

This file includes SIP Direct Dial Outbound & Inbound/Outbound configuration instructions for Sipura SPA 1000/2000 using Go2Call service.

Prerequisite #1 Your device must be SPA 1000 or 2000 and have Sipura firmware 2.0.1.0 or higher.

Prerequisite #2 Setup the device according to the following instructions:

- a. Make sure that the SPA-1000/2000 is powered up and connected to LAN/WAN to receive a public or private IP (in case you are behind a NAT)
- b. Connect a phone to phone port 1 of the Sipura device
- c. Take phone off hook.
- d. Dial ****110#. You should hear Sipura IP address from your phone. Write down the address
- e. Connect a PC into the LAN where Sipura is connected. Please make sure that your PC has an IP address before moving onto the next step.
- f. Open a web browser and type http:// followed by IP address heard from the Sipura phone (e.g. http://192.168.0.2) This should lead you to the Sipura web configuration page.
- g. Click on "admin" hyperlink.
- h. Click on "advanced" hyperlink.
- i. You must be in admin/advanced mode when accessing the Sipura configuration page in order to access all of the necessary parameters.

You are now ready for specific configuration instructions. Please choose one of the following four options by which to configure your device:

- ▶▶ pg.2 Outbound Direct Dial Configuration with no IVR
- ▶▶ pg.4 Outbound Direct Dial Configuration with IVR
- ▶▶ pg.6 Inbound/Outbound Configuration with calling features
- ▶▶ pg.8 Inbound/Outbound Configuration with no calling features



Sipura SPA1000/2000 Configuration Direct Dial Outbound with no IVR

- Click "Line 1" tab on main page. This will take you to the SIP User Configuration. If you have a SPA-2000 and are using both phone lines, you will need to complete the following steps for "Line 1" and "Line 2" tabs.
- Fill in your configuration according to the notes in the right-hand margin. For all fields not commented upon in the margin, copy the values from the screen shot. **Please note that if you are not in admin/advanced mode when accessing the configuration, you will not see all parameters listed below.**

Proxy and Registration				
Proxy:	<input type="text"/>	Use Outbound Proxy:	yes ▾	Type sip02.go2call.com
Outbound Proxy:	sipnt.go2call.com:5070	Use OB Proxy In Dialog:	yes ▾	
Register:	no ▾	Make Call Without Reg:	yes ▾	
Register Expires:	3600	Ans Call Without Reg:	no ▾	
Use DNS SRV:	no ▾	DNS SRV Auto Prefix:	no ▾	
Proxy Fallback Intvl:	3600			
Subscriber Information				
Display Name:	<input type="text"/>	User ID:	<input type="text"/>	Type your name Type your Go2Call PIN
Password:	<input type="text"/>	Use Auth ID:	yes ▾	
Auth ID:	<input type="text"/>			Type your Go2Call PIN
Mini Certificate:	<input type="text"/>			
SRTP Private Key:	<input type="text"/>			
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 ▾	

Directions continued on following page.

Please continue to customize your browser according to the screen shot below.

Audio Configuration			
Preferred Codec:	G729a	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:	yes	Echo Supp Enable:	yes
G726-24 Enable:	yes	FAX CED Detect Enable:	yes
G726-32 Enable:	yes	FAX CNG Detect Enable:	yes
G726-40 Enable:	yes	FAX Passthru Codec:	G711u
DTMF Tx Method:	Auto	FAX Codec Symmetric:	yes
Hook Flash Tx Method:	None	FAX Passthru Method:	NSE
Release Unused Codec:	yes	FAX Process NSE:	yes



Sipura SPA1000/2000 Configuration Direct Dial Outbound with IVR

- Click "Line 1" tab on main page. This will take you to the SIP User Configuration. If you have a SPA-2000 and are using both phone lines, you will need to complete the following steps for "Line 1" and "Line 2" tabs.
- Fill in your configuration according to the notes in the right-hand margin. For all fields not commented upon in the margin, copy the values from the screen shot. **Please note that if you are not in admin/advanced mode when accessing the configuration, you will not see all parameters listed below.**

Proxy and Registration				
Proxy:	<input type="text"/>	Use Outbound Proxy:	yes ▾	Type voip02.go2call.com
Outbound Proxy:	sipnt.go2call.com:5070	Use OB Proxy In Dialog:	yes ▾	
Register:	no ▾	Make Call Without Reg:	yes ▾	
Register Expires:	3600	Ans Call Without Reg:	no ▾	
Use DNS SRV:	no ▾	DNS SRV Auto Prefix:	no ▾	
Proxy Fallback Intvl:	3600			
Subscriber Information				
Display Name:	<input type="text"/>	User ID:	<input type="text"/>	Type your name Type your Go2Call PIN
Password:	<input type="text"/>	Use Auth ID:	yes ▾	
Auth ID:	<input type="text"/>			Type your Go2Call PIN
Mini Certificate:	<input type="text"/>			
SRTP Private Key:	<input type="text"/>			
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 ▾	

Directions continued on following page.

Please continue to customize your browser according to the screen shot below.

Audio Configuration			
Preferred Codec:	G729a	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:	yes	Echo Supp Enable:	yes
G726-24 Enable:	yes	FAX CED Detect Enable:	yes
G726-32 Enable:	yes	FAX CNG Detect Enable:	yes
G726-40 Enable:	yes	FAX Passthru Codec:	G711u
DTMF Tx Method:	Auto	FAX Codec Symmetric:	yes
Hook Flash Tx Method:	None	FAX Passthru Method:	NSE
Release Unused Codec:	yes	FAX Process NSE:	yes

Please note: To enable the IVR of your choice, you will need to fill in the Dial Plan field (not pictured above) on your configuration screen with one of the following options:

- English: S0:723
- French: S0:999
- Polish: S0:666
- Spanish: S0:333



Sipura SPA 1000/2000 Configuration Inbound/Outbound with calling features

- Click "Line 1" tab on main page. This will take you to the SIP User Configuration. If you have a SPA-2000 and are using both phone lines, you will need to complete the following steps for "Line 1" and "Line 2" tabs.
- Fill in your configuration according to the notes in the right-hand margin. For all fields not commented upon in the margin, copy the values from the screen shot. For the Proxy and Outbound Proxy fields, pick the value corresponding to the location of the Go2Call PoP that you use. **Please note that if you are not in admin/advanced mode when accessing the configuration, you will not see all parameters listed below.**

Proxy and Registration			
Proxy:	<input type="text"/>	Use Outbound Proxy:	yes ▾
Outbound Proxy:	<input type="text"/>	Use OB Proxy In Dialog:	yes ▾
Register:	yes ▾	Make Call Without Reg:	no ▾
Register Expires:	3600	Ans Call Without Reg:	no ▾
Use DNS SRV:	no ▾	DNS SRV Auto Prefix:	no ▾
Proxy Fallback Intvl:	3600		
US: pbx02us.go2call.com Brazil: pbx01br.go2call.com Singapore: pbx01ap.go2call.com			
US: alg02us.go2call.com:5070 Brazil: alg01br.go2call.com:5070 Singapore: alg01ap.go2call.com:5070			
Subscriber Information			
Display Name:	<input type="text"/>	User ID:	<input type="text"/>
Password:	<input type="text"/>	Use Auth ID:	yes ▾
Auth ID:	<input type="text"/>		
Mini Certificate:	<input type="text"/>		
SRTP Private Key:	<input type="text"/>		
Type your name			
Type your Go2Call VID			
auth_code			
Type your Go2Call VID			
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 ▾

Directions continued on following page.

Please continue to customize your browser according to the screen shot below

Audio Configuration			
Preferred Codec:	G729a	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:	yes	Echo Supp Enable:	yes
G726-24 Enable:	yes	FAX CED Detect Enable:	yes
G726-32 Enable:	yes	FAX CNG Detect Enable:	yes
G726-40 Enable:	yes	FAX Passthru Codec:	G711u
DTMF Tx Method:	Auto	FAX Codec Symmetric:	yes
Hook Flash Tx Method:	None	FAX Passthru Method:	NSE
Release Unused Codec:	yes	FAX Process NSE:	yes



Sipura SPA 1000/2000 Configuration Basic Inbound/Outbound with no calling features

- Click "Line 1" tab on main page. This will take you to the SIP User Configuration. If you have a SPA-2000 and are using both phone lines, you will need to complete the following steps for "Line 1" and "Line 2" tabs.
- Fill in your configuration according to the notes in the right-hand margin. For all fields not commented upon in the margin, copy the values from the screen shot. **Please note that if you are not in admin/advanced mode when accessing the configuration, you will not see all parameters listed below.**

Proxy and Registration			
Proxy:	<input type="text"/>	Use Outbound Proxy:	yes ▾
Outbound Proxy:	sipnt.go2call.com:5070	Use OB Proxy In Dialog:	yes ▾
Register:	yes ▾	Make Call Without Reg:	no ▾
Register Expires:	3600	Ans Call Without Reg:	no ▾
Use DNS SRV:	no ▾	DNS SRV Auto Prefix:	no ▾
Proxy Fallback Intvl:	3600		
Subscriber Information			
Display Name:	<input type="text"/>	User ID:	<input type="text"/>
Password:	<input type="text"/>	Use Auth ID:	yes ▾
Auth ID:	<input type="text"/>		
Mini Certificate:	<input type="text"/>		
SRTP Private Key:	<input type="text"/>		
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 ▾

Type sipproxy.go2call.com

Type your name

Type your Go2Call DID

Type your Go2Call assigned password

Type your Go2Call DID

Directions continued on following page.



Sipura SPA 1000/2000 Configuration Basic Inbound/Outbound with no calling features - Continued

Please continue to customize your browser according to the screen shot below

Audio Configuration			
Preferred Codec:	G729a	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:	yes	Echo Supp Enable:	yes
G726-24 Enable:	yes	FAX CED Detect Enable:	yes
G726-32 Enable:	yes	FAX CNG Detect Enable:	yes
G726-40 Enable:	yes	FAX Passthru Codec:	G711u
DTMF Tx Method:	Auto	FAX Codec Symmetric:	yes
Hook Flash Tx Method:	None	FAX Passthru Method:	NSE
Release Unused Codec:	yes	FAX Process NSE:	yes