

# Setting up your home phone on your BYO modem

When your home phone service is activated – we will send you an email with the username and password required to set up the phone service on your modem.

## Home Phone Settings

Different modem manufacturers may use different titles for the following. Please check with us if you're unsure.

- **SIP Server:** 203.23.236.96
- **Outbound Proxy:** 203.23.236.96
- **Port:** 5060
- **SIP User ID:** *provided in the email*
- **Authentication ID:** *provided in the email*
- **Authenticate Password:** *provided in the email*
- **NAT Traversal:** Keep-Alive
- **Enable SIP Options Keep Alive:** Yes
- **SIP Transport:** UDP, unless modem is 4G then TCP.

- **Preferred Vocoder/Codec Preference:** G711 or PCMA otherwise chose G729

**Note:** Other devices may ask for details such as **Authentication Number or other numbers**. Always use your **SIP Username** (provided in the email) and **NOT** your telephone number.

## Setting up your modem with voice capabilities

Below is an example of a modem gateway with voice capabilities. If your modem is not voice-capable, you will not be able to set up the phone service. Please check with the modem manufacturer if you're unsure.

1. Using an internet browser, access the main page of the router and look for **'Voice'**, **'VoIP'**, or **'Phone'** setup. Below is a sample page for a TP-Link modem.

Profile Name	Registrar Address	Phone Number	Status	Remove	Edit

2. Click the **'Add'** button to allow you to add a new phone service.

Status
Quick Setup
Network
DHCP Server
Wireless
Voice
SIP Account
Dial Plan
Phone Setup
Advanced Setup
Speed Dial
Call Log
Call Firewall
USB Voice Mail
USB Settings
Route Settings
Forwarding
Parent Control
Firewall
Bandwidth Control

Voice – SIP Account

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**SIP Account Basic**

Profile Name	<input style="width: 100%; border: 1px solid #ccc; padding: 2px;" type="text" value="SpinTel"/>	Phone Number	<input style="width: 100%; border: 1px solid #ccc; padding: 2px;" type="text" value="SIP User ID"/>
Display Name	<input style="width: 100%; border: 1px solid #ccc; padding: 2px;" type="text"/>	Authentication Realm	<input style="width: 100%; border: 1px solid #ccc; padding: 2px;" type="text"/>
Authentication ID	<input style="width: 100%; border: 1px solid #ccc; padding: 2px;" type="text" value="SIP User ID"/>	Password	<input style="width: 100%; border: 1px solid #ccc; padding: 2px;" type="text"/>
Registrar Address	<input style="width: 100%; border: 1px solid #ccc; padding: 2px;" type="text" value="203.23.236.96"/>	Registrar Port	<input style="width: 100%; border: 1px solid #ccc; padding: 2px;" type="text" value="5060"/>
SIP Proxy	<input style="width: 100%; border: 1px solid #ccc; padding: 2px;" type="text" value="203.23.236.96"/>	SIP Proxy Port	<input style="width: 100%; border: 1px solid #ccc; padding: 2px;" type="text" value="5060"/>
Outbound Proxy	<input style="width: 100%; border: 1px solid #ccc; padding: 2px;" type="text" value="203.23.236.96"/>	Outbound Proxy Port	<input style="width: 100%; border: 1px solid #ccc; padding: 2px;" type="text" value="5060"/>
<input checked="" type="checkbox"/> Register via Outbound Proxy			

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**SIP Account Advanced**

Preferred Receive Ptime	<input style="width: 20px; border: 1px solid #ccc;" type="text" value="20"/>	Priority	<input style="width: 20px; border: 1px solid #ccc;" type="text" value="4"/>
Incoming Call Route	<input style="width: 100px; border: 1px solid #ccc;" type="text" value="All"/>	MWI	<input style="width: 100px; border: 1px solid #ccc;" type="text" value="Disable"/>

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**Preferred Codec**

Preferred Codec 1	<input style="width: 100px; border: 1px solid #ccc;" type="text" value="G.711MuLaw"/>	Preferred Codec 2	<input style="width: 100px; border: 1px solid #ccc;" type="text" value="G.711ALaw"/>
Preferred Codec 3	<input style="width: 100px; border: 1px solid #ccc;" type="text" value="G.729a/b"/>	Preferred Codec 4	<input style="width: 100px; border: 1px solid #ccc;" type="text" value="G.726_32"/>

3. After saving your setup, your home phone service will attempt to connect. You will know it is successful when you can see the status as 'Up' or, for some devices, '**Registered**'.

Status
Quick Setup
Network
DHCP Server
Wireless
Voice
SIP Account
Dial Plan

SIP Account List

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Maximum 8 entries can be configured.

Profile Name	Registrar Address	Phone Number	Status	Remove	Edit
100	████████	100	Up	<input style="width: 20px; height: 20px; border: 1px solid #ccc;" type="button" value="Remove"/>	<input style="width: 20px; height: 20px; border: 1px solid #ccc;" type="button" value="Edit"/>

Once the phone service is connected, you should have dial tone and be able to make an outgoing call. Please read this [article](#) for further troubleshooting steps.

*Start a conversation with us online by clicking on the [chat icon](#) on the SpinTel website for further help.*

Online URL:

<https://articles.spintel.net.au/article/setting-up-your-home-phone-on-your-byo-modem.html>