

Using CounterPath X-Lite with Virtual PBX - Mac

Installing X-Lite

- The download file is a disk image; therefore most browsers should mount it automatically. However, if this is not the case, locate the .dmg file. On newer Macs it will be found in the Downloads folder, and double-click on it.
- Read the license agreement and click "Agree" to proceed. Note that you must agree to the terms of the license agreement to install X-Lite for Macintosh.
- Simply drag the application icon into the Applications to install X-Lite. If you do not have permission to install to the Applications folder you may be prompted for your system password, or you may choose to install X-Lite in your home folder instead.

Running X-Lite

- Open the folder where you installed X-Lite, usually in /Applications.
- Double-click the X-Lite application icon.

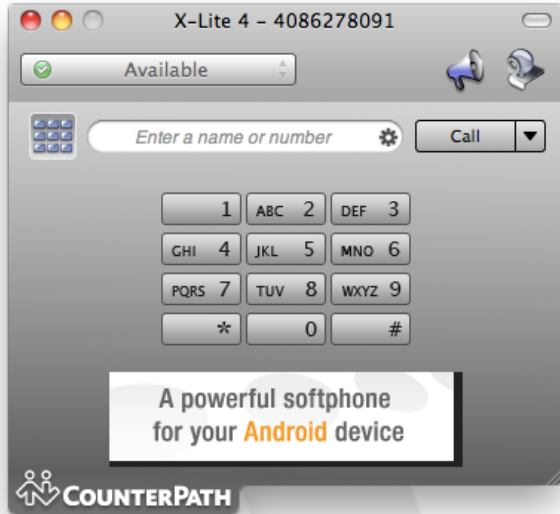
X-Lite Audio

Since X-Lite is a software telephone application, you will require both speaker and microphone devices to make calls. Any of the following configurations are acceptable:

- External speakers and microphone (requires a full-duplex sound adapter)
- Dual-jack multimedia headset (requires a full-duplex sound adapter)
- Built in microphone and speakers (requires a full-duplex sound adapter)
- USB multimedia headset
- USB phone

X-Lite Overview

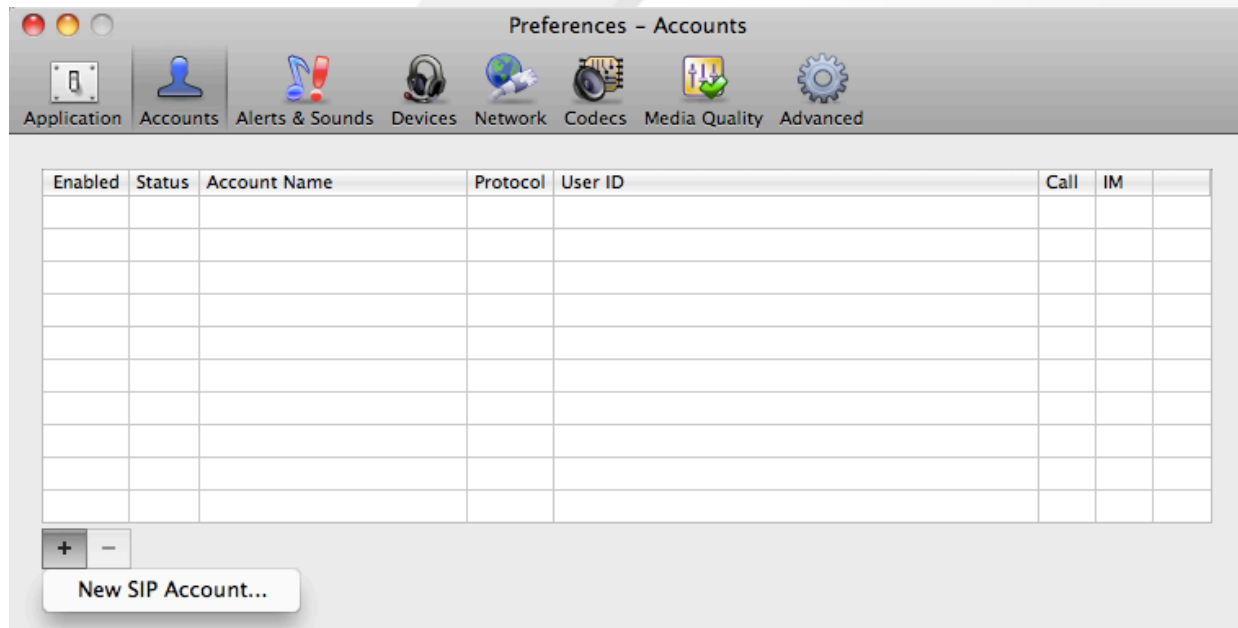
The X-Lite dial pad, along with its various controls and indicators, is shown below.



Configuring X-Lite

In order to use the Virtual PBX service with X-Lite you have to configure it using the following steps.

Start X-Lite. If this is the first time you have used X-Lite then the **Sip Accounts** screen will appear. Otherwise, click on the **Menu** button and choose **New SIP Account** shown below.



In the General tab:

1. Disable **IM/Presence**
2. Enter your VoIP Phone Username in the **User ID**, **Display name** and **Authorization name** fields
3. Enter **virtualpbx.net** in the **Domain** field
4. Enter your VoIP Phone password in the **Password** field
5. Enable **Register with domain and receive calls**
6. Enable **Send outbound via** to use **Domain**

Account

Account name: Virtual PBX

Protocol: SIP

Use for: Call IM/Presence

General Voicemail Topology Presence Transport Advanced

User Details

* User ID 4086278091

* Domain virtualpbx.net

Password

Display name 4086278091

Authorization name 4086278091

Domain Proxy

Register with domain and receive calls

Send outbound via:

Domain

Proxy Address

Dial plan #1\a\a.T;match=1;prestrip=2;

Cancel OK

In the Voicemail tab:

1. Disable **Check for voicemail**

Account

Account name: Virtual PBX

Protocol: SIP

Use for: Call IM/Presence

General Voicemail Topology Presence Transport Advanced

Voicemail

Check for voicemail

Number to dial for checking voicemail

Number for sending calls to voicemail

Send calls to voicemail if unanswered for 0 seconds

Cancel OK

In the Topology tab:

1. Disable **IM/Presence**
2. Enable **Range of ports used on local computer** and set the values to **10000-25000**.

Account

Account name: Virtual PBX

Protocol: SIP

Use for: Call IM/Presence

General Voicemail **Topology** Presence Transport Advanced

Firewall Traversal

Firewall traversal method Auto-detect (ICE, recommended)
 Discover public IP address (STUN)
 Use media relay (TURN)
 None (use my local IP address)

To use domain server, leave Server Address blank

Server address

User name

Password

Range of ports used on local computer 10000 - 25000

Cancel OK

In the Presence tab, no changes are needed.

Account

Account name: Virtual PBX

Protocol: SIP

Use for: Call IM/Presence

General Voicemail Topology **Presence** Transport Advanced

Presence

Mode Peer-to-peer

Poll time 300 seconds

Refresh interval 3600 seconds

Cancel OK

In the Transport tab:

1. Verify that **Signaling transport** is set to **Automatic**.

Account configuration dialog box, Transport tab. The Account name is "Virtual PBX", Protocol is SIP, and Use for is checked for Call. The Signaling transport is set to Automatic. The dialog has Cancel and OK buttons.

In the Advanced tab, no changes are needed

Account configuration dialog box, Advanced tab. The Account name is "Virtual PBX", Protocol is SIP, and Use for is checked for Call. The Register Settings section shows Reregister every 3600 seconds, Minimum time 20 seconds, and Maximum time 1800 seconds. The Timers section has Enable Session Timers unchecked, Session Timer Preference set to None, and Default Session Time 60 seconds. The Advanced Options section has Send SIP keep-alives, Use rport, and Send outgoing request directly to target checked, and Use old style hold unchecked. The dialog has Cancel and OK buttons.

Calling with X-Lite

Making a call

1. Open X-Lite.
2. Allow it to detect network and login - this will take a few seconds – check the **Call Status** for **Available**.
3. Enter the phone number using your keyboard, or with your mouse using the numeric keypad on X-Lite.
4. Click the **Call** or press **return**.



Ending a call

1. To end a call, click the **Hang up** button
2. As with traditional calls, a call is also brought to an end when the other party hangs up.

Answering a call

1. X-Lite must be running to answer an incoming call.
2. X-Lite will ring like a traditional telephone.
3. To answer the call, click the green **Dial** button.