

How to use IP-PBX to connect to Skype?

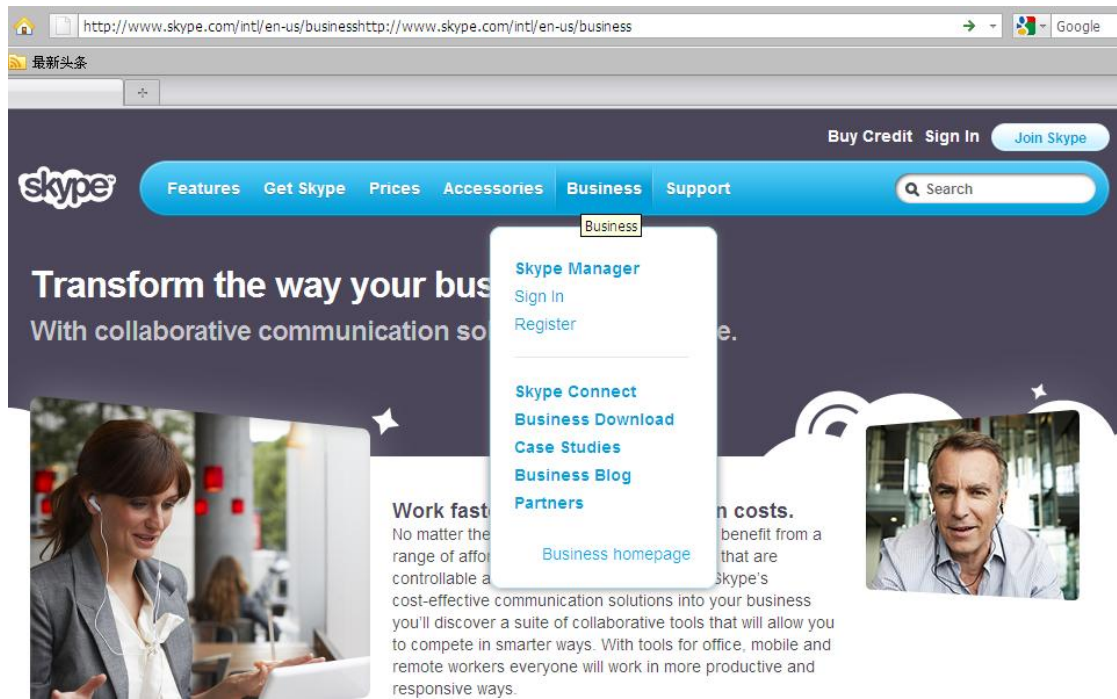
Content

HOW TO USE PBX TO CONNECT TO SKYPE	2
YOU NEED TO SIGN UP A SKYPE MANAGER ACCOUNT.....	2
REGISTER IN THE PBX.....	5
MAKE OUTGOING CALL VIA SKYPE ACCOUNT.....	6
RECEIVE INCOMING CALLS FROM PSTN VIA SKYPE.....	8
RECEIVE INCOMING CALLS FROM OTHER SKYPE USER	9
REFERENCE	9

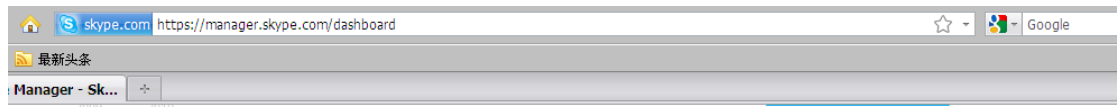
How to use IP-PBX-0x to connect to Skype?

You need to sign up a Skype Manager account.

Go to the link <http://www.skype.com/intl/en-us/business> and register a Skype Manager Account



After set up the Skype manager, you should set up a profile in the Skype Connect section.



Your features

- Allocate [Skype Credit](#) to your members
- Set up [Subscriptions](#) for your members
- Set up [Online Numbers](#) for your members
- Set up [Call forwarding](#) for your members
- Set up [Voicemail](#) for your members
- 1 profile setup for [Skype Connect](#)**

Your members

Your Skype Manager has **2 members**

[Add members](#)

Since you last signed in
No changes since you last logged in.

Still outstanding
0 outstanding invites

News

Note for Internet Explorer 7 users Some of the pages in Skype Manager may be displayed incorrectly when using Internet Explorer 7. Our team is working on resolving this issue. Meanwhile, please use the [latest version](#) of Internet Explorer. Apologies for the inconvenience and thank you for your understanding. -Skype Manager team."

Welcome! Skype Manager is a brand new product that replaces the Business Control Panel. From setting up employee accounts, to allocating Skype Credit, to activating Online Numbers, Skype Manager's completely redesigned interface is much easier to use. Don't forget to check the [Skype Support site](#) for help if you get stuck, and the [Skype Manager forum](#) to share useful information, feedback...

Below shows the Skype Connect profile:

The screenshot shows the Skype Connect dashboard. At the top, there is a navigation bar with icons for home, users, features, and a balance of €5,80. A 'Buy Skype Credit' button and a 'Search Members' search bar are also present. On the left, a sidebar lists various services: Credit allocations (0 members), Subscriptions (0 members), Voicemail (0 members), Online Numbers (0 members), Call forwarding (0 members), and Skype Connect (1 profile). The main content area is titled 'Skype Connect' and includes a sub-header 'Your SIP Profiles' with a 'Create a new profile' button. Below this, a profile for 'IP08-203' is shown with the following details:

Channels	1 channels
Outgoing calls	€3,90 available Auto-recharge disabled
Incoming calls	1 Online Number

Every profile includes three main parts:

Channels: shows how many channels can be used in the same time for incoming and outgoing calls.

Outgoing calls: shows the balance for outgoing calls.

Incoming calls: shows your incoming calls number.

Click on the channels and you see the detail information of your profile:

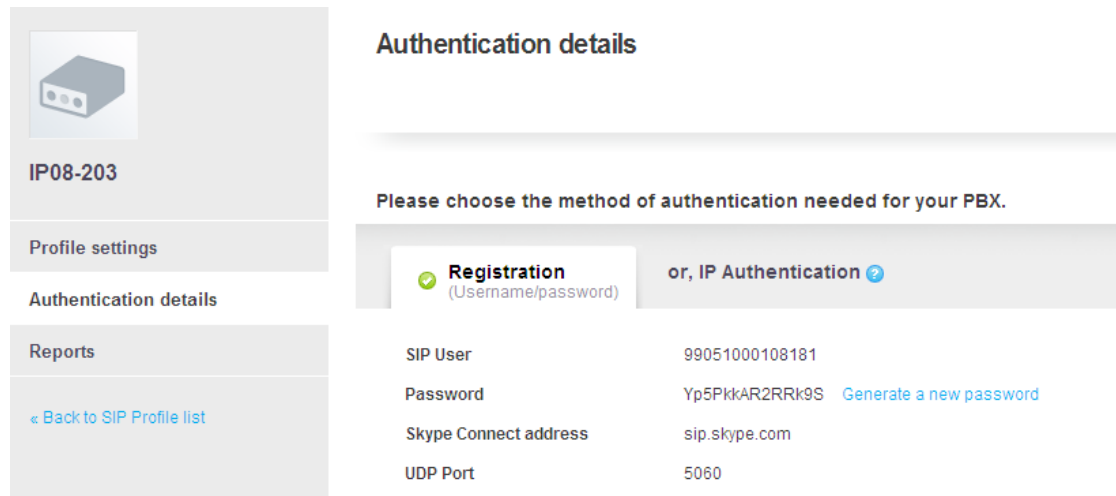
The screenshot shows the 'Profile settings' page for the 'IP08-203' profile. The left sidebar contains a 'Back to SIP Profile list' link. The main content area is titled 'Profile settings' and includes a sub-header 'Profile settings' with a 'Profile settings' button. Below this, the profile details are shown:

Profile name	IP08-203
Calling channels	1 channels
Outgoing calls	€3,90 Auto-recharge disabled
Caller ID	Caller ID is set to +85281999590
Incoming calls	+85281999590

At the bottom, there is a link to 'Add a number or business account'.

In the incoming calls parts, you can buy a DID number so people can call your PBX from PSTN.

In the Authentication details you can get your Sip accounts to connect to Skype, as below.

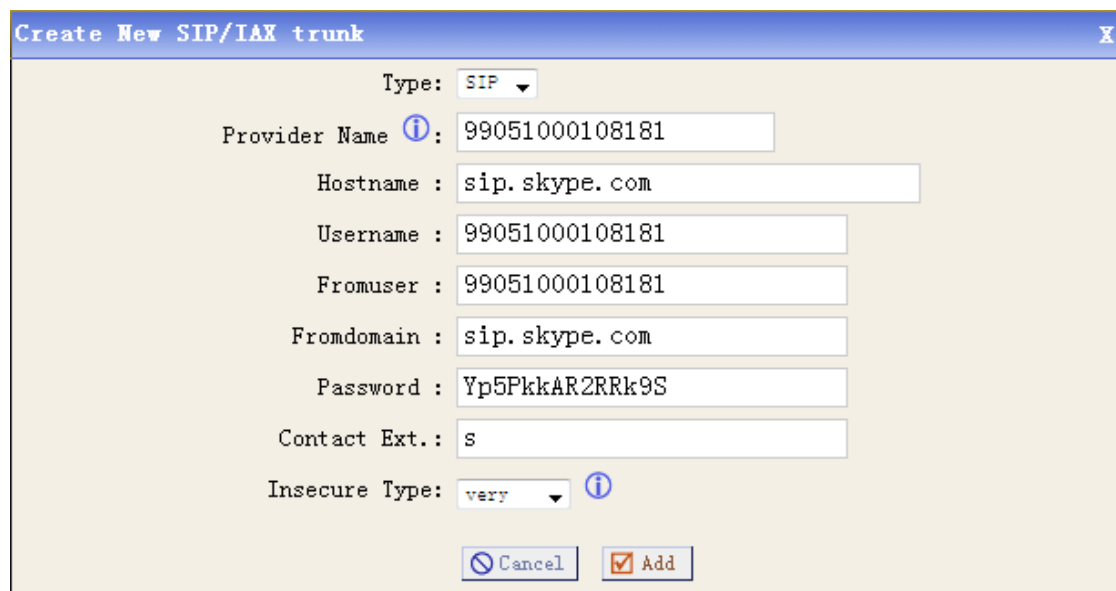


Authentication details	
Please choose the method of authentication needed for your PBX.	
<input checked="" type="checkbox"/> Registration (Username/password)	<input type="checkbox"/> or, IP Authentication ?
SIP User	99051000108181
Password	Yp5PkkAR2RRk9S Generate a new password
Skype Connect address	sip.skype.com
UDP Port	5060

You can also get help from Skype website for how to set up Skype Manager.

Register in the PBX

Add a new sip trunk in IPPBX, after logging into the webpage of IP-PBX-0X, please click on **Trunks** → **VOIP Trunks** → **New SIP/IAX Trunk**, then configure a SIP trunk use your Skype Connect info.



Create New SIP/IAX trunk

Type: SIP

Provider Name ⓘ: 99051000108181

Hostname : sip.skype.com

Username : 99051000108181

Fromuser : 99051000108181

Fromdomain : sip.skype.com

Password : Yp5PkkAR2RRk9S

Contact Ext.: s

Insecure Type: very ⓘ

Make outgoing call via Skype account

Create an outgoing calling rule in IPPBX, after logging into the webpage of IP-PBX-0X, please click on **Outgoing Calling Rules** → **New Calling Rule**, configures an outgoing call rule as below:

New CallingRule

Calling Rule Name *i* : 00

Pattern *i* : _00.

Send to Local Destination *i*

Destination :

Send this call through trunk:

Use Trunk *i* 99051000108181

Strip *i* 0 digits from front

and Prepend these digits *i* before dialing

Use FailOver Trunk *i* :

fail over Trunk *i*

Strip *i* digits from front

and Prepend these digits *i* before dialing

After configuring, please click on Save button, and click on Apply Changes button in up right corner of the main page.

Please click on Dial Plans → Edit DialPlan, and then enable to new outgoing calling rules in your Dial Plan.

Edit DialPlan

DialPlan Name: DialPlan1

Include Outgoing Calling Rules: PSTN_lifnjuan PSTN_huxiaolan PSTN_agent to203_88 00

Include Local Contexts: default parkedcalls conferences ringgroups voicemenus queues voicemail

After configuring, please click on Save button, and click on Apply Changes button in up right corner of the main page.

Please click on **Users** → **Create New User**, then configures a new user as below, please make sure you add the Dial Plan which containing the calling rule for Skype:

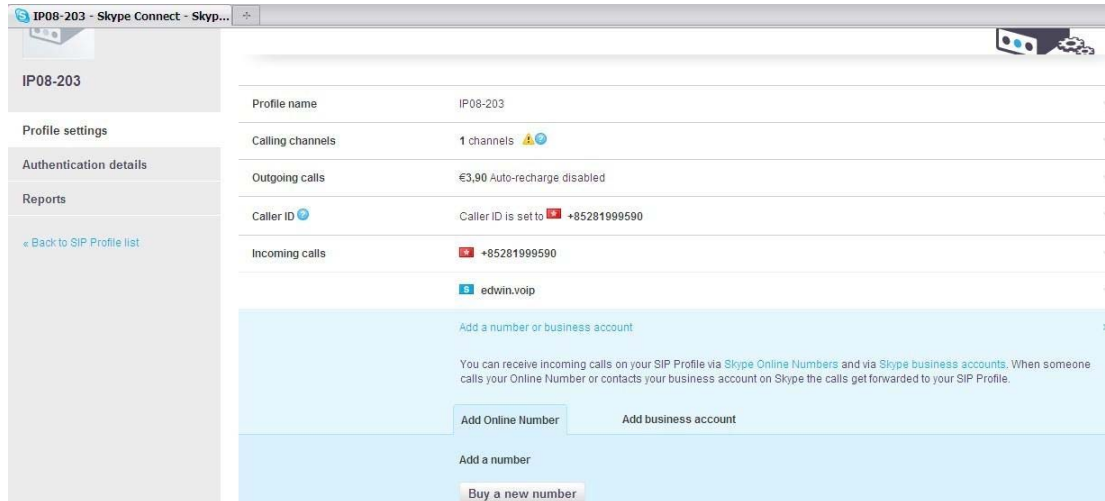
The screenshot shows the 'Create New User' configuration page in a PBX system. The page is titled 'User Extensions on PBX' and 'Create New User'. It shows various configuration fields for a new user with extension 8001. The 'General' section includes fields for Extension (8001), Name (8001), DialPlan (DialPlan), CallerID (8001), and OutBound CallerID (8001). There is a checkbox for 'Enable Voicemail for this User' which is checked. The 'Voicemail' section includes fields for VoiceMail Access PIN code (8001), Mailbox (8002), and Email Address. The 'Technology' section has checkboxes for SIP and IAX, and fields for Analog Station (None), flash (750), and rxflash (1250). The 'Codec Preference' section has dropdown menus for First (u-law), Second (GSM), Third (None), Fourth (None), and Fifth (None). The 'VoIP Settings' section includes a field for SIP/IAX Password, a checked NAT checkbox, a Can Reinvite checkbox, a DTMF Mode dropdown (RFC2833), and an insecure dropdown (very). The 'Other Options' section has checkboxes for 3-Way Calling, In Directory, Call Waiting, CTI, and Is Agent.

After configuring, please click on Save button, and click on Apply Changes button in up right corner of the main page.

Now you can use your extension 8001 to call the PSTN via Skype. Next step is use IP phones to register the 8001 extension and you can make calls. The calling rule is 00+country code+ number.

Receive incoming calls from PSTN number

First you need to subscribe an online number in your Skype manager. The Online number is a phone number which can be called from PSTN.



After you get your online number, configure the number in your IP-PBX-0X as below. Click **Incoming Calling Rules** → **New Incoming Calling Rules**, you can configure the destination to the user 8001.

The screenshot shows the configuration form for a new incoming calling rule. The fields are:

- Trunk : 99051000108181
- Time Interval : None (no TimeIntervals matched)
- Pattern : 85281999590
- Destination : User Extension -- 8001

At the bottom of the form are two buttons: "Cancel" and "Update".

You need to input your online number in the pattern box. In above setting, all incoming call to +85281999590 will be routed to user 8001.

You can set up a Skype business account to accept incoming call from other Skype account as below

The screenshot shows the Skype profile settings for 'IP08-203'. The left sidebar contains navigation options: Profile settings, Authentication details, Reports, and a link to 'Back to SIP Profile list'. The main content area displays the following information:

Profile name	IP08-203
Calling channels	1 channels ⚠️
Outgoing calls	€3,90 Auto-recharge disabled
Caller ID	Caller ID is set to 🇺🇸 +85281999590
Incoming calls	🇺🇸 +85281999590

Below the table, there is a section for adding a business account. It includes a link 'Add a number or business account', a descriptive paragraph, and two buttons: 'Add Online Number' and 'Add business account'. Under 'Add business account', there is a sub-section 'Add an existing business account' with a text input field 'Type an account's name', an 'Extension number (optional)' field, and a 'Create a new account' button.

After you set up your incoming Skype account, configure the incoming trunk in your IP-PBX-0X as below.

Click **Incoming Calling Rules** → **New Incoming Calling Rules**, you can configure the destination to the user 8001.

The screenshot shows the 'Edit Incoming Calling Rule' configuration window. The title bar reads 'Edit Incoming Calling Rule, Trunk: 99051000108181 , Time Interval: none X'. The configuration fields are as follows:

- Trunk : 99051000108181
- Time Interval : None (no TimeIntervals matched)
- Pattern ⓘ : 99051000108181
- Destination : User Extension -- 8001

At the bottom, there are two buttons: 'Cancel' and 'Update' (with a checked checkbox).

After you configure the incoming trunk as above, any Skype user can invite you in Skype and call your Skype account. All calls from other Skype user to this account will be routed to user 8001.