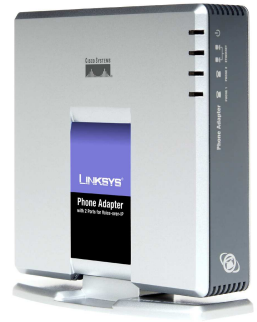


Linksys 3102 - VoIP Config Setup Guide



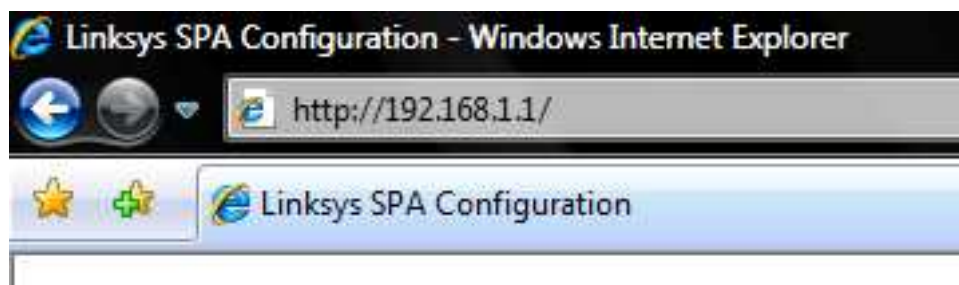
Connecting

Please ensure your ADSL/Broadband connection is already active before you begin.

- Connect an Ethernet cable from your modem/router to the **Internet** port on the **Linksys 3102** VoIP Router.
- Connect an Ethernet cable from your computer to the **Ethernet** port on the **Linksys 3102** VoIP Router.
- Connect the telephone cable from the line port to your ADSL filter/splitter.
- Connect a regular telephone handset to the phone port.
- Connect the power adapter to your **Linksys 3102** VoIP Adapter and turn it on.
- Allow 1-2 minutes for the device to fully power up.

Accessing the Linksys 3102 VoIP router

- Follow these simple steps to configure you **Linksys 3102** VoIP Adapter to connect to the gotalk VoIP service.
- In the address bar type: <http://192.168.1.1> to connect to the Linksys 3102 VoIP Router.



- Log into the Linksys 3102 VoIP Router with the username of "user"
- Password is Blank



The following screen will appear

LINKSYS[®]
A Division of Cisco Systems, Inc.

Linksys Phone Adapter Configuration

Router | Voice

Status | **Wan Setup** | [Admin Login](#) | basic | [advanced](#)

Product Information

Product Name:	SPA-3102	Serial Number:	FM600H219570
Software Version:	3.3.6(GW)	Hardware Version:	1.4.5(a)
MAC Address:	000E08CE1107	Client Certificate:	Installed
Customization:	Open		

System Status

Current Time:	1/1/2003 16:20:10	Elapsed Time:	00:40:24
Wan Connection Type:	DHCP	Current IP:	0.0.0.0
Host Name:	SipuraSPA	Domain:	
Current Netmask:	0.0.0.0	Current Gateway:	0.0.0.0
Primary DNS:			
Secondary DNS:			
LAN IP Address:	192.168.1.1	Broadcast Pkts Sent:	4
Broadcast Bytes Sent:	1368	Broadcast Pkts Recv:	1154
Broadcast Bytes Recv:	108794	Broadcast Pkts Dropped:	0
Broadcast Bytes Dropped:	0		

[Admin Login](#) | basic | [advanced](#)

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- Ensure the Router Is set to DHCP by clicking on WAN

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Linksys Phone Adapter Configuration

Router | Voice

Status | **Wan Setup** | Wan Setup | Application | [User Login](#) | basic | [advanced](#)

Internet Connection Settings:

Connection Type:



NOTE: you must change to the Admin login to open up the settings for both the "Router" and the "Voice" menus; you will need to do this each time you swap from "Router" to "Voice"

- Click "**Admin Login**" to change to the "administrator login"
- "**Admin Login**" is located down left hand bottom of each page, and the Top right hand side of each page

Enlarged View



The screenshot displays the Linksys Phone Adapter Configuration interface. At the top left is the Linksys logo and the text "A Division of Cisco Systems, Inc.". The page title is "Linksys Phone Adapter Configuration". Below the title are tabs for "Router" and "Voice". The "Router" tab is active, and sub-tabs include "Status" and "Wan Setup". In the top right corner, there is a navigation menu with [Admin Login](#), [basic](#), and [advanced](#) links, which is highlighted with a red box. The main content area is divided into two sections: "Product Information" and "System Status".

Product Information			
Product Name:	SPA-3102	Serial Number:	FM600H219570
Software Version:	3.3.6(GW)	Hardware Version:	1.4.5(a)
MAC Address:	000E08CE1107	Client Certificate:	Installed
Customization:	Open		

System Status			
Current Time:	1/1/2003 16:20:10	Elapsed Time:	00:40:24
Wan Connection Type:	DHCP	Current IP:	0.0.0.0
Host Name:	SipuraSPA	Domain:	
Current Netmask:	0.0.0.0	Current Gateway:	0.0.0.0
Primary DNS:			
Secondary DNS:			
LAN IP Address:	192.168.1.1	Broadcast Pkts Sent:	4
Broadcast Bytes Sent:	1368	Broadcast Pkts Recv:	1154
Broadcast Bytes Recv:	108794	Broadcast Pkts Dropped:	0
Broadcast Bytes Dropped:	0		

At the bottom of the page, there are two buttons: "Undo All Changes" and "Submit All Changes". Below these buttons is a red box containing the navigation menu: [Admin Login](#), [basic](#), and [advanced](#). An arrow points from this red box to the enlarged view at the bottom of the page.

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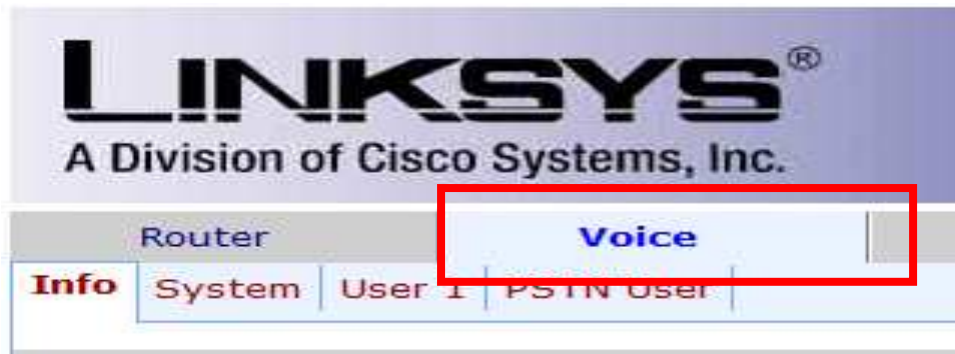


[Admin Login](#) [basic](#) | [advanced](#)

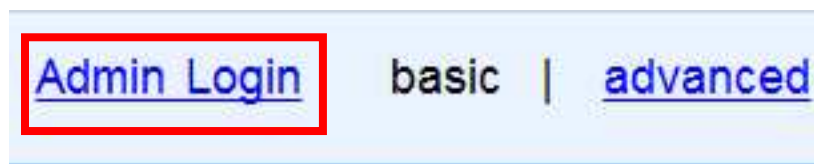
Enlarged View

Setting up VoIP

- Click on the **"Voice"** heading on the top left hand side



- The next step is to change to the Admin menu for the Voice Section by clicking on **"Admin Login"**



- Next click on the **"advanced"** heading, Both of these steps open up more menu settings in the Voice Section



- The following menus will appear

LINKSYS[®]
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Linksys Phone Adapter Configuration

Router **Voice**

Info System SIP Regional Line 1 PSTN Line User 1 PSTN User [User Login](#) basic | [advanced](#)

Product Information

Product Name:	SPA-3102	Serial Number:	FM600H219570
Software Version:	3.3.6(GW)	Hardware Version:	1.4.5(a)
MAC Address:	000E08CE1107	Client Certificate:	Installed
Customization:	Open		

System Status

Current Time:	1/1/2003 13:17:14	Elapsed Time:	01:17:14
RTP Packets Sent:	0	RTP Bytes Sent:	0
RTP Packets Recv:	0	RTP Bytes Recv:	0
SIP Messages Sent:	0	SIP Bytes Sent:	0
SIP Messages Recv:	0	SIP Bytes Recv:	0
External IP:			

Line 1 Status

Hook State:	On	Registration State:	Not Registered
Last Registration At:		Next Registration In:	
Message Waiting:	No	Call Back Active:	No
Last Called Number:		Last Caller Number:	
Mapped SIP Port:			
Call 1 State:	Idle	Call 2 State:	Idle
Call 1 Tone:	None	Call 2 Tone:	None
Call 1 Encoder:		Call 2 Encoder:	
Call 1 Decoder:		Call 2 Decoder:	
Call 1 FAX:		Call 2 FAX:	
Call 1 Type:		Call 2 Type:	
Call 1 Remote Hold:		Call 2 Remote Hold:	



Click on Line1

- Line Enable: Yes
- Sip proxy Port 5060
- Proxy: sip.gotalk.com
- Register: yes
- Register Expires: 240
- Display Name: Username
- Password: must be in CAPS
- Auth ID: Username
- User ID: Username
- Use Auth ID: Yes



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Linksys Phone Adapter Configuration

Router | **Voice** | Info | System | SIP | Regional | **Line 1** | PSTN Line | User 1 | PSTN User | [User Login](#) | basic | [advanced](#)

Line Enable: yes ▾

SIP Settings
SIP Port: 5060

Proxy and Registration
Proxy: sip.gotalk.com

Register: yes ▾ Make Call Without Reg: no ▾
Register Expires: 240 Ans Call Without Reg: no ▾

Subscriber Information
Display Name: 09412345 User ID: 09412345
Password: PASSWORD Use Auth ID: yes ▾
Auth ID: 09449309



- The second account can be set up from the **"PSTN line"** heading, follow the same settings for the first account but change the **"SIP port"** to **5061**

LINKSYS[®]
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Linksys Phone Adapter Configuration

Router **Voice**

Info System SIP Regional Line 1 **PSTN Line** User 1 PSTN User [User Login](#) basic | [advanced](#)

Line Enable:

SIP Settings

SIP Port:

Proxy and Registration

Proxy:

Register: Make Call Without Reg:

Register Expires: Ans Call Without Reg:

Subscriber Information

Display Name: User ID:

Password: Use Auth ID:

Auth ID:

Audio Configuration

Preferred Codec: Silence Supp Enable:

Use Pref Codec Only: FAX CED Detect Enable:

DTMF Tx Method:

[User Login](#) basic | [advanced](#)

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Codecs

- Each account can use its own codec settings, these settings are located at the bottom of the page on both the "**Line 1**" and "**PSTN line**" page
- Click the Drop down box "**Preferred Codec**" to change the codec used, 729A for slower connections and 711alaw for faster connections
- This page also contains the "**DTMF method**" which is set to "**Auto**"

Audio Configuration

Preferred Codec:	G711u	Silence Supp Enable:	no
Use Pref Codec Only:	no	FAX CED Detect Enable:	yes
DTMF Tx Method:	Auto		

Gateway Accounts

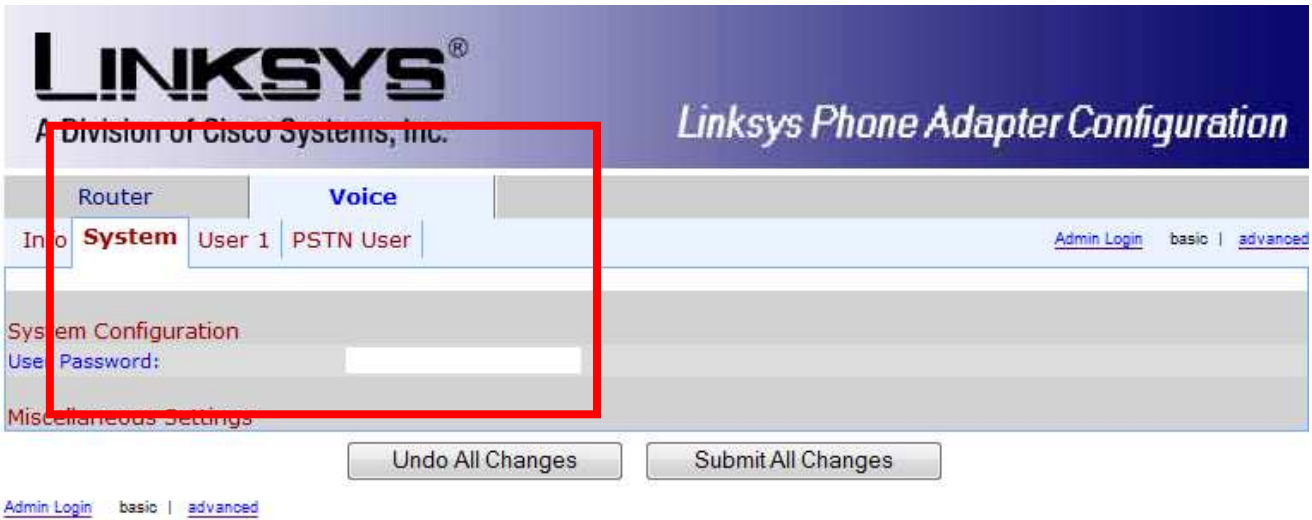
VoIP Fallback To PSTN

[Undo All Changes](#) [Submit All Changes](#)

[User Login](#) [basic](#) | [advanced](#)

- By default the **Linksys 3102** VoIP router does not have a password, to set up a password browse to the "**Voice**" tab and then selected "**System**"
- You can now type a password into the "**user password**" field





- Once you have applied these settings, click on the **“Submit All Changes”** button (located at the bottom of each page) and the router will save all the changes and reboot, you will then be able to make VoIP calls”



Note: you can click the **“Submit All Changes”** button from any screen and it will save and reboot your setting changes.