

deltathree Inc.

SIPURA 2000 Installation
Instructions

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SIPURA 2000 SET-UP INSTRUCTIONS



This document provides two different methods to set up your SIPURA 2000 Gateway with deltathree:

Dial Tone Mode: Your gateway, configured with pre-defined Calling Accounts, will produce a dial tone, enabling your users to pick up the phone and dial the destination number to make calls.

IVR Mode: Your gateway is configured to connect with deltathree's Interactive Voice Response (IVR) System. Once connected, voice prompts direct your users to enter their Calling Account information and destination number in order to make a call.

IMPORTANT!!

Please be sure to note which of the instructions below apply to your SIPURA 2000 and your desired settings

Step 1: Connect the Sipura SPA-2000 to your Broadband connection

1. **Connect the phone:** Connect up to 2 analog telephones to "PHONE 1" and "PHONE 2" of the two phone ports on the SIPURA gateway
2. **Connect the unit to the network:** Use the Ethernet cable provided in the packaging and connect the "ETHERNET" port on the SIPURA gateway to a spare Ethernet port on your router
3. **Connect the power:** Connect the power cord to the receptacle on the SIPURA gateway marked "POWER" and the power adapter to an electrical outlet.

Step 2: Verify your IP address and Initial SPA-2000 Configuration

1. To configure the SPA-2000, you should have the following information:

- IP address, Sub-Net and Gateway addresses or DHCP availability
- deltatthree User IDs and passwords

2. Use a touch tone telephone attached to Port 1 or Port 2 of the SPA-2000 and press the star key four times (****) to enter the Sipura Configuration menu.

Please use the table below for options and responses to the information you may use to configure the SPA-2000:

Action	Menu Choice	User Input	Notes
Enter IVR Menu	* * * *	None	None. Ignore SIT or other tones until you hear, "Sipura configuration menu. Please enter option followed by the pound key or hang-up to exit."
Check DHCP	100#	None	IVR will announce if DHCP in enabled or disabled.
Enable/Disable DHCP	101#	Enter 1 to enable Enter 0 to disable	
Check IP Address	110#	None	IVR will announce current IP Address of Sipura gateway
Set Static IP Address	111#	Enter IP address using numbers on the telephone key pad. Use the *(star) key when entering a decimal point.	DHCP must be "Disabled" otherwise you will hear, "Invalid Option," if you try to set this value.
Check Network Mask	120#	None	IVR will announce the current network mask of Sipura gateway.
Set Network Mask	121#	Enter value using numbers on the telephone key pad. Use the * (star) key when entering a decimal point.	DHCP must be "Disabled" otherwise you will hear, "Invalid Option," if you try to set this value.
Check Static Gateway IP Address	130#	None	IVR will announce the current gateway IP address of Sipura gateway.
Set Static Gateway IP Address	131#	Enter IP address using numbers on the telephone key pad. Use the *(star) key when entering a decimal point.	DHCP must be "Disabled" otherwise you will hear, "Invalid Option," if you try to set this value.

Step 3: Install SIPURA software version 2.0.11(g)

1. Check the software version that the SPA is running:
 - Open a session to the SPA by typing: `http://(SPA's IP address)`
 - Click on the "Info" tab, then go to the "Product Information" section, and find the "Software Version."

If the SPA has software version 2.0.11(g), continue to **STEP 4**.

If the SPA does not have software version 2.0.11(g), follow the instructions below.

2. Go to <http://download.deltathree.com/download/sipura/spa2000/spa2k-02-00-11-g.exe> and download and install the firmware version. Follow the prompts to complete installation.

Make sure to install the software on a computer that is connected to the same network as the SPA-2000. **Please do not unplug the SPA until the status light stops blinking and the software installation is complete.** This process can take several minutes.

When the software has been installed on the SPA, you will see a popup window with the message "Your SPA has been successfully upgraded to the version show below: 2.0.11(g)"

If the upgrade fails, verify that your SPA is properly configured on your home network and check your ISP connectivity.

Step 4: Configure your Sipura SPA-2000

1. Open a session to the SPA by typing: `http://(SPA's IP address)`
2. Click "Admin Login" at the bottom or upper right hand corner of the configuration page.
3. Click "Advanced" at the bottom or upper right hand corner of the configuration page.
4. The browser will show a tabbed user interface. To complete the configuration, you will enter information into fields on the Line 1 and/or Line 2, Provisioning, and SIP tabs. Use the Line 1 tab to configure service for Phone 1 and the Line 2 tab to configure service for Phone 2.
 - Enter the values for your configuration type into the corresponding fields as indicated on the sample SPA-2000 Configuration forms.
 - ONLY INPUT VALUES INTO THE SPECIFIED FIELDS. DO NOT change the values in any of the other fields.
 - Click **Submit All Changes** at the bottom of the web page after you fill in all appropriate fields.

Choose between two SPA-2000 Configuration forms:

a. Make Calls only

1. Click **Line 1** for phone 1 and **Line 2** for phone 2 on the configuration menu.



2. Go to **Proxy and Registration**

Dial-Tone Configuration	IVR Configuration
Proxy: enter sipauth.deltathree.com	Proxy: enter c-ivr-devices.deltathree.com
Register: enter NO	Register: enter NO
Register Expires: enter 300	Register Expires: enter 300
Use OB Proxy In Dialog: enter NO	Use OB Proxy In Dialog: enter NO
Make Call Without Reg: enter YES	Make Call Without Reg: enter YES

3. Go to **Subscriber Information**

Dial-Tone Configuration	IVR Configuration
Password: enter Your 4 digit password	Password: leave blank
Auth ID: enter Your 8 digit deltathree account number	Auth ID: leave blank
User ID: enter Your 8 digit deltathree account number	User ID: leave blank
Use Auth ID: enter YES	Use Auth ID: enter No

4. Go to **Audio Configuration**

Select the **Preferred Codec:** based on the speed of your Internet connection

5. Go to **Dial Plan**

Dial-Tone Configuration	IVR Configuration
Dial Plan: enter (*xx [3469]11 0 00 [2-9]xxxxxx 1[2-9]xx[2-9]xxxxxS0 xxxxxxxxxxxxx.)	Dial Plan: enter (S0<:8888>)

6. Click **Provisioning** on the configuration menu.



7. Go to **Configuration Profile**

- Change **Provision Enable:** to **NO**

8. Click the **Submit All Changes** button to save your changes.

b. Make & Receive Calls (Dial-Tone configuration only)

1. Click **Line 1** for phone 1 and **Line 2** for phone 2 on the configuration menu.



2. Go to **NAT settings**

- Change **Keep Alive Enable:** to **YES**

3. Go to **Proxy and Registration**

- Next to **Proxy:** enter **sipauth.deltathree.com**
- Change **Register:** to **YES**
- Change **Register Expires:** to **300**
- Change **Use OB Proxy In Dialog:** to **NO**
- Change **Make Call Without Reg:** to **YES**

4. Go to **Subscriber Information**

- Next to **Display Name:** enter **Your name that will appear on Caller ID, if you choose**
- Next to **Password:** enter **Your 4 digit password**
- Next to **Auth ID:** enter **Your 8 digit deltathree account number**
- Next to **User ID:** enter **Your deltathree Inbound Phone Number (e.g. 12125551212 for a USA number)**
- Next to **Use Auth ID:** enter **YES**

5. Go to **Audio Configuration**

- Select the **Preferred Codec:** based on the speed of your Internet connection

6. Go to **Dial Plan**

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

7. Click **Provisioning** on the configuration menu.



8. Go to **Configuration Profile**

- Change **Provision Enable:** to **NO**

9. Click **SIP** on the configuration menu



10. Go to **NAT Support Parameters**

- Next to **NAT Keep Alive Intvl:** enter **45**

11. Click the **Submit All Changes** button to save your changes.

Step 5: Start using your SPA-2000 with deltathree Calling Accounts

Dial-Tone mode: You are ready to make and receive calls. Pick up the phone and start dialing. Make sure to dial country code, area code, and the number - even for local phone calls: e.g. USA call 1-212-555-1212.

IVR mode: You are ready to make calls. Pick up the phone and you will hear the automated IVR prompts. Enter your 8-digit User ID, 4-digit password, and destination telephone number as instructed by the IVR prompts to make calls. Make sure to dial country code, area code, and the number - even for local phone calls: e.g. USA call 1-212-555-1212.