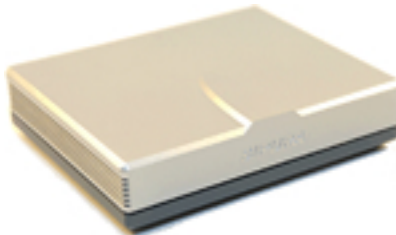




Configuration Guide

for the

Sipura SPA-2100



CONNECT THE SPA-2100

Note:

Firmware 2.05(c) or 2.0.5(d) is required for service.

1. Using a standard telephone cable (RJ-11), connect an analog phone to the **Phone1** port on the SPA-2100.
2. Using a standard network cable (RJ-45), connect the **WAN** port on the SPA-2100 to your network connection (e.g., LAN).
3. Using a standard network cable (RJ-45), connect the **LAN** port on the SPA-2100 to the network card on your PC
4. Power on the SPA-2100 by plugging its power supply into an AC outlet and then plugging the power cable into the **Power** port on the SPA-2100.

CONFIGURE THE SPA-2100

To connect to the SPA-2100 Web interface and configure the SPA-2100:

1. Using the PC connected to the SPA-2100's **LAN** port, launch a Web browser, and enter <http://192.168.0.1> in the **Address** bar.
2. Click the **Admin Login** link, located in the upper right-hand corner of the page.
3. Click the **advanced** link.
4. Click the **Voice** tab at the top of the page.
5. Click the tab for **Line1** or **Line2** at the top of the page, depending on which line you are configuring.
6. In the **NAT Settings** section, change the value of the following field:
 - **NAT Keep Alive Enable** – no
7. In the **Proxy and Registration** section, change the following fields to the value indicated:
 - **Proxy** – sip.landose.com
 - **Use Outbound Proxy** – no
 - **Use OB Proxy In Dialog** – no
 - **Make Call Without Reg** – yes
 - **Ans Call Without Reg** – yes
 - **DNS SRV Auto Prefix** – no
8. In the **Subscriber Information**, enter **No_Number** in the **Display Name** field.
9. Enter the **User ID** (account number) and **Password** (passcode).

Note:

Line 1 and Line 2 must have a different account number and passcode.

10. Change the value of the **Use Auth ID** field to **no**.

The screenshot displays the configuration page for Line 1. The 'NAT Settings' section includes 'NAT Keep Alive Enable' set to 'no'. The 'Proxy and Registration' section shows 'Proxy' as 'sip.landose.com' and several other options. The 'Subscriber Information' section shows 'Display Name' as 'No Phone', 'Password' as masked, and 'User ID' as '000000000000'. The 'Use Auth ID' field is set to 'no'.

Line 1 Configuration Page – Top

11. In the **Audio Configuration** section, change the value of the following fields:
- Use Pref Codec Only – no
 - G729a Enable – yes
 - G723 Enable – yes
 - G726-16 Enable – no

- G726-24 Enable – no
- G726-32 Enable – no
- G726-40 Enable – no
- DTMF Process INFO--no
- DTMF Process AVT – yes
- DTMF Tx Method – AVT

Supplementary Service Subscription

Call Waiting Serv:	yes	Block CID Serv:	yes
Block ANC Serv:	yes	Dist Ring Serv:	yes
Cfwd All Serv:	yes	Cfwd Busy Serv:	yes
Cfwd No Ans Serv:	yes	Cfwd Sel Serv:	yes
Cfwd Last Serv:	yes	Block Last Serv:	yes
Accept Last Serv:	yes	DND Serv:	yes
CID Serv:	yes	CWCID Serv:	yes
Call Return Serv:	yes	Call Back Serv:	yes
Three Way Call Serv:	yes	Three Way Conf Serv:	yes
Attn Transfer Serv:	yes	Unattn Transfer Serv:	yes
MWI Serv:	yes	VMWI Serv:	yes
Speed Dial Serv:	yes	Secure Call Serv:	yes
Referral Serv:	yes	Feature Dial Serv:	yes

Audio Configuration

Preferred Codec:	G726	Silence Supp Enable:	no
Use Pref Codec Only:	no	Silence Threshold:	medium
G729a Enable:	yes	Echo Canc Enable:	yes
G723 Enable:	yes	Echo Canc Adapt Enable:	yes
G726-16 Enable:	no	Echo Supp Enable:	yes
G726-24 Enable:	no	FAX CED Detect Enable:	yes
G726-32 Enable:	no	FAX CNG Detect Enable:	yes
G726-40 Enable:	no	FAX Passthru Codec:	G711u
DTMF Process INFO:	no	FAX Codec Symmetric:	yes
DTMF Process AVT:	yes	FAX Passthru Method:	NSE
DTMF Tx Method:	AVT	FAX Process NSE:	yes
Hook Flash Tx Method:	None	Release Unused Codec:	yes

Dial Plan

Dial Plan: (*xx[[3469]11]0|00|[2-9]xxxxxx|1xxx[2-9]xxxxxxS0|xxxxxxxxxxxxx.)

Enable IP Dialing: no

FXS Port Polarity Configuration

Idle Polarity:	Forward	Caller Conn Polarity:	Forward
Callee Conn Polarity:	Forward		

Undo All Changes Submit All Changes

User Login basic | advanced

Line 1 Configuration Page – Bottom

12. In the **Dial Plan** section, change the value of the **Dial Plan** field to match the dialing pattern used in your country (where you are using the Landose service).

For US calls, insert “1” as the first digit. For non-US calls, insert “011” before the rest of the phone number. For information on customizing your dial plan, refer to the SPA-2100 manual.

13. To save these settings, click the **Submit All Changes** button.