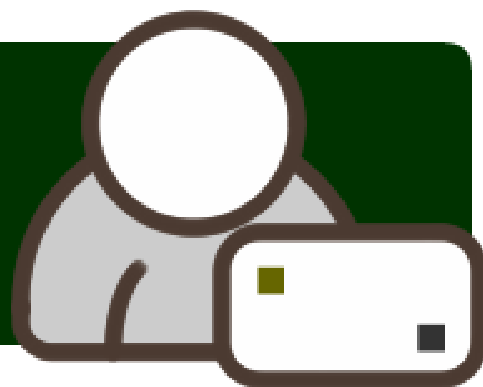


# Phoneserve OMNI Device Quickstart Guide



## Sipura 3000

### Device Details

<b>Device Type:</b>	1 FXS & 1 FXO-Port Telephone Adapter
<b>Manufacturer:</b>	Sipura
<b>Model:</b>	3000

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This device is a FXS and FXO telephone adapter, enabling low cost Internet calls from standard telephone apparatus.

## 1. Before you begin

Verify that you have the following:

- **SPA3000** (software version 2.0.9(GWi)) and Power Supply
- **SPA3000** Cabling
- **PC** (Initially for configuration of the SPA3000 A PC is used for monitoring and reporting of the Gateway status, but this does not have to be local to the SPA3000)
- **A network connection to the Internet**
- An **analogue phone with an RJ11** connector
- Phoneserve literature including:
  - **Phoneserve Omni Quick Install Guide** (this document)
  - **Phoneserve Omni Account Details** (available from your account manager)
  - **Phoneserve Omni user instructions** (available from your account manager)

## 2. Cabling the SPA3000

Connect a standard telephone to **Phone-1** port of the SPA3000. **The telephone should be a modern tone-dialling (DTMF) type.**

Connect the standard RJ45 Ethernet cable (supplied) to the LAN port. The other end of this cable should be connected to your Network feed (Router, Hub, Switch or similar).

Finally, Insert the power adapter cable into the **5V** power socket of the SPA and power up the device by plugging the power adapter into a live power outlet.

### 3. Initial SPA configuration

Initial configuration is completed by use of the connected telephone set and the SPA's built-in **IVR** (Interactive Voice Response) service. Whilst it is possible to configure the SPA with only the telephone set, it is far easier to understand and modify the various parameters if programming is completed using the SPA's built-in web interface. Before you can use your PC and browser however, you must complete the basic network configuration tasks with the telephone set.

To bring up the IVR service, lift the handset and dial \*\*\*\* (ignore any tones you may hear whilst dialling the four "stars" – you will eventually hear "**Sipura configuration menu ..** ")

Check whether DHCP is enabled by entering **100#**

If you use DHCP, enter code **110#**, the IVR should announce the IP address, write it down and skip to step 9 below.

**Note:** To enable/disable DHCP, enter **101#**, then when prompted enter **1** to enable or **0** to disable.

If DHCP is enabled, check whether your SPA has successfully received an IP address thus, according to step 2.

If DHCP allocation was unavailable, you will need to set the IP address manually.

Firstly, switch off DHCP by entering **101#**, then **0**

Use command **111#** to set IP address, enter numbers from the telephone keypad – use the \* key for the decimal point. (e.g. **10\*10\*60\*134**)

Check Subnet Mask using **120#**. If you need to change the setting, use **121#** to set Subnet Mask. Using numbers and \* as above to enter the desired value (e.g. **255\*255\*255\*0**).

Check the IP address of your Internet gateway using **130#**. If you need to change/set this address, use

**131#** - once more using numbers and \* to enter the desired value (e.g. **10\*10.\*60\*254**)

Review the IP address setting using **110#** - write it down.

You may now connect to the SPA from your PC browser – the PC must be connected to the same network as the SPA. In your browser address window type **http://<the IP address you wrote down>/admin/advanced** and press return on your PC keyboard.

## 4. IVR Code table

Action	Command	Choices	Description
Enter Interactive Voice Response Menu	****		Use this command to enter the Interactive Voice Response Menu. Do not press any other keys until you hear "Configuration menu". Please enter option followed by the # (pound) key or hang up to exit
Check DHCP	100		Use this command to find out if DHCP has been enabled or disabled. If enabled, the Phone Adapter will be assigned an IP address automatically by your network router or gateway. If disabled, then the Phone Adapter will use a static IP address.
Enable/Disable DHCP	101	Enter 1 to enable Enter 0 to disable	Enable or disable the Phone Adapter's DHCP feature. If your network router assigns IP addresses, then enter 1. Otherwise, enter 0.
Check IP Address	110		You will hear the current IP address of the Phone Adapter
Set Static IP Address	111	Enter the IP address using numbers on the telephone keypad. Use the * (star) key when entering a decimal point.	To set a static IP address, the DHCP feature must be disabled. If the DHCP feature is enabled, then you will hear "Invalid Option" if you try to set a static IP address.
Check Network Mask (or Subnet Mask)	120		You will hear the current network mask of the Phone Adapter.
Set Network Mask (or Subnet Mask)	121	Enter the network mask using numbers on the telephone keypad. Use the * (star) key when entering a decimal point.	To set the network mask, the DHCP feature must be disabled. If the DHCP feature is enabled, then you will hear "Invalid Option" if you try to set a static IP address.
Check Static Gateway IP address	130		You will hear the current Gateway IP address of the Phone Adapter.
Set Static Gateway IP address	131	Enter the IP address using numbers on the telephone keypad. Use the * (star) key when entering a decimal point.	To set the Static Gateway IP address, the DHCP feature must be disabled. If the DHCP feature is enabled, then you will hear "Invalid Option" if you try to set a static IP address.
Check MAC Address	140		You will hear the MAC address of the Phone Adapter in hexadecimal string format
Check Firmware Version	150		You will hear the version number of the firmware currently installed on the Phone Adapter
Enable/Disable Web-based Utility of Phone Adapter	7932	Enter 1 to enable Enter 0 to disable	This feature is often protected by a password only from Internet Phone Service Provider. If you can't access it, please contact your IPSP for more information.
Manual Reboot	732668		After you hear "Option Successful", hang up the phone. The Phone Adapter will automatically reboot.
Factory Reset	73738	Enter 1 to confirm Enter * (star) to cancel	This feature is often protected by a password only from Internet Phone Service Provider. If you can't access it, please contact your IPSP for more information. After you have entered your password, the Phone Adapter will request confirmation. After confirmation, you will hear "Option Successful". Hang up the phone. The Phone Adapter will reboot and all settings will be reset to their factory settings.

## 5. Interface Configuration

Your browser should now show a tabbed user-interface page. The pages are labelled; **Info, System, SIP, Provisioning, Regional, Line 1, PSTN Line, User 1 and PSTN User.**



If you do not see all these tabs you are not in the “**advanced admin**” mode. To get there click on “**Admin Logon**” then “**Advanced**” at the top right of the web page.

These tabbed pages allow complete and detailed customisation of almost every element of the device, but for simple use as a Phonseserve gateway only a very few changes are necessary; (The Info page displays current set up. There are no configuration changes possible on this page.)

On the **System page**; network connectivity options may be set, but because you are viewing that page you have obviously already managed those parameters via the IVR Interface.

On the **SIP, Provisioning, Regional, User 1 and PSTN User pages**; the device defaults should suffice for basic operations. The **Line 1** settings that may require changing from default are these:



Line Enable: **Yes**  
Nat Settings:  
 NAT Keep Alive Enable: **Yes**  
Sip Settings:  
 Sip Port: **5060**  
Proxy and Registration:  
 Proxy: **adp1.winnerip.com**  
 Register: **Yes**  
 Use OB proxy in Dialog: **No**  
Subscriber Information:  
 Display name: **Your name**  
 User ID: **Phonseserve Account Number (18 digits)**  
 Password: **left in blank**  
Audio Configuration:  
 Preferred Codec: **G723**  
 Use Pref Codec Only: **No**



## 7. How can you protect your PSTN line with a PIN?

Access the SPA3000 interface and select the TAB **PSTN Line**.  
In the **PSTN-To-VoIP Gateway Setup** option, change the field **PSTN Caller Auth Method** from **none** to **PIN**  
Make sure the option for **PSTN Caller Default DP** is set to **1**  
Now you can enter your desired PIN number in the field **PSTN Caller 1 PIN**  
Scroll down and click on the button '**Submit all changes**' to activate this option.

## 8. Contact & Feedback

We hope that you have found the contents of this guide both useful and informative. However, if you feel any additional information could be added, or the guide could be improved in any way, please e-mail suggestions to [info@phoneserve.com](mailto:info@phoneserve.com)

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