

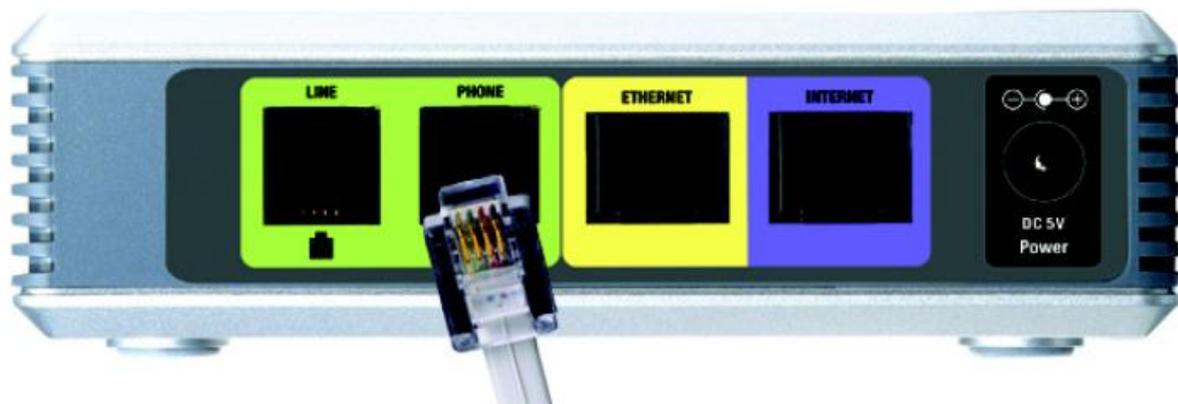
# IBRANTA BOX CONFIGURATION

**1/** Connect the wall phone socket of your home or the port "Phone" of your internet access (*If the wall phone socket is already connected to your internet access*) on the port "LINE" of your IBRANTA box.

**Warning:** This connection enables you to make and receive calls from your national operator, if you do not have a landline number from your national operator, do not connect anything to this port. In this case you can only make and receive unlimited IBRANTA calls.



**2/** Connect your landline to the port "**PHONE**" using the phone cable included in your IBRANTA box



**3/** Connect the port "**INTERNET**" of your IBRANTA box to your internet access using the Ethernet cable included in your IBRANTA box.



4/ Connect electrically your IBRANTA box.



5/ At this step, the second light on your IBRANTA box should turn green. If this is not the case, make sure your IBRANTA box has direct access to the internet without using a proxy.



6/ Connect the Ethernet port of your computer to the socket "ETHERNET" of your IBRANTA box using another Ethernet cable (Check that your computer's network card is in DHCP mode so that the IBRANTA box automatically assigns you an IP address).



7/ From the computer connected to the port "ETHERNET" of your IBRANTA box, open a web page and type the following address => <http://192.168.0.1/admin/voice/advanced>

# You are now connected to your IBRANTA box

1/ In the tab "WAN SETUP", under the section "Router" select "DHCP" in the field "Connection Type".

The screenshot shows the Linksys Phone Adapter Configuration interface. At the top, the Linksys logo and "A Division of Cisco Systems, Inc." are on the left, and "Linksys Phone Adapter Configuration" is on the right. Below the logo, there are two tabs: "Router" and "Voice". The "Router" tab is selected and circled in red. Underneath, there are four sub-tabs: "Status", "Wan Setup", "Lan Setup", and "Application". The "Wan Setup" tab is selected and circled in red. In the top right corner, there are links for "User Login", "basic", and "advanced". The main content area is titled "Internet Connection Settings" and contains a "Connection Type:" label with a dropdown menu set to "DHCP", which is circled in red.

2/ In the "SIP" tab, under the section "VOICE":

- In the field "RTP Port Min:", enter "10000"
- In the field "RTP Port Max:", enter "20000"
- In the field "RTP Packet Size:", enter "0.020"
- In the field "NAT Keep Alive Intvl:", enter "15"

The screenshot shows the "RTP Parameters" section. It contains several input fields and dropdown menus. The "RTP Port Min:" field has the value "10000" and is circled in red. The "RTP Port Max:" field has the value "20000" and is circled in red. The "RTP Packet Size:" field has the value "0.020" and is circled in red. Other fields include "RTCP Tx Interval:" (0), "Stats In BYE:" (no), "Max RTP ICMP Err:" (0), and "No UDP Checksum:" (no).

The screenshot shows the "NAT Support Parameters" section. It contains several dropdown menus and input fields. The "NAT Keep Alive Intvl:" field has the value "15" and is circled in red. Other fields include "Handle VIA received:" (no), "Insert VIA received:" (no), "Substitute VIA Addr:" (no), "STUN Enable:" (no), "STUN Server:" (empty), "EXT RTP Port Min:" (empty), "Handle VIA rport:" (no), "Insert VIA rport:" (no), "Send Resp To Src Port:" (no), and "STUN Test Enable:" (no).

Undo All Changes    Submit All Changes

3/ In the field "Ring1 Cadence:" under the section "Regional", enter "60(1.5/3)"

Distinctive Ring Patterns			
Ring1 Cadence:	60(1.5/3)	Ring2 Cadence:	60(.8/.4,.8/4)
Ring3 Cadence:	60(.4/.2,.4/.2,.8/4)	Ring4 Cadence:	60(.3/.2,1/.2,.3/4)
Ring5 Cadence:	1(.5/.5)	Ring6 Cadence:	60(.2/.4,.2/.4,.2/4)
Ring7 Cadence:	60(.4/.2,.4/.2,.4/4)	Ring8 Cadence:	60(0.25/9.75)

Under the section "Vertical Service Activation Codes", delete all values and leave blank all fields as shown below.

Vertical Service Activation Codes			
Call Return Code:		Call Redial Code:	
Blind Transfer Code:		Call Back Act Code:	
Call Back Deact Code:		Call Back Busy Act Code:	
Cfwd All Act Code:		Cfwd All Deact Code:	
Cfwd Busy Act Code:		Cfwd Busy Deact Code:	
Cfwd No Ans Act Code:		Cfwd No Ans Deact Code:	
Cfwd Last Act Code:		Cfwd Last Deact Code:	
Block Last Act Code:		Block Last Deact Code:	
Accept Last Act Code:		Accept Last Deact Code:	
CW Act Code:		CW Deact Code:	
CW Per Call Act Code:		CW Per Call Deact Code:	
Block CID Act Code:		Block CID Deact Code:	
Block CID Per Call Act Code:		Block CID Per Call Deact Code:	
Block ANC Act Code:		Block ANC Deact Code:	
DND Act Code:		DND Deact Code:	
CID Act Code:		CID Deact Code:	
CWCID Act Code:		CWCID Deact Code:	
Dist Ring Act Code:		Dist Ring Deact Code:	
Speed Dial Act Code:		Secure All Call Act Code:	
Secure No Call Act Code:		Secure One Call Act Code:	
Secure One Call Deact Code:		Conference Act Code:	
Attn-Xfer Act Code:		Modem Line Toggle Code:	
FAX Line Toggle Code:			
Referral Services Codes:			
Feature Dial Services Codes:			

4/ In the tab "Line 1":

- In the field "SIP Port:" enter "5060"
- In the field "Proxy:" enter "sip.ibranta.com"
- In the field "Display Name:» and "User ID:" enter your IBRANTA phone number "077XXXXXXXXXX"
- In the field "Password:", enter your SIP password associated at your IBRANTA phone number, available under the section "MY LINE" of your account
- In the field "Preferred Codec:" select only "G729" and nothing else.

- Select "yes" in the field "NAT Keep Alive Enable:"

- Select "No" in the field "Auto PSTN Fallback:"

- Insert the text "(077xxxxxxxxxS0 | xx <: @ gw0>.)" In the field "Dial Plan:". This line is used to route unlimited IBRANTA calls on internet and all other calls (*national calls, international, emergency number, etc.*) through your national telecom operator.

NAT Settings			
NAT Mapping Enable:	no	NAT Keep Alive Enable:	yes
NAT Keep Alive Msg:	\$NOTIFY	NAT Keep Alive Dest:	\$PROXY

SIP Settings			
SIP Port:	5060	SIP 100REL Enable:	no
EXT SIP Port:		Auth Resync-Reboot:	yes
SIP Proxy-Require:		SIP Remote-Party-ID:	yes
SIP GUID:	no	SIP Debug Option:	none
RTP Log Intvl:	0	Restrict Source IP:	no
Referor Bye Delay:	4	Refer Target Bye Delay:	0
Referee Bye Delay:	0	Refer-To Target Contact:	no
Sticky 183:	no		

Call Feature Settings	
Blind Attn-Xfer Enable:	no
Xfer When Hangup Conf:	yes
MOH Server:	

Proxy and Registration			
Proxy:	sip.ibranta.com		
Outbound Proxy:			
Use Outbound Proxy:	no	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	Proxy Redundancy Method:	Normal
Voice Mail Server:		Mailbox Subscribe Expires:	2147483647

Subscriber Information			
Display Name:	077xxxxxxxxx	User ID:	077xxxxxxxxx
Password:	*****	Use Auth ID:	no
Auth ID:			

Audio Configuration			
Preferred Codec:	G729	Silence Supp Enable:	no
Use Pref Codec Only:	no	Silence Threshold:	medium

VoIP Fallback To PSTN	
Auto PSTN Fallback:	no

Dial Plan	
Dial Plan:	(077xxxxxxxxxS0 xx.<:@gw0>.)
Enable IP Dialing:	no
Emergency Number:	

5/ In the tab « **PSTN Line** » :

In the fields "VoIP-To-PSTN Gateway Enable:" and "PSTN-To-VoIP Gateway Enable:" select "yes"

**Note:** (These two values are important because they enable you to centralize IBRANTA calls and calls from your national telecom operator)

VoIP-To-PSTN Gateway Setup			
VoIP-To-PSTN Gateway Enable:	yes	VoIP Caller Auth Method:	none
VoIP PIN Max Retry:	3	One Stage Dialing:	yes
Line 1 VoIP Caller DP:	1	VoIP Caller Default DP:	1
Line 1 Fallback DP:	none		
VoIP Caller ID Pattern:			
VoIP Access List:			
VoIP Caller 1 PIN:		VoIP Caller 1 DP:	1
VoIP Caller 2 PIN:		VoIP Caller 2 DP:	1
VoIP Caller 3 PIN:		VoIP Caller 3 DP:	1
VoIP Caller 4 PIN:		VoIP Caller 4 DP:	1
VoIP Caller 5 PIN:		VoIP Caller 5 DP:	1
VoIP Caller 6 PIN:		VoIP Caller 6 DP:	1
VoIP Caller 7 PIN:		VoIP Caller 7 DP:	1
VoIP Caller 8 PIN:		VoIP Caller 8 DP:	1
VoIP Users and Passwords (HTTP Authentication)			
VoIP User 1 Auth ID:		VoIP User 1 DP:	1
VoIP User 1 Password:			
VoIP User 2 Auth ID:		VoIP User 2 DP:	1
VoIP User 2 Password:			
VoIP User 3 Auth ID:		VoIP User 3 DP:	1
VoIP User 3 Password:			
VoIP User 4 Auth ID:		VoIP User 4 DP:	1
VoIP User 4 Password:			
VoIP User 5 ID Auth ID:		VoIP User 5 DP:	1
VoIP User 5 Password:			
VoIP User 6 Auth ID:		VoIP User 6 DP:	1
VoIP User 6 Password:			
VoIP User 7 Auth ID:		VoIP User 7 DP:	1
VoIP User 7 Password:			
VoIP User 8 Auth ID:		VoIP User 8 DP:	1
VoIP User 8 Password:			
PSTN-To-VoIP Gateway Setup			
PSTN-To-VoIP Gateway Enable:	yes	PSTN Caller Auth Method:	none
PSTN Ring Thru Line 1:	yes	PSTN PIN Max Retry:	3

6/ For all other tabs and input fields, leave the default values.

7/ Click "**Submit All Changes**" to save and apply your configuration.

International Control			
FXO Port Impedance:	600	Ring Frequency Min:	10
SPA To PSTN Gain:	0	Ring Frequency Max:	100
PSTN To SPA Gain:	0	Ring Validation Time:	256 ms
Tip/Ring Voltage Adjust:	3.5 V	Ring Indication Delay:	512 ms
Operational Loop Current Min:	10 mA	Ring Timeout:	640 ms
On-Hook Speed:	Less than 0.5 ms	Ring Threshold:	13.5-16.5 Vrms
Current Limiting Enable:	no	Ringer Impedance:	High (Normal)
Line-In-Use Voltage:	30		

At this step, the 3rd light of your IBRANTA box should turn green. If the light is not on, check the IBRANTA phone number and the SIP password associated, then click again on "**Submit All Changes**". If the 3rd light turns green, you can then disconnect the Ethernet cable linking your computer to your IBRANTA box.



You are now ready to receive free unlimited calls on your landline from anywhere in the world via your phone number IBRANTA. Obtaining an IBRANTA phone number and receiving calls are free and without commitments.