

Cisco SPA Phones - Manual Configuration

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This knowledge base applies to phone admin manually configuring any of the Cisco SPA family of phones.

Quick Guide to Cisco SPA

Step One: Cisco SPA web UI

- Retrieve the phones IP address > select the Settings button (page icon)
- SPA 504 select Option 9 | **Network** >> Current IP.
- SPA 525 select **Settings** | **Status** | **Network Status** >> IP Address.
- **Advanced settings**: type **admin/advanced** to jump directly into the phone full admin access (see screen shot below).

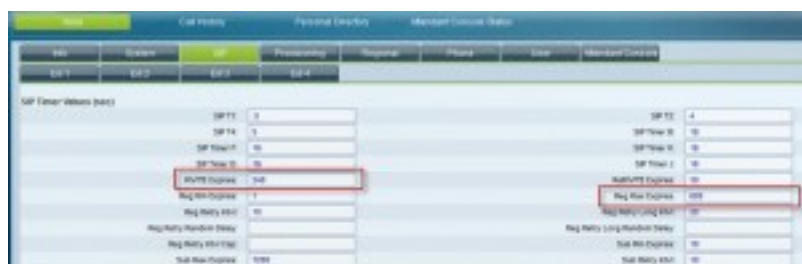




Step Two: SIP Tab

Browse to the SIP Tab (see screen shot below).

- **SIP Timer Values:** Set INVITE Expires to 240 and Reg Max Expires 600. NB – while our recommended settings for both are arbitrary, its important that you reduce them from the factory defaults of 3600 seconds which is way too long.



Step Three: Ext 1 Tab

You will use the Ext tabs to program each numbers (or extensions) onto your Cisco SPA handset.

Disabling unused Extensions

By default all Extension tabs are enabled on the Cisco SPA phones with the

annoying consequence that the single number programmed against Ext 1 will populate across all other extension buttons on your handset (see example below). To prevent this behaviour simply disable any used Extensions.



3.1 SIP Settings

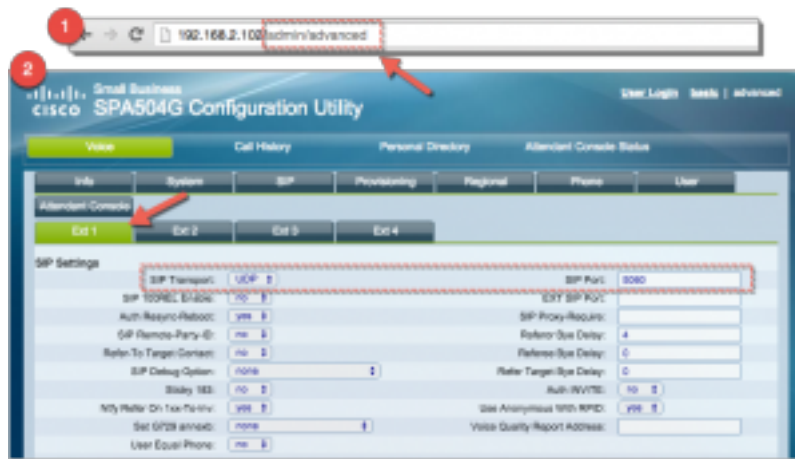
SIP Transport: TLS (if using UDP please use port 5060)

SIP Port: 5061 (UDP 5060)

3.2 Proxy and Registration

Proxy: phone.tel2.co.uk

Outbound Proxy: phone.tel2.co.uk



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Proxy and Registration

Proxy:

Outbound Proxy:

Alternate Proxy:

Alternate Outbound Proxy:

Use Outbound Proxy: ☐

Use DB Proxy in Dialog: ☐

Register: ☐

Make Call Without Reg: ☐

Register Expires:

Ans Call Without Reg: ☐

Use DB SIP: ☐

DB SIP Auto Prefix: ☐

Proxy Fallback Intvl:

Proxy Redundancy Method:

Dual Registration: ☐

Subscriber Information

Display Name:

User ID:

Password:

User Auth ID:

Auth ID:

Reversed Auth Realm:

Mini Certificate:

SIP Private Key:

Resident Online Number:

SIP URL:

Audio Configuration

Preferred Codec:

Use Pref Codec Only: ☐

Second Preferred Codec:

Third Preferred Codec:

G711a Enable: ☐

G711a Enable: ☐

G729a Enable: ☐

G729a Enable: ☐

G729-18 Enable: ☐

G729-04 Enable: ☐

G729-32 Enable: ☐

G729-48 Enable: ☐

Release Unused Codec: ☐

G729 Process AVT: ☐

Silence Supp Enable: ☐

STMF Tx Method:

DTMF Tx Volume for A/T Packet:

DTMF AVT Packet Interval:

Use Remote Pref Codec: ☐

Codec Negotiation:

Unique solution ID: #1079
 Author: Support
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