

Recommended Cisco SPA5xx IP Phone Configuration for Clearly SIP Service

Note: The following settings will establish basic two-way calling. Cisco IP phones are somewhat flexible devices with many built-in capabilities, but advanced functionality was not part of this basic interop. If a setting is not displayed, default settings are acceptable. Clearly recommends upgrading your phone to the latest available version before proceeding with these steps, which were tested with firmware version 7.6(2)SR3 (aka 7.6(2)c).

1. Browse to the IP address of the phone in your web browser
 - To determine or set your phone's IP address, press the Menu button and then press 9 or arrow down to **9 Network**. Once in the network menu, press 2 or arrow down to **2 Current IP**.
2. Click **Admin Login** in the upper right corner of the page. The default username is *admin* and the default password is *admin*
3. Click the **System** tab and set the **Primary NTP Server** to "*tick.clearfly.net*" and the **Secondary NTP Server** to "*tock.clearfly.net*". When finished, click the **Submit All Changes** button.
4. Click the **Regional** tab and select the correct timezone. When finished, click the **Submit All Changes** button. After each configuration save, the phone config is applied and the phone may reset. If you are redirected to the home page, make sure you login as *admin* before proceeding with each subsequent step.
5. Select the **Phone** tab. If using Clearly's voicemail service, enter *98 in the **Voice Mail Number** field. Also, ensure that only **Line Key 1's Extension** is set to "1". All other Line Key extension values should be set to "*Disabled*". When finished, click the **Submit All Changes** button.
6. Click on the **Ext 1** tab. Configure the relevant fields as follows. When finished, click the **Submit All Changes** button.
 - **Line Enable:** *yes*
 - **NAT Mapping Enable:** *no*
 - **SIP Port:** *5060*
 - **SIP Debug Option:** *none*
 - **Proxy:** *v.cfly.co*
 - **SIP TOS/DiffServe Value:** *0xb8*
 - **SIP CoS Value:** *6*
 - **Register:** *yes*
 - **Register Expires:** *3600*
 - **Make Call Without Reg:** *no*
 - **Ans Call Without Reg:** *no*
 - **Display Name:** *<Enter whatever you'd like here>*
 - **User ID:** *<Enter your phone number here>*
 - **Password:** *<Enter your password here>*
 - **Use Auth ID:** *yes*
 - **Auth ID:** *<Enter your phone number here>*
 - **Preferred Codec:** *G711u*
 - **Use Pref Codec Only:** *yes*
 - **Second Preferred Codec:** *Unspecified*
 - **Third Preferred Codec:** *Unspecified*
 - **Silence Supp Enable:** *no*
 - **DTMF Tx Method:** *Auto*
7. Click on the **Provisioning** tab. Change **Provisioning Enable** to "*no*". When finished, click the **Submit All Changes** button.
8. That's it! You can configure additional lines if you'd like in the other **Ext** tabs, but please be advised that Clearly only allows two simultaneous registrations per subscriber.