

## Linksys PAP2 Adapter



**Connect Power Cable**



**Connect Telephone cable**



**Connect Ethernet Cable**

This hard phone is another ATA (analog telephone adaptor). It enables you to connect your POTS (plain old telephone system) phones to the Internet. Think of it as a phone jack for VoIP. It has one ethernet port and two RJ11 phone jacks. This is one of the most feature rich and easy to use ATA that we have tested. Out of the box, it is configured for DHCP. This means that it gets its IP address from your DHCP server automatically. Full documentation can be found at Linksys site

**Step1:** You must first determine what IP address it received. To do this, you need to pick up the phone attached to the Line 1 jack and dial \*\*\*\* (four asterisks) then dial **110 #** and you will be told the IP address of your device (e.g. 192.168.0.100).

**Step2:** Go to any browser equipped computer on your network and enter the address: <http://<IP ADDRESS>/> (where <IP ADDRESS> is replaced by the address that was given to you in STEP 1.

### **Step 3: Voice Commands**

To hear the current settings for: DHCP : **press 100#** IP Address: **press 110#**  
Network Mask: **press 120#** Gateway IP Address: **press 130#**

- a. To Enable/Disable DHCP:  
**press 101#**  
Enter 1 to enable or 0 to disable
- b. To Set Static IP Address  
**press 111#**  
Enter IP address using numbers on the telephone key pad. Use the \*(star) key when entering a decimal point.
- c. Set Network Mask  
**press 121#**  
Enter value using numbers on the telephone key pad. Use the \* (star) key when entering a decimal point.
- d. Set Static Gateway IP Address  
**press 131#**  
Enter IP address using numbers on the telephone key pad. Use the \*(star) key when entering a decimal point.

**Step 4:** If you like to configure static IP that can be done by making DHCP option NO and then configuring IP address, Netmask and Gateway information.

<b>Internet Connection Type</b>			
DHCP:	<input type="text" value="no"/>		
Static IP:	<input type="text" value="192.168.1.100"/>	NetMask:	<input type="text" value="255.255.255.0"/>
Gateway:	<input type="text" value="192.168.1.1"/>		
<b>Optional Network Configuration</b>			
HostName:	<input type="text"/>	Domain:	<input type="text"/>
Primary DNS:	<input type="text" value="66.208.2.2"/>	Secondary DNS:	<input type="text" value="66.208.1.2"/>
DNS Server Order:	<input type="text" value="Manual"/>	DNS Query Mode:	<input type="text" value="Parallel"/>
Syslog Server:	<input type="text"/>	Debug Server:	<input type="text"/>

**Step 5:** Make sure you are logged in to Admin login and in Advanced mode and see all these options.

Info	<b>System</b>	SIP	Provisioning	Regional	Line 1	Line 2	User 1	User 2	<a href="#">User Login</a>	<a href="#">basic</a>	<a href="#">advanced</a>
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### Configuration of Sipura 2000 for outbound calls

Username and password can be obtained from reseller.

Info	System	SIP	Provisioning	Regional	<b>Line 1</b>	Line 2	User 1	User 2	<a href="#">User Login</a>	<a href="#">basic</a>	<a href="#">advanced</a>
<b>Proxy and Registration</b>											
Proxy:	<input type="text" value="www.cyberspeaking.co"/>	Use Outbound Proxy:	<input type="text" value="no"/>								
Outbound Proxy:	<input type="text" value="ww.cyberspeaking.com"/>	Use OB Proxy In Dialog:	<input type="text" value="no"/>								
Register:	<input type="text" value="yes"/>	Make Call Without Reg:	<input type="text" value="no"/>								
Register Expires:	<input type="text" value="60"/>	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"/>										
<b>Subscriber Information</b>											
Display Name:	<input type="text" value="DID"/>	User ID:	<input type="text" value="DID"/>								
Password:	<input type="text" value="*****"/>	Use Auth ID:	<input type="text" value="yes"/>								
Auth ID:	<input type="text" value="DID"/>										

## Configuration of Sipura 2000 for DID (Bi-directional calls)

DID will be assigned by the Reseller

Proxy and Registration			
Proxy:	<input type="text" value="www.cyberspeaking.co"/>	Use Outbound Proxy:	<input type="checkbox" value="yes"/>
Outbound Proxy:	<input type="text" value="www.cyberspeaking.com"/>	Use OB Proxy In Dialog:	<input type="checkbox" value="no"/>
Register:	<input type="checkbox" value="no"/>	Make Call Without Reg:	<input type="checkbox" value="yes"/>
Register Expires:	<input type="text" value="60"/>	Ans Call Without Reg:	<input type="checkbox" value="no"/>
Use DNS SRV:	<input type="checkbox" value="no"/>	DNS SRV Auto Prefix:	<input type="checkbox" value="no"/>
Proxy Fallback Intvl:	<input type="text" value="3600"/>		
Subscriber Information			
Display Name:	<input type="text" value="User"/>	User ID:	<input type="text" value="username"/>
Password:	<input type="text" value="password"/>	Use Auth ID:	<input type="checkbox" value="no"/>
Auth ID:	<input type="text"/>		

## Codec Config

Audio Configuration			
Preferred Codec:	<input type="text" value="G729a"/>	Silence Supp Enable:	<input type="checkbox" value="no"/>
Use Pref Codec Only:	<input type="checkbox" value="yes"/>	Echo Canc Enable:	<input type="checkbox" value="yes"/>

## Save changes and make calls

Click on the "Save Settings" button at the bottom of the Page.

**Note: Same configuration goes for Line 2 with different username or DID**