



## Linksys Phone Adapter Configuration

Router

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

Line Enable: yes

**NAT Settings**

NAT Mapping Enable:	yes	NAT Keep Alive Enable:	yes
NAT Keep Alive Msg:	\$NOTIFY	NAT Keep Alive Dest:	\$PROXY

**Network Settings**

SIP ToS/DiffServ Value:	0x68	SIP CoS Value:	3	[0-7]
RTP ToS/DiffServ Value:	0xb8	RTP CoS Value:	6	[0-7]
Network Jitter Level:	high	Jitter Buffer Adjustment:	up and down	

**SIP Settings**

SIP Transport:	UDP	SIP Port:	5061
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
Auth INVITE:	no	Use Anonymous With RPID:	yes
Use Local Addr In FROM:	no		

**Proxy and Registration**

Proxy:	sip.iptel.org		
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

**Subscriber Information**

Display Name:	xxxx	User ID:	xxxxxxxx
Password:	*****	Use Auth ID:	no
Auth ID:	xxxxxxxx		
Mini Certificate:			
SRTP Private Key:			

**Audio Configuration**

Preferred Codec:	G711u	Silence Supp Enable:	no
Use Pref Codec Only:	no	Echo Canc Enable:	yes
G729a Enable:	yes	Echo Canc Adapt Enable:	yes
G723 Enable:	yes	Echo Supp Enable:	yes
G726-16 Enable:	yes	FAX CED Detect Enable:	yes
G726-24 Enable:	yes	FAX CNG Detect Enable:	yes
G726-32 Enable:	yes	FAX Passthru Codec:	G711u
G726-40 Enable:	yes	FAX Codec Symmetric:	yes
DTMF Process INFO:	yes	FAX Passthru Method:	NSE

DTMF Process AVT:	yes	DTMF Tx Method:	Auto
DTMF Tx Mode:	Strict	DTMF Tx Strict Hold Off Time:	40
Release Unused Codec:	yes	FAX Process NSE:	yes
Symmetric RTP:	yes	FAX Disable ECAN:	no
Audio Dump Option1:	none	Audio Dump Option2:	none

**Dial Plans**

Dial Plan 1:	(xx.)
Dial Plan 2:	(xx.)
Dial Plan 3:	(xx.)
Dial Plan 4:	(xx.)
Dial Plan 5:	(xx.)
Dial Plan 6:	(xx.)
Dial Plan 7:	(xx.)
Dial Plan 8:	(xx.)

**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
PSTN CID For VoIP CID:	no	PSTN CID Number Prefix:	
PSTN Caller Default DP:	1	Off Hook While Calling VoIP:	no
Line 1 Signal Hook Flash To PSTN:	Disabled	PSTN CID Name Prefix:	
PSTN Caller ID Pattern:			
PSTN Access List:			
PSTN Caller 1 PIN:		PSTN Caller 1 DP:	1
PSTN Caller 2 PIN:		PSTN Caller 2 DP:	1
PSTN Caller 3 PIN:		PSTN Caller 3 DP:	1

PSTN Caller 4 PIN:	PSTN Caller 4 DP:	1
PSTN Caller 5 PIN:	PSTN Caller 5 DP:	1
PSTN Caller 6 PIN:	PSTN Caller 6 DP:	1
PSTN Caller 7 PIN:	PSTN Caller 7 DP:	1
PSTN Caller 8 PIN:	PSTN Caller 8 DP:	1

**FXO Timer Values (sec)**

VoIP Answer Delay:	0	VoIP PIN Digit Timeout:	10
PSTN Answer Delay:	16	PSTN PIN Digit Timeout:	10
PSTN-To-VoIP Call Max Dur:	0	PSTN Ring Thru Delay:	1
VoIP-To-PSTN Call Max Dur:	0	PSTN Ring Thru CWT Delay:	3
VoIP DLG Refresh Intvl:	0	PSTN Ring Timeout:	5
PSTN Dialing Delay:	1	PSTN Dial Digit Len:	.1/.1
PSTN Hook Flash Len:	.25		

**PSTN Disconnect Detection**

Detect CPC:	yes	Detect Polarity Reversal:	yes
Detect PSTN Long Silence:	no	Detect VoIP Long Silence:	no
PSTN Long Silence Duration:	30	VoIP Long Silence Duration:	30
PSTN Silence Threshold:	medium	Min CPC Duration:	0.2
Detect Disconnect Tone:	yes		
Disconnect Tone:	480@-30,620@-30;4(.25/.25/1+2)		

**International Control**

FXO Port Impedance:	270+750  150nF	Ring Frequency Min:	10
Dtmf Playback Level:	-7.3	Dtmf Playback Twist:	1.3
SPA To PSTN Gain:	0	Ring Frequency Max:	90
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		

Undo All Changes

Submit All Changes

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