

Configuration Of SPA-2000 for Worldsmart



SPA - 2000

2 Port FXS Analog Telephone Adapter

Step 1: Plug in the ATA

Connect a telephone handset, network, and power to the ATA, and wait briefly while it discovers its IP address via DHCP.

Step 2: Enable DHCP Configure your IP Address

If your network uses a DHCP Server to assign IP Addresses to network devices, please do the following:

Pick up the phone connected to the SPA-2000 and dial ****. You will hear a voice prompt saying "*Sipura configuration menu: please enter option followed by the pound key, or hangup to exit*".

Dial **101#** to enter the DHCP configuration voice menu.

Dial **1#** to enable DHCP, then dial **1** to save your configuration settings.

Hang up the phone and wait 2 minutes.

Step 3: Verify SPA-2000 has a valid IP Address:

Pick up the phone connected to the SPA-2000 and dial ****. You will hear a voice prompt saying "*Sipura configuration menu: please enter option followed by the pound key, or hangup to exit*".

Dial **110#**. The system will now read back the IP address of your SPA-2000. Please write it down.

Step 4: If the IP is 0.0.0.0, your SPA-2000 does not have a valid IP address.

Hang up the phone, unplug and re-plug your SPA-2000 power cord. Wait 2 minutes, and check the IP again.

If you still get 0.0.0.0, there can be two reasons for this:

1. Your DHCP Server is not assigning an IP address to the SPA-2000 (in which case you should contact your network administrator or ISP for assistance).

2. Your network does not have a DHCP server or you have purchased a Static IP Address for the SPA-2000 from your ISP. In this case, please proceed to Manually Assigning a Static IP Address below, otherwise skip this step.

Manually Assigning a Static IP Address

You will first have to obtain the following information:

- IP Address
- Default Gateway
- Subnet Mask

Getting the values for Subnet Mask, IP Gateway, DSN Server, DNS Alt Server.

Push the "Start" button → Select Run → Type cmd → Ok

Type the command "ipconfig /all" and hit enter at command prompt window

```
C:\WINNT\system32\cmd.exe
Microsoft Windows 2000 [Version 5.00.2195]
(C) Copyright 1985-2000 Microsoft Corp.

C:\Documents and Settings\Administrator>ipconfig /all

Windows 2000 IP Configuration

    Host Name . . . . . : support
    Primary DNS Suffix . . . . . :
    Node Type . . . . . : Broadcast
    IP Routing Enabled. . . . . : No
    WINS Proxy Enabled. . . . . : No

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix . . :
    Description . . . . . : Intel(R) PRO/100 UE Network Connection
    Physical Address. . . . . : 00-11-11-9C-18-CD
    DHCP Enabled. . . . . : No
    IP Address. . . . . : 192.168.68.69
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.68.2
    DNS Servers . . . . . : 202.65.128.251
                          202.65.128.1

C:\Documents and Settings\Administrator>
```

Pick up the phone connected to the SPA-2000 and dial ****. You will hear a voice prompt saying "Sipura configuration menu: please enter option followed by the pound key, or hangup to exit".

Dial **101#** to access the Static IP configuration menu.

Dial **0#** to disable DHCP, then dial **1** to save the setting.

Dial **111#** to access the IP Address Menu. Enter the SPA-2000's IP Address followed by # (using * to represent "." eg. **192*168*100*89#** to represent the IP address 192.168.100.89). Press **1** to save the setting.

Dial **121#** to access the Subnet Mask Menu. Enter the SPA-2000's Subnet Mask followed by # (using * to represent "." eg. **255*255*255*0#** to represent the mask 255.255.255.0). Dial **1** to save the setting.

Dial **131#** to access the Default Gateway IP Address Menu. Enter the Internet Gateway's IP Address followed by # (using * to represent "." eg. **192*168*100*1#** to represent the IP address 192.168.100.1). Dial **1** to save the setting.

Dial **161#** to access the DNS Server IP Address Menu. Enter the Primary DNS Server's IP Address followed by # (using * to represent "." eg. **192*168*100*1#** to represent the IP address 192.168.100.1). Dial **1** to save the setting.

Hang up the phone.

Verification :

To verify the configuration was correct, pick up the phone connected to the SPA-2000 and dial ********. You will hear a voice prompt saying "Sipura configuration menu: please enter option followed by the pound key, or hangup to exit".

Dial **110#** to hear the SPA-2000's current IP address. If this is not the same as what you entered in, please repeat steps 1 through 9 to ensure that the settings are correct.

Line Configuration

Step 1: Obtain the IP-Address of SPA-2000

Step 2: Access the web configuration page

Obtain the IP-Address-of-SPA-2000 .Open the browser and give the following URL (**http://IP-Address-of-SPA-2000**), this brings up the web configuration page.

Click the Link "**Admin Login**" on the web configuration page displayed.



Click on the Link "**advanced**" on the web configuration page displayed.



Click on the tab “Ext 1”



Set the following parameters and save.

Call Feature Settings

Message Waiting : **yes**

Voice Mail Server : **extension-accountname@p7.wspbx.com**

Proxy and Registration

Proxy: **p7.wspbx.com**

Use Outbound Proxy: **yes**

Outbound Proxy: **p7.wspbx.com**

Register Expires : **120**

Register : **yes**

Proxy Fallback Int : **3600**

Subscriber Information

Display Name: **Tom**(This is the caller id)

User ID: **username1-accountname**

Password: **userpassword**

Use Auth ID: **yes**

Auth ID : **username1-accountname@ p7.wspbx.com**

Audio Configurations

Preferred Codec : **G729a**

Use Pref Codec Only: **No**

G729a Enable: **Yes**

Call Feature Settings			
Blind Attn-Xfer Enable:	<input type="text" value="no"/>	MOH Server:	<input type="text"/>
Message Waiting:	<input type="text" value="yes"/>	Auth Page:	<input type="text" value="no"/>
Default Ring:	<input type="text" value="1"/>	Auth Page Realm:	<input type="text"/>
Conference Bridge URL:	<input type="text"/>	Auth Page Password:	<input type="text"/>
Voice Mail Server:	<input type="text" value="9000-testsite-com@69"/>	State Agent:	<input type="text"/>
CFWD Notify Serv:	<input type="text" value="no"/>	CFWD Notifier:	<input type="text"/>
Proxy and Registration			
Proxy:	<input type="text" value="p8.wspbx.com"/>	Use Outbound Proxy:	<input type="text" value="yes"/>
Outbound Proxy:	<input type="text" value="p8.wspbx.com"/>	Use OB Proxy In Dialog:	<input type="text" value="yes"/>
Register:	<input type="text" value="yes"/>	Make Call Without Reg:	<input type="text" value="no"/>
Register Expires:	<input type="text" value="3600"/>	Ans Call Without Reg:	<input type="text" value="no"/>
Use DNS SRV:	<input type="text" value="no"/>	DNS SRV Auto Prefix:	<input type="text" value="no"/>
Proxy Fallback Intvl:	<input type="text" value="3600"/>	Proxy Redundancy Method:	<input type="text" value="Normal"/>
Subscriber Information			
Display Name:	<input type="text" value="Tom"/>	User ID:	<input type="text" value="tom1-testsite-com"/>
Password:	<input type="text" value="*****"/>	Use Auth ID:	<input type="text" value="yes"/>
Auth ID:	<input type="text" value="tom1-testsite-com@wo"/>		
Mini Certificate:	<input type="text"/>		
SRTP Private Key:	<input type="text"/>		
Audio Configuration			
Preferred Codec:	<input type="text" value="G729a"/>	Use Pref Codec Only:	<input type="text" value="no"/>
G729a Enable:	<input type="text" value="yes"/>	G723 Enable:	<input type="text" value="yes"/>
G726-16 Enable:	<input type="text" value="yes"/>	G726-24 Enable:	<input type="text" value="yes"/>
G726-32 Enable:	<input type="text" value="yes"/>	G726-40 Enable:	<input type="text" value="yes"/>
Release Unused Codec:	<input type="text" value="no"/>	DTMF Process AVT:	<input type="text" value="yes"/>
Silence Supp Enable:	<input type="text" value="yes"/>	DTMF Tx Method:	<input type="text" value="AVT"/>

Preferred Codec :
 Use Pref Codec Only:
 G729a Enable:

Click on the tab “Phone”

Voice Mail Number :

SIPURA technology, inc. Sipura Telephone Configuration

[Info](#) | [System](#) | [SIP](#) | [Provisioning](#) | [Regional](#) | **Phone** | [Ext 1](#) | [Ext 2](#) | [User](#)

[User Login](#) | [basic](#) | [advanced](#)
[Personal Directory](#) | [Call History](#)

General

Station Name:

Text Logo:

Voice Mail Number:

mwi-extension

Click on the tab “SIP”

SIPURA
technology, inc.

Sipura Telephone Configuration

Info System **SIP** Provisioning Regional Phone Ext 1 Ext 2 User

[User Login](#) [basic](#) | [advanced](#)
[Personal Directory](#) [Call History](#)

Set the following parameter.

RTP Packet Size: **0.020**

RTP Parameters

RTP Port Min:	<input type="text" value="16384"/>	RTP Port Max:	<input type="text" value="16482"/>
RTP Packet Size:	<input type="text" value="0.020"/>	Max RTP ICMP Err:	<input type="text" value="0"/>
RTCP Tx Interval:	<input type="text" value="0"/>	No UDP Checksum:	<input type="text" value="no"/>
Symmetric RTP:	<input type="text" value="yes"/>	Stats In BYE:	<input type="text" value="no"/>