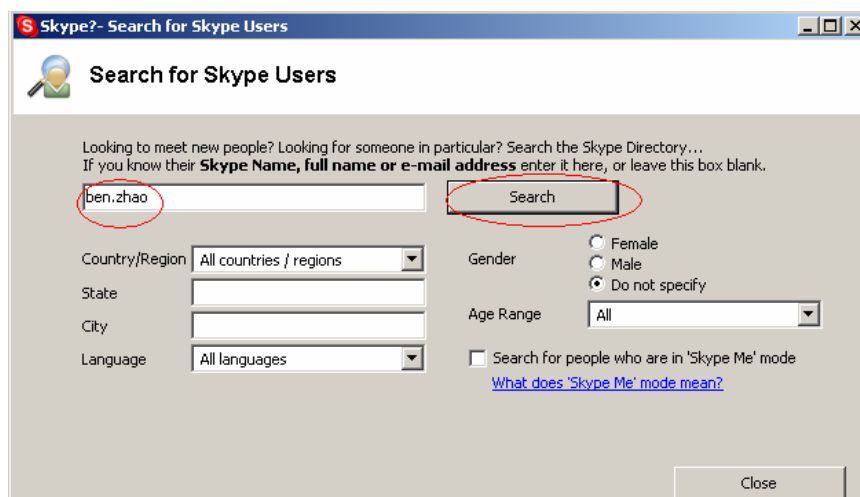
2.4.1 If you know your friend's Skype Name, please do the followings:



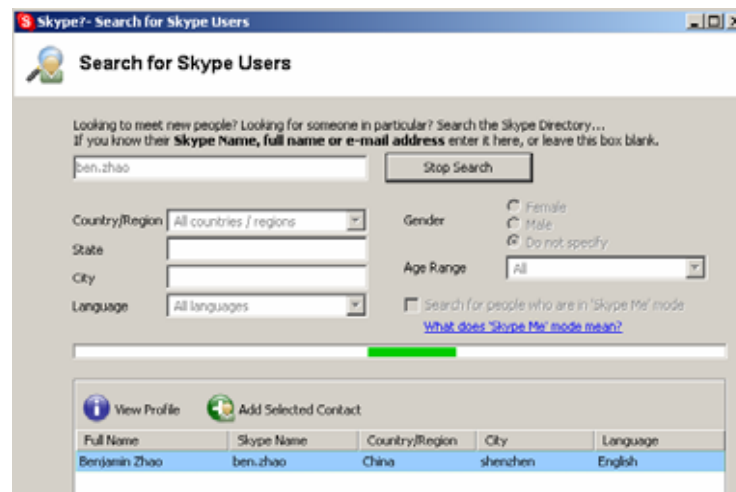
Left click , then a box will popup:



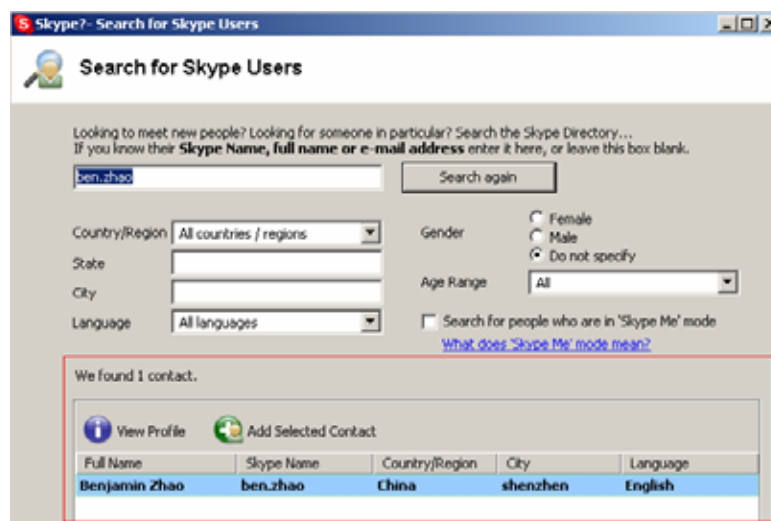
Enter your friend's Skype Name, and click  . For example, add ben. zhao (my friend's Skype Name) to my contacts list.




Searching.....



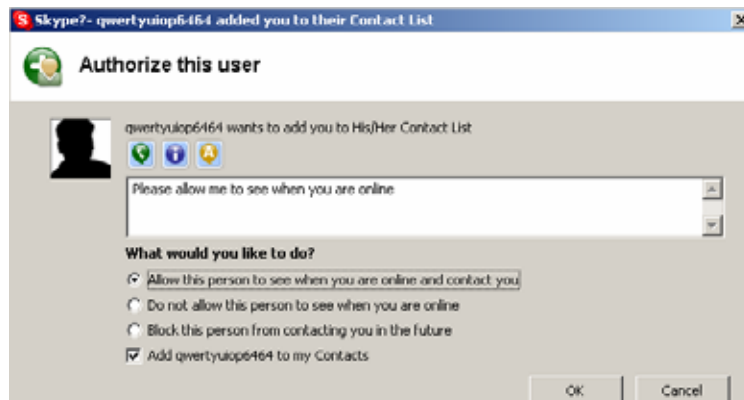
The result is marked with red line:



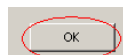
Left click the correct Skype Name and click  to add this Skype Name on your contacts list. Then you will see this Skype Name on your contacts list:



2.4.2 If someone sends a request to you, you can decide to accept or reject his or her request . For example, if Wang (Skype Name) sends a request to you:



You can click



to accept this request and add Wang on your contact list.



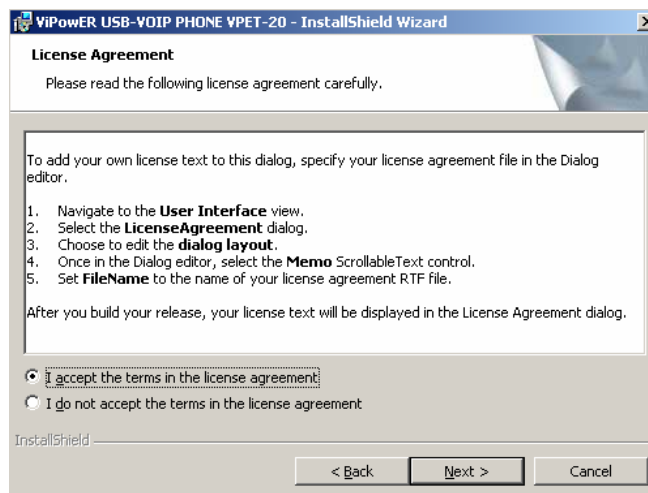
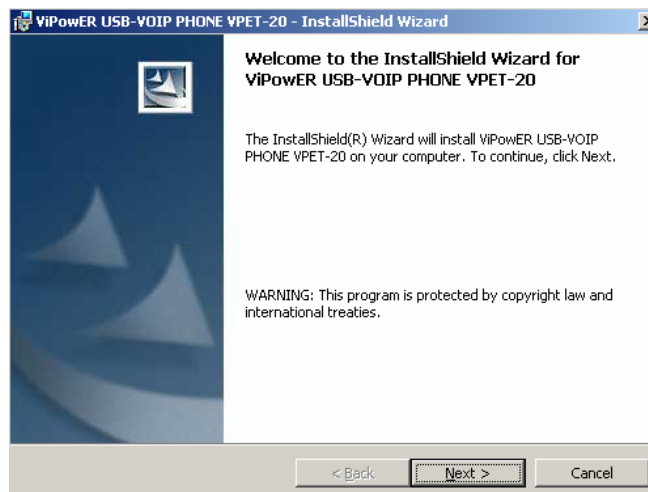
3. Driver for VPET-20

Note: This driver has been edited for Windows 2000/XP/ME. If there is an older version of driver in your PC, please uninstall it first.

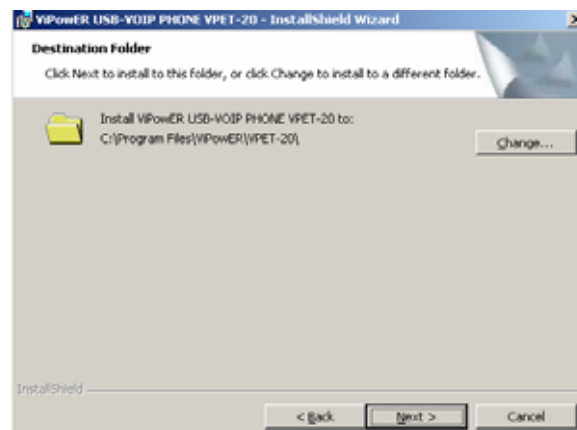
3.1 Installing driver

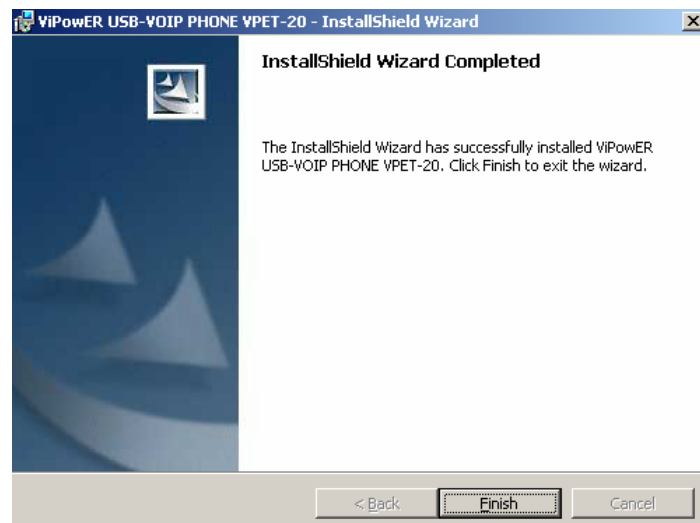
Run the CD placed in the package, inserting it and double click InstallShield Wizard is:






You can continue to install the driver for VPET-20 only after accepting the terms in the license agreement. You will exit the wizard if you do not accept the agreement.

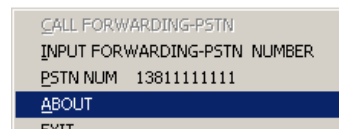




Now, the driver for VPET-20 has installed successfully in your PC. Then there is a figure like  on the desktop.

3.2 Check the version about this driver

3.2.1. Right click  in the taskbar



3.2.2. Left click "ABOUT"



3.3 Uninstall the driver

Start → Program → VPET-20 → Uninstall VPET-20

4. Connection Scheme

4.1 One RJ11 socket marked **Phone** is for the regular phone line, the other one marked **PSTN** is for the PSTN line. Please go through the information on the label at the bottom of VPET-20.

4.2 Connect VPET-20 with PC through the USB cable placed in the package.

Note: If you use your USB Hub to increase your USB port, you will need an external power adapter when you want to use VPET-20

5. Preparation for Making Calls

5.1. Running the program for VPET-20:

Start → Program → VPET-20 → VPET-20

And then, Skype will login automatically. Please pay attention to those icons in the taskbar:



means that Internet connection is failing and VPET-20 is not connecting well with PC. You can only make or receive PSTN calls through the PSTN line connected with VPET-20 in this condition.

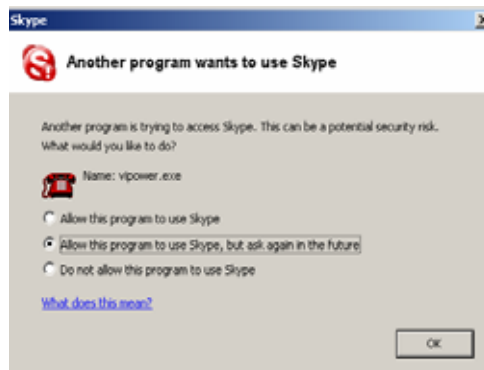


means that Internet connection is OK, but VPET-20 is not connecting well with PC. You can only make or receive PSTN calls through the PSTN line connected with VPET-20 in this condition.

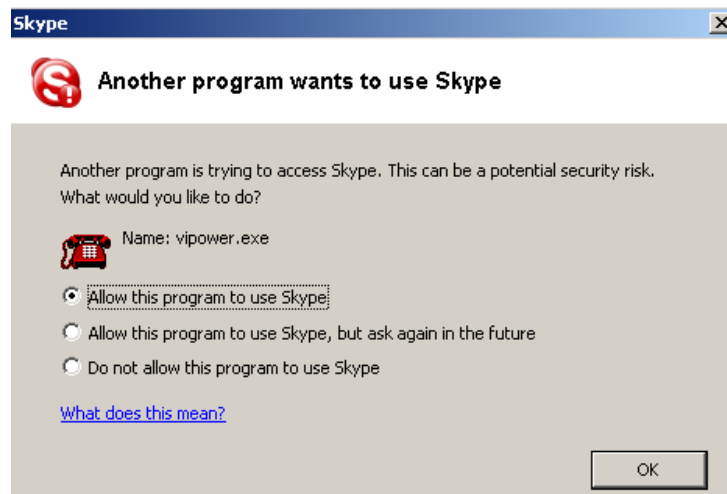


means that internet connection is OK, and VPET-20 is connected with PC. You are ready to make and receive both Skype and PSTN calls.

Note: when you run the program for VPET-20 for the first time, the system will popup a box



Please select **“Allow this program to use Skype”**



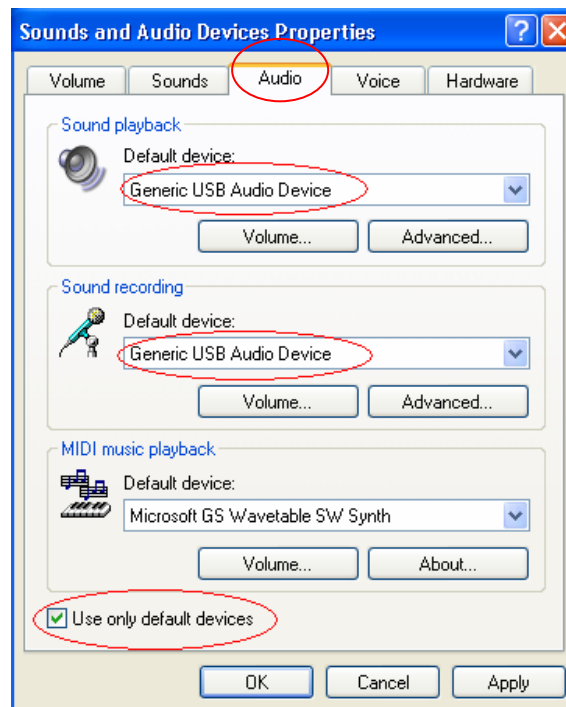
5.2. Make sure there is a figure like   Online at the bottom of Skype.



You can establish bidirectional communication with other Skype users only if that figure appears.

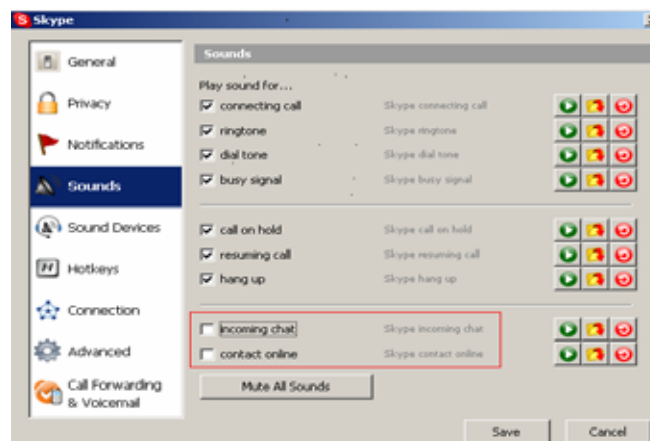
5.3. Make sure that Generic USB Audio Device is selected for the default Audio Device.

Start → Settings → Control Panel → Sounds and Audio Devices



It is recommended to select “Use only default devices”. This setup will always enable you to play MP3 music while you are on Skype.

5.4. For a better sound quality please make “incoming chat” and “contact online” inactive in Skype:



6. How to Make a Call

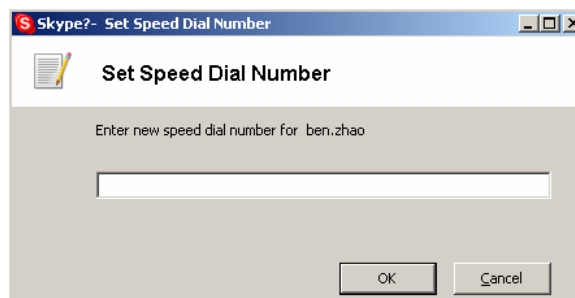
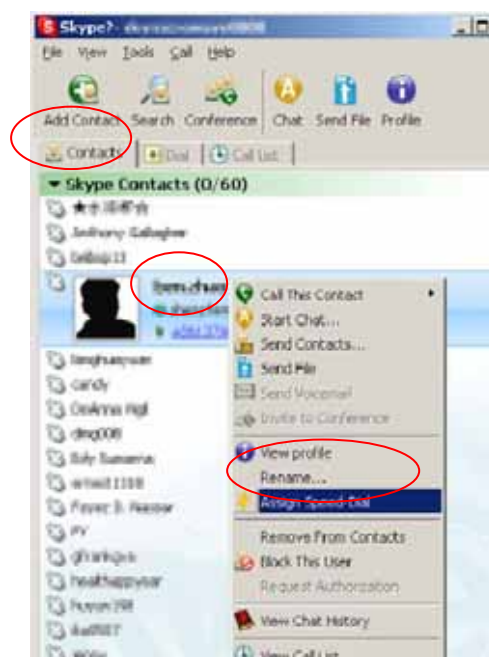
6.1. To make a Skype call

For example, if you want to make a call to John Smith (my friend's Skype name).

You should assign a speed-dial number for John Smith first. Since the regular phone only supports digital dialing plan, therefore they can only accept numbers from 0 to 9.

6.1.1 Assign a speed dial number for John Smith

Right click John Smith on your contacts list, and then select **"Assign Speed-Dial"**



6.1.2 Choose **Speed Dial Number**, the range is from 00 to 99. For example, assign 99 to John Smith:



Click **OK** button to save the setting.

Note: the special service numbers in each country (such as 911 in the United States) are prohibited to be set as the **Speed Dial Number**.

6.1.3 Pick up the handset of the regular phone, press * to switch to Skype channel, then the **Speed Dial Number** and #, and the call will begin to connect.

Example: Dial * to Skype channel and you will hear a dial tone, and then dial 99#. Now, calling John Smith.....



Note: If VPET-20 is linked only with a normal phone (without a PSTN line), please just press the **Speed Dial Number** and #.

Example: Pick up the handset of the regular phone, and dial 99# for calling John Smith.

6.2. To make a PSTN or mobile phone number

6.2.1 To make a PSTN or mobile phone number through PSTN line

Through the PSTN line connected with VPET-20, you can use any regular phone to make a PSTN or mobile phone number. For example, if you want to dial +86-755-11111111

6.2.1.1 Pick up the handset of the regular phone

6.2.1.2 If +86-755-11111111 is your local number, please just dial 11111111

If +86-755-11111111 is a domestic long-distance call, please dial 075511111111 (Note: 0755 is the area code)

If +86-755-11111111 is an international long-distance call, please dial 008675511111111 (Note: 0086 is the country code, 755 is the area code)

Note: If VPET-20 is connected with PBX as an extension, you should dial 0 or 9 to catch the idle trunk line before you dial the phone number. To dial 0 or 9 is depending on the settings of your PBX.

6.2.2 To make a PSTN or mobile phone number with SkypeOut

About SkypeOut, please visit <http://www.skype.com/products/skypeout>.

If you want to dial +886-2-89131911 through SkypeOut, for instance, there are two scenarios in this case: either a) the VPET-20 is connected with PSTN line, or b) the VPET-20 is only connected with a regular phone, i.e., without a PSTN line.

6.2.2.1 VPET-20 is connected with PSTN line

Pick up the handset of the regular phone and press *, VPET-20 will then enter the Skype channel and you will hear a dial tone. Then dial the number in accordance with this order: **Country code + Area code + Number#**, like 00886289131911# (Note: 00886 is the country code, 2 is the area code, and 89131922 is the number)

6.2.2.2 VPET-20 is connected only with a regular phone (without a PSTN line)

Pick up the handset of the regular phone and press the number in accordance with this order: **Country code + Area code + Number #**, like 00886289131911# (Note: 00886 is the country code, 2 is the area code, and 89131922 is the number)

7. How to Receive Calls

When someone calls your Skype or PSTN number, the regular phone will ring. Pick up the handset or press the Handfree to receive it. When the call is ended, please put down the handset or press the Handfree again.

If the regular phone supports FSK Caller ID function, then when receiving incoming Skype calls, the caller's speed-dial number will be displayed on the LCD.

Example: The speed-dial number for John Smith (my friend's Skype name) is 99. So when John Smith calls my Skype, the regular phone will ring and the number 99 (speed-dial number) will be displayed on the phone screen.


7.1 Call Waiting: When the PSTN line that connected with VPET-20 is being using, if someone wants to call your Skype, he or she will hear a busy tone.

7.1.1 When your Skype is being using under PC to PC operation, if someone wants to dial your PSTN number, he or she will hear a ringing tone; meanwhile you will hear a hint tone.

At this time, press # to put Skype call on hold and receive the PSTN call. By pressing *, you will get back to the Skype call, but the PSTN call will be cut off.

8. Forwarding Incoming Skype Calls to Your Mobile Phone or Regular Phone

The forwarding function provided by the VPET-20 will allow you to receive Skype calls even when you leave your PC. When someone calls your Skype, VPET-20 will simply forward the incoming Skype calls to your mobile phone so you will not miss any Skype call.

Before leaving your PC, make sure that the driver for VPET-20 is running and Skype is online, showed as 

8.1 When VPET-20 is connected with a direct PSTN line.

That means, the PSTN line is not an extension and can dial out without any

restriction. The status of PSTN line should be idle.

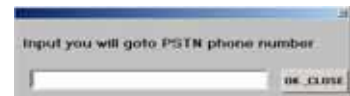
For example, if you want to forward incoming Skype calls to 13811111111 (my mobile phone number), you need to go through the following steps:

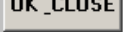
8.1.1 Setup the Parameters

8.1.1.1 Right click  in the taskbar



8.1.1.2 Left click **"INPUT FORWARDING-PSTN NUMBER"**

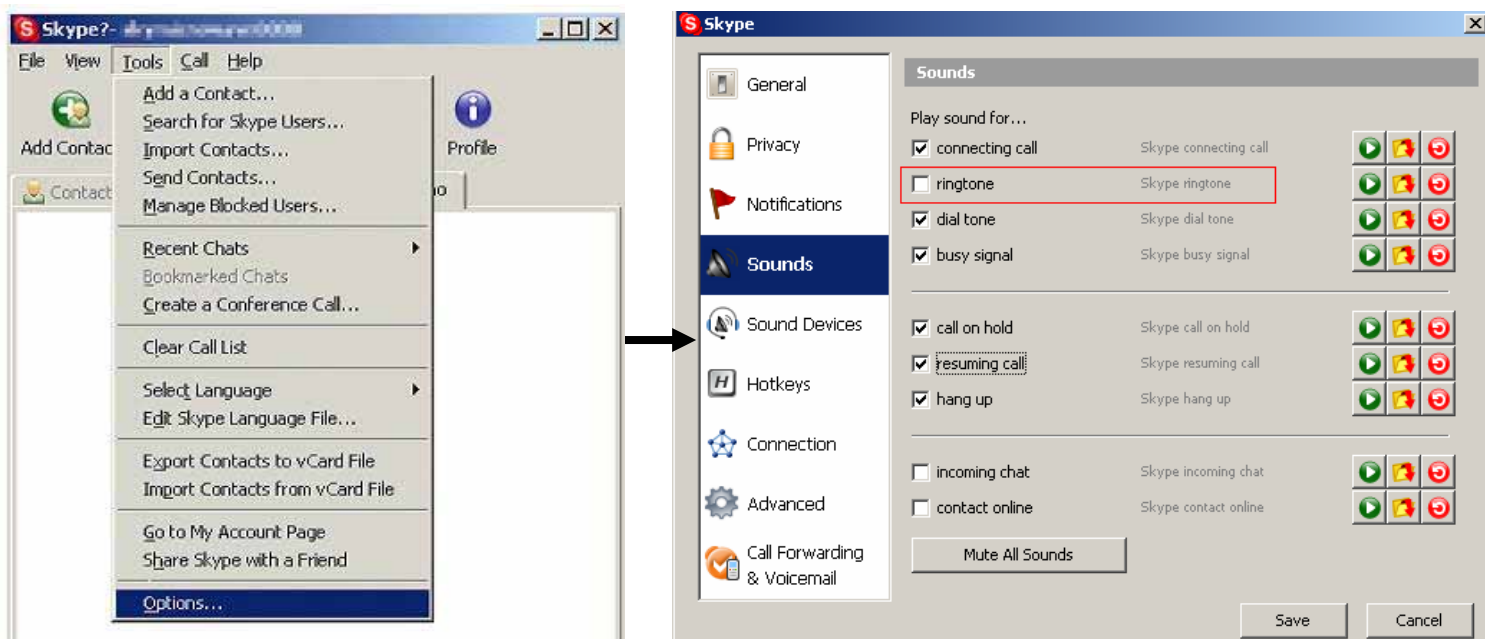


8.1.1.3 Enter your mobile phone number, then click  to save the settings.

8.1.1.4 Left click **"CALL FORWARDING-PSTN"** efficient,



8.1.1.5 Make **"ringtone"** inefficient, do as the followings:



When someone calls your Skype, VPET-20 will forward the incoming Skype call to 13811111111 through the PSTN line that connected with VPET-20.

8.1.2 Cancel Forwarding Function

When you want to cancel forwarding function, you should go through the following steps:

8.1.2.1. Make "CALL FORWARDING - PSTN" inefficient, like

Enable Skype Forwarding to PSTN

8.1.2.2. Make "ringtone" efficient, like

☒ ringtone

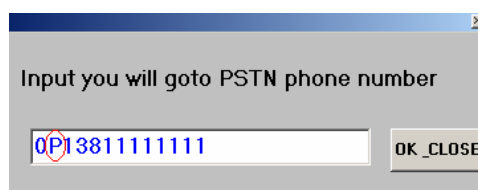
Skype ringtone

8.2 When VPET-20 is connected with PBX as an extension

In your PBX, you need to press 0 to catch the idle trunk line, then dial the mobile phone number, that is to say, there is an interval between 0 and the mobile phone number. In the telecom standard, P stands for interval.

For example, if you want to forward incoming Skype calls to 13811111111 in PBX:

8.2.1. Add P between 0 and 13811111111. P is a capital letter. One P is equal to 2 seconds interval; PP is equal to 4 seconds interval, and so on. The quantity of P depends on the settings of your PBX.



8.2.2. Other settings are the same as 8.1.1

9. Trouble Shooting

9.1 When I receive incoming calls, the regular phone does not ring.

- The regular phone should be an analog phone
- The regular phone should be connected with VPET-20
- USB Audio Device should not be in the status of mute
- You might forget to cancel the forwarding function, please refer to: " **8.1.2 Cancel Forwarding Function**" (Page 20)

9.2 VPET-20 does not work well with my PBX

- a. The voltage of the extension interface in your PBX should be 48V
- b. The extension interface should be analog interface, not digital interface
- c. Simple PBX with less than 2-way co line and 4-way extension can not link with other device, such as VPET-20.

9.3 Caller ID function does not work well with incoming Skype calls

- a. The regular phone should support FSK Caller ID function
- b. Check the battery in the regular phone
- c. If necessary, check the external power adapter of the regular phone

9.4 Forwarding function is not always working.

- a. Check the settings. Please refer to Section 7. "Forward incoming Skype calls to your mobile phone"
- b. The PSTN line that connected with VPET-20 is busy
- c. The extension line that connected with VPET-20 is busy

9.5 The voice is too soft

Start → settings → Control Panel → Sounds and Audio Devices
→ Volume, adjust the volume.

9.6 VPET-20 does not work steadily with USB Hub

- a. The USB interface in your PC must be 1.1 or above
- b. External power adapter is necessary for USB Hub

10. FAQ

10.1. What is PSTN line?

PSTN: Public Switched Telephone Network. In some countries, PSTN line is referring

to as land line.

10.2. What is PBX?

PBX: Private Branch Exchange, a private telephone switching system that allows telephone extensions to connect to each other both inside and outside a telecommunication network.

10.2.1 Can VPET-20 function under PBX?

Yes, VPET-20 is applicable under PBX, but please be advised that do not connect the PBX phone with VPET-20. Otherwise the VPET-20 will not function.

10.3. What is USB Hub?

USB Hub connects to a USB port on your PC and provides several USB ports for connecting other USB devices. It works with all USB devices and is fully compliant with the USB specification.

10.3.1 Do I need external power adapter for the VPET-20 if I am currently using a USB Hub?

If you use your USB Hub to increase your USB port, an external power adapter is suggested for a better performance when you want to use VPET-20

10.4. What is FSK Caller ID?

FSK: It is a technique for modulating data that use two frequencies. Frequency shifting between the two frequencies are generated when the binary digital level changes. While one particular frequency is used to represent the binary one, another frequency is used to indicate the binary zero. FSK is used in low speed modems when, in full-duplex transmission, two different frequencies are used in each direction, resulting in four different frequencies being used.

Another Caller ID format is DTMF (Dual-Tone Multiple Frequency).

10.4.1 The FSK in Japan is different from many other countries, would VPET-20 be affected by that in Japan?

Due to the difference in FSK, only the specially designed VPET-20 for Japan will be able to provide the Caller ID function.

10.5. What is the requirement for USB interface in your PC?

The USB interface in your PC must be 1.1 or above.

10.6. Does VPET-20 support my cordless phone?

The voltage of RJ11 socket (for the regular household cordless phone) is standard (48V), so you can connect your household cordless phone with VPET-20.

Note: FSK must support Caller ID function in order to have Caller ID.

10.7. How come I can only see the numbers, but not the names, in the screen of mine cordless phone?

Please be aware that if your cordless phone does not support displaying English alphabet, then only the assigned speed dial number will be displayed on the screen of your cordless phone when someone calls you through his/her Skype account.

10.8. I bought the VPET-20 from another country, would that be a concern for its level of performance in my home country?

Please be advised that because of the unique situation in each country, your local telecommunication setting might affect the performance of VPET-20, please check with your local retail sellers.

10.9. I have already uninstall the Skype vpet-20 driver, how come the Skype phone icon still remains in the task bar?

If you wish to uninstall the Skype phone, please follow this procedure accordingly:

1. Right Click on the Skype phone icon in the task bar on the right corner of your screen, then choose "EXIT"
2. Right click on the Skype phone icon on the desk top, then choose "Uninstall"

Note: If you do not follow this procedure in the order mentioned above, the Skype phone icon will remain in the task bar even after you have uninstalled the Skype phone

10.10. The color of the VPET-20 icon in the task bar changes, why?

Be advised that the color of the icon changes from red to yellow when Call Forwarding function is being performed.

10.11 I could only use my cordless phone but not the microphone for Skype.

If the receiver is already on the Call Forwarding mode, the Skype would only recognize dialing from PSTN phone. Due to the settings of the system, the Skype will not be able to recognize the dialing from microphone under the Call Forwarding mode; therefore the caller must dial the number through PSTN phone in order to make the call.

11. Cautions

- 11.1.** Do not plug or unplug the USB cable connection frequently, plug or unplug the USB connection after a 30-second or above interval is suggested.
- 11.2.** Do not exit the software for VPET-20; otherwise, you will not be able to make IP phone calls through the regular phone.
- 11.3.** VPET-20 is a piece of precise electrical equipment. Please carry it with care, and do not expose it under the sunshine directly, do not immerse it in liquid, do not set it in moist environment, and do not set it in extreme cold or hot environment.
- 11.4.** The Call Forwarding function can perform when the Skype phone is under PC to PC operation.