Grandstream HT503 Configuration Guide for FreePhoneLine
Software Version: 1.0.12.1

Official FPL guidelines you can find at: http://support.freephoneline.ca/entries/23120323-VoIP-Unlock-Key-Credentials

All the settings were default on the device before configuration.

Step 1.

Plug all the appropriate wires to your Grandstream HT503 device.

- Internet cable ***[Note: Connect Ethernet cable to WAN port of your Grandstream HT503 device and another end to your Internet rack/router]***
- Phone line (attached to the phone) ***[Note: Use Phone1 port]***
- Power

Step 2.

By default settings Grandstream HT503 WAN access is disabled.
You have to enable this setting before you access web-based utility.
From the phone attached to Grandstream HT503 device:

- Dial '***' (to access IVR menu)
- Then dial '12' (to check your WAN Port Web Access status)
- Then press '9' (to toggle between enable/disable) *[Note: Your WAN Port Web Access should be enabled]*
- Hang up the phone

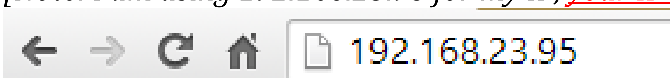
Now, you have to figure out IP address to access web-based utility. From your phone dial:

- '***'
- Then dial '02'

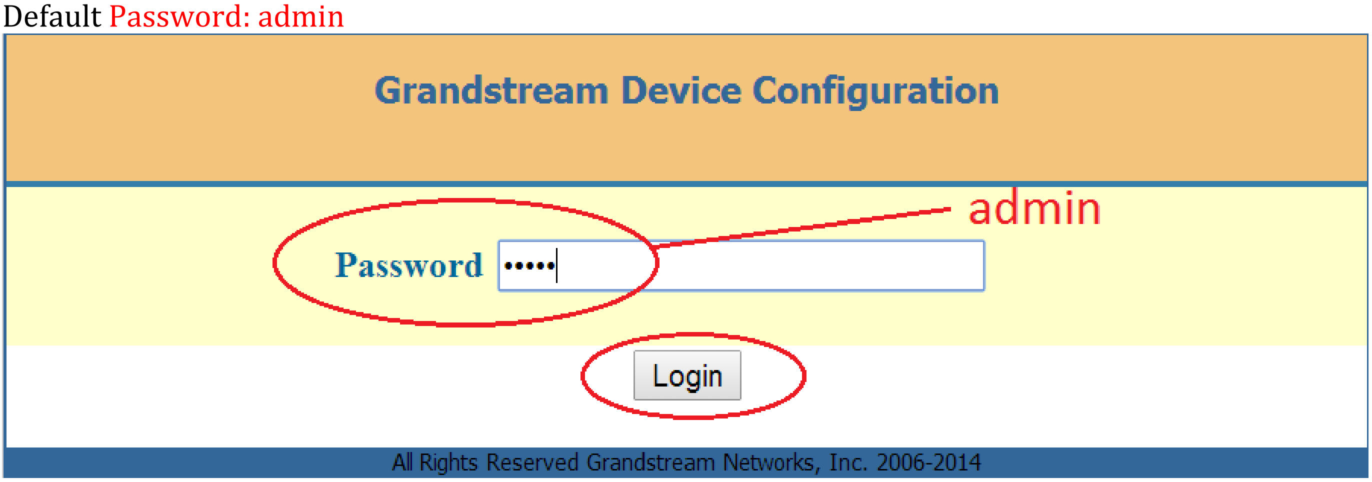
Write down your IP address.

Step 3.

On the PC/Mac connected to the same network as your Grandstream HT503 device, go to your browser (Internet Explorer; Chrome; Firefox; Opera; Safari, etc.).
In the URL bar put your IP address from Step 2.
[Note: I am using 192.168.23.95 for my IP, your IP address might be different!]



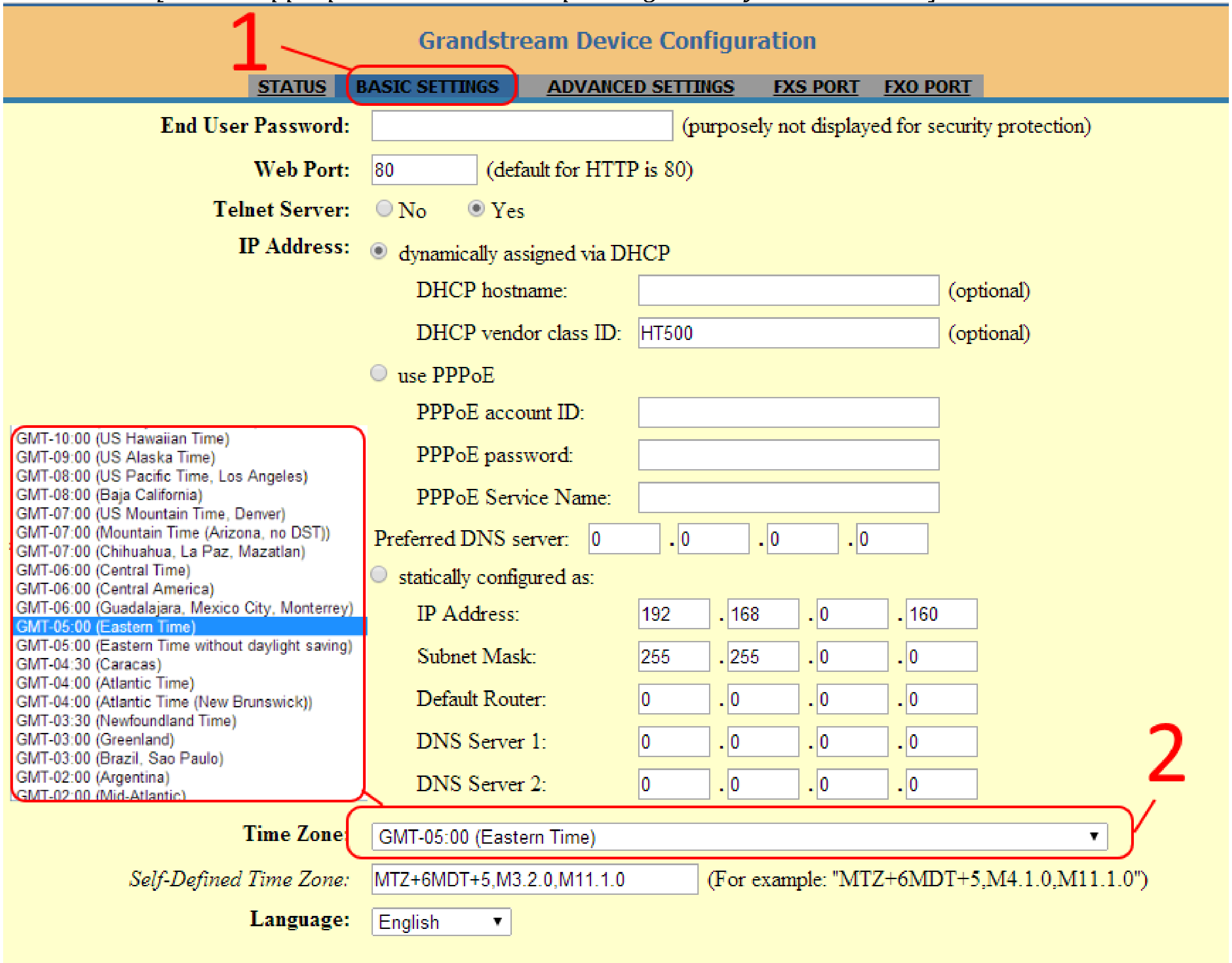
Web-based utility will appear.
Now you have to login.
Default Password: admin



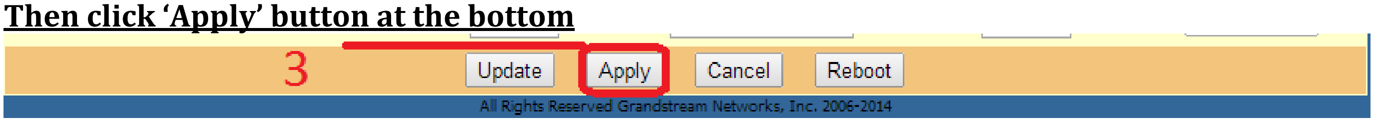
Step 4.

Go to 'BASIC SETTINGS' tab and fill in the following settings:

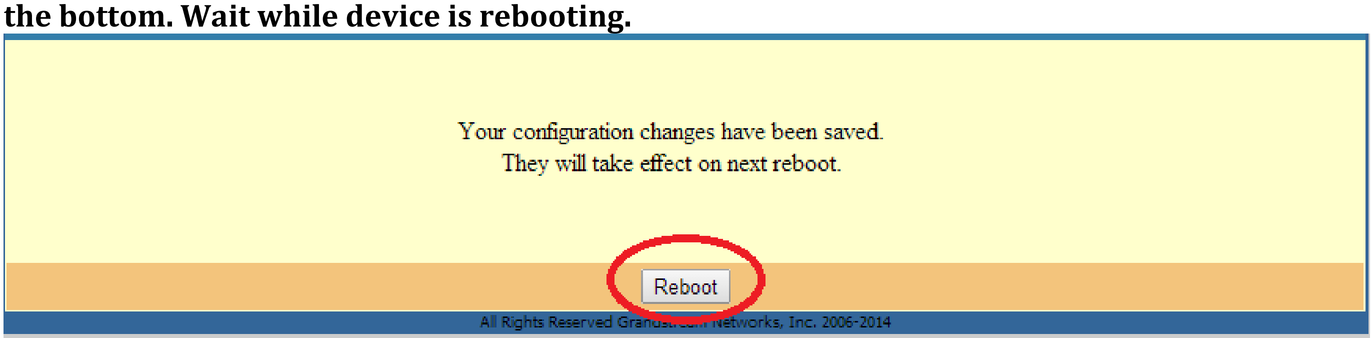
Time Zone: *[Choose appropriate time zone, depending where you are located]*



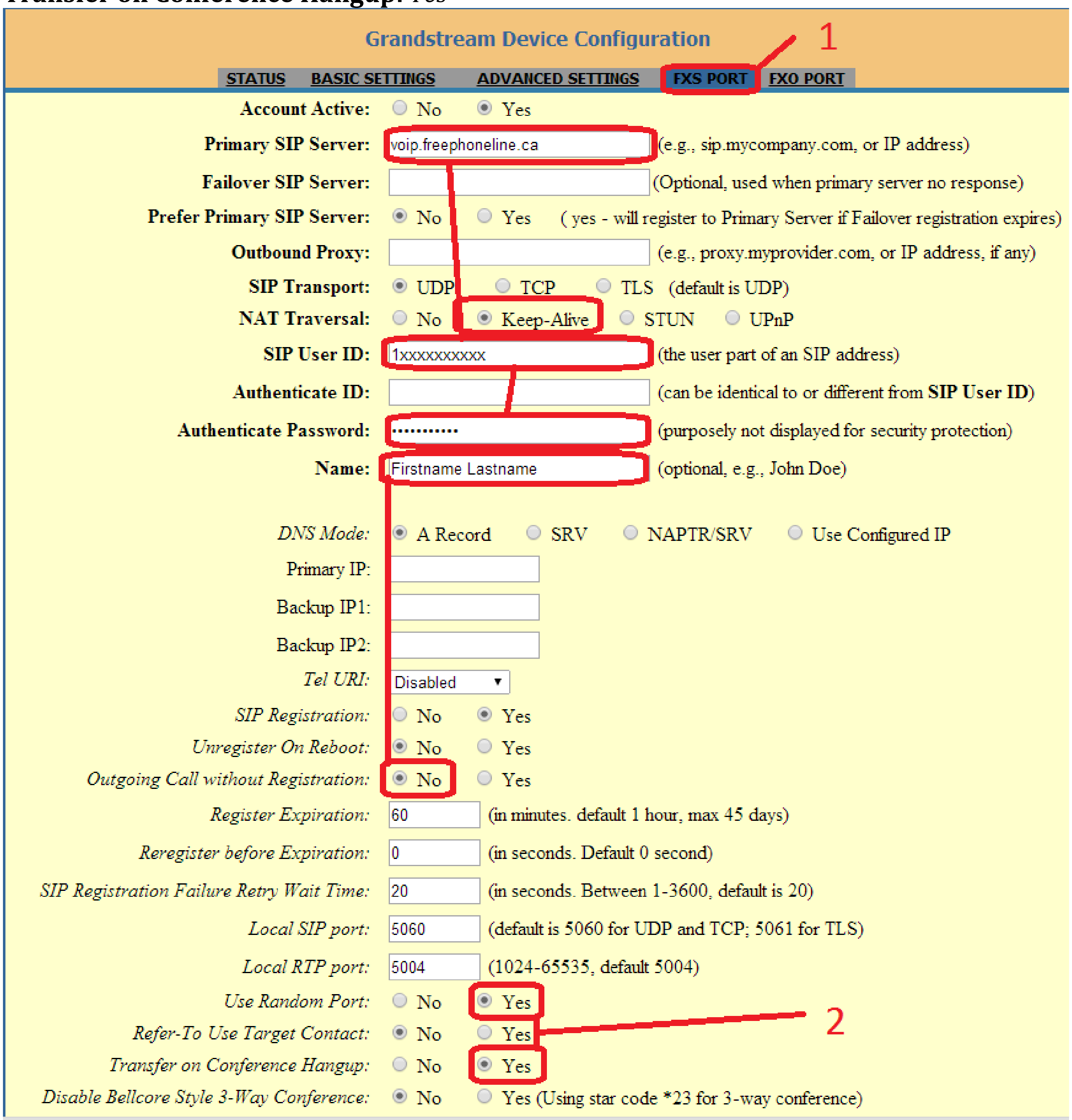
Then click 'Apply' button at the bottom



After you click 'Apply' button, device should ask you to reboot. If so – click on 'Reboot' button to apply the changes you have made. If it doesn't – go back to 'BASIC SETTINGS' tab and click 'Reboot' button at the bottom. Wait while device is rebooting.



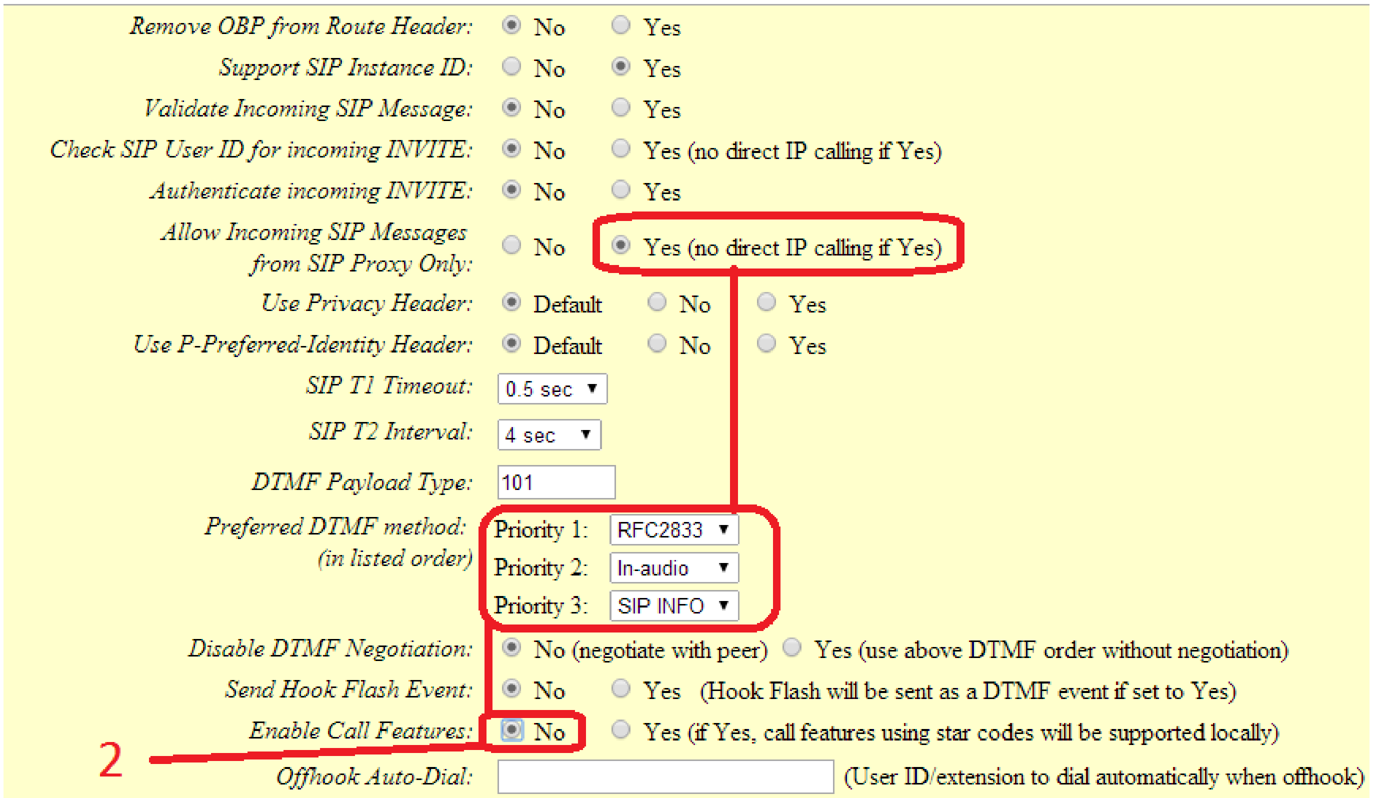
Step 5.
Go to ‘FXS PORT’ tab and change the following settings:
Primary SIP Server: *voip.freephoneline.ca* **OR** *voip2.freephoneline.ca* **[Note: ROGERS Internet provider customers - use *voip4.freephoneline.ca:6060*]**
NAT Traversal: *Keep-Alive*
SIP User ID: *[Your FPL number 1xxxxxxxxxx]*
Authenticate Password: *[Your SIP password]*
Name: *[Your first and last name]*
Outgoing Call without Registration: *No*
Use Random Port: *Yes*
Transfer on Conference Hangup: *Yes*



Allow Incoming SIP Messages from SIP Proxy Only: *Yes*
Preferred DTMF method: (in listing order)

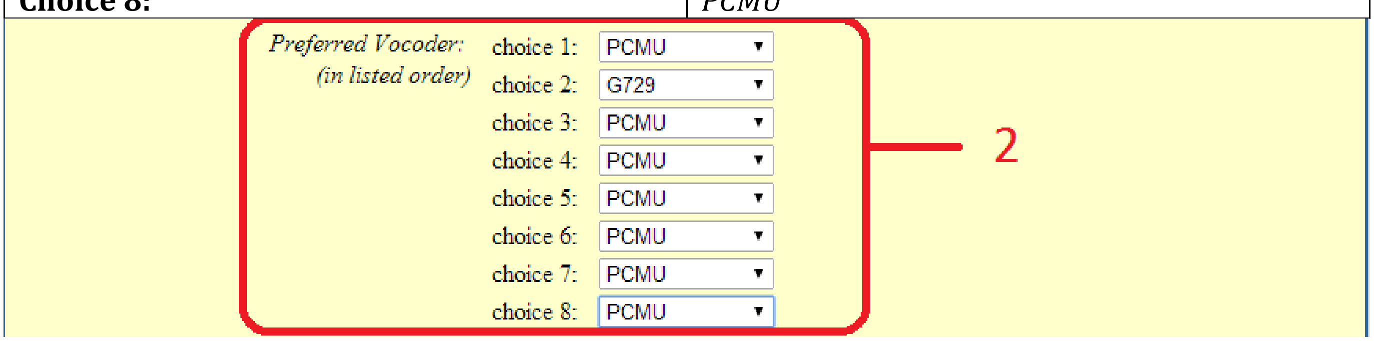
Priority 1:	*RFC2833*
Priority 2:	*In-audio*
Priority 3:	*SIP INFO*

Enable Call Features: *No*

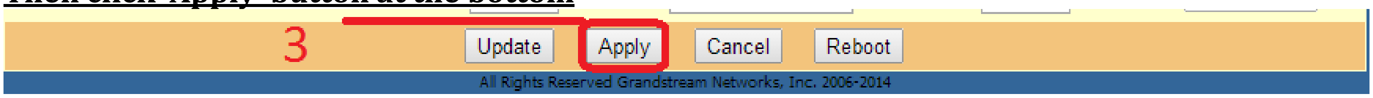


Preferred Vocoder: (in listed order):

Choice 1:	*PCMU*
Choice 2:	*G729*
Choice 3:	*PCMU*
Choice 4:	*PCMU*
Choice 5:	*PCMU*
Choice 6:	*PCMU*
Choice 7:	*PCMU*
Choice 8:	*PCMU*



<u>Then click 'Apply' button at the bottom</u>

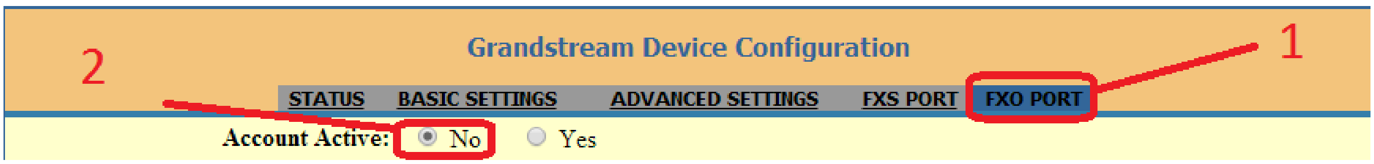


The device might not ask you for reboot. In this case – after you applied changes, go back to 'FXS PORT' tab and click 'Reboot' at the bottom. Wait while device is rebooting.

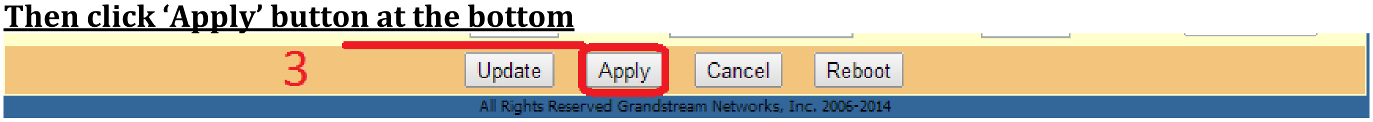
<u>Step 6.</u>

Go to 'FXO PORT' tab and change the following settings:

Account Active: *No*



<u>Then click 'Apply' button at the bottom</u>



The device might not ask you for reboot. In this case – after you applied changes, go back to 'FXO PORT' tab and click 'Reboot' at the bottom. Wait while device is rebooting.

Enjoy your free phone line! ☺