

# Tiptel 31XX IP Phone Configuration Guide

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# Introduction

This guide has been tested with Tiptel 3110, 3120, 3130 (firmware version 2.0.145). Be aware that different firmware revisions may have different web interface formats and functionality. The preferred method to configure a Tiptel 31xx Phone is via Provisioning. You can however follow this guide to manually configure your phone.

**Applicable Models:** Tiptel 3110, 3120, 3130

# Register with MyPBX Manually

1. Start up the phone and identify its IP address-press the OK key on the phone to get the Information. For this example the IP address of the phone is 192.168.5.126, and IP address of MyPBX is 192.168.5.150.
2. Point your browser to the web interface of the phone: <http://192.168.5.126>
3. Enter the phone's login username (default "admin") and password (default "admin").

## SIP Account Basic Settings



The screenshot shows a web interface for SIP Account Basic Settings. At the top, there is a tab labeled "Account" with a red question mark icon. Below the tab, there is a dropdown menu for "Account" with "Account 1 (empty)" selected. To the right of the dropdown, the text "(empty)" is displayed. Below the dropdown, there is a label "Register status" and the text "unknown".

Figure 1-1

4. Click on the "Account" tab
5. We now need to set the phone to register with MyPBX. Ensure that the "Account" field is set to "Account 1", and in the "Basic" section, configure as follows:

## SIP Account Basic Settings

Account ?

Account	Account 1 ( 500 - registered )	500
Register status	registered	<span style="background-color: #ccc; padding: 2px;">reregister</span>
Active	Enabled	
Label	500	?
Display name	500	?
Register name	500	?
User name	500	?
Password	••••••	?
SIP server	192.168.5.150	Port: 5060 1.. 65535
Fallback SIP server		Port: 1.. 65535
SIP server realm	*	?
Enable Outbound Proxy Server	Disabled	
Register use Proxy Server	Disabled	
Outbound Proxy Server		Port: 5060 1.. 65535
Transport (outgoing messages)	UDP	
SRTP security	off (RTP)	
Voice mail		?

Confirm
Cancel

Figure 1-2

- 1) Set the "Active" field to "Enabled".
- 2) Set the "Label" field to the name you want to appear on the Phone display.
- 3) Set the "Display Name" field to the name you want to appear on another phone's display when calling other phones.
- 4) Set the "Register Name" field to the extension number you want to associate with this phone.
- 5) Set the "User Name" field to the extension's Authentication ID.
- 6) Set the "Password" field to the extension's Authentication Password.
- 7) Set the "SIP Server" field to the IP Address of MyPBX, in this example, 192.168.5.150.
- 8) Set the SIP Server "Port" field to the SIP Port of MyPBX (default "5060").
- 9) Click the "Confirm" button at the bottom of the page. The phone will now register with MyPBX. This can be verified via the "Status" page of MyPBX Management Console.

6. Next, we need to configure the audio codecs. Click on the "Account/Codec" tab. Ensure that the "Enable codecs" list box contains first "G722", then "PCMU", and finally "PCMA". Click the "Confirm" button at the bottom of the page.

## SIP Account Audio Codec Settings

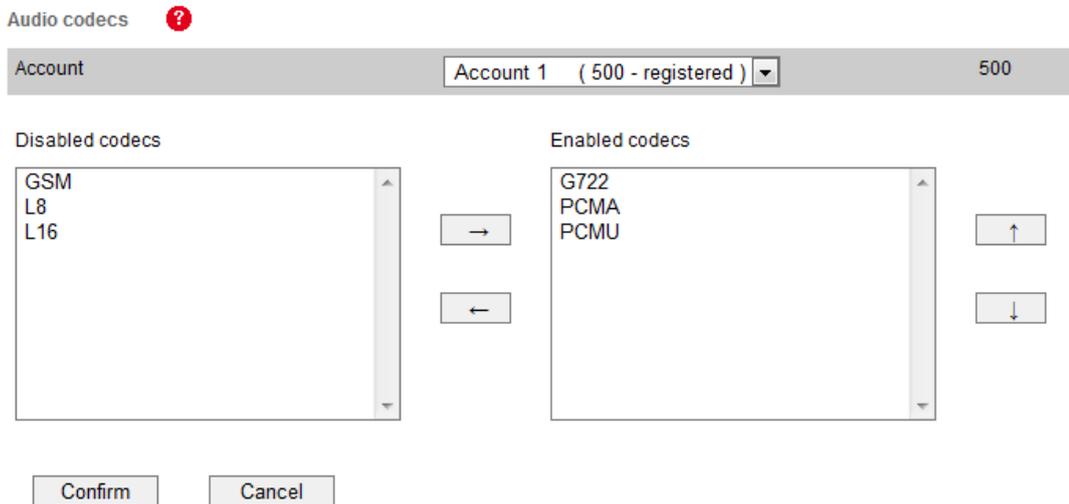


Figure 1-3

7. We also need to configure the phone to subscribe for MWI notifications. Click on the "Account/Advanced" tab:
  - 1) Set the "Subscribe MWI" field to "Enabled"
  - 2) Click the "Confirm" button at the bottom of the page

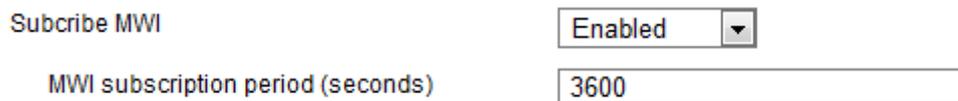


Figure 1-4

# Configuring BLF on Tiptel 31xx

**Note:**

1. Only PSTN and GSM trunk are allowed to be monitored currently in MyPBX.
2. Please choose the right line number. Make sure you have chosen the right one, which is registered to MyPBX
3. When configuring it to monitor the status of trunk, we can press it to get a dial tone before dialing out. It is working for PSTN trunk only currently.

You can also manually configure the Tiptel 31xx Memory Keys to monitor the status of other extensions or trunks on the system.

1. Click on the "Keys" tab, and then select the keys you want to configure (DSS Keys or EXT Keys at optional extension module).
2. For each button you would like to configure, configure an extension to be monitored by configuring the "DSS Key 1" row (for example) as follows:

## DSS Keys (Decision Support Systems)

DSS Keys (Decision Support Systems) ?

Key	Type	Label	Parameter 1	Line	Parameter 2
1	Busy lamp field (BLF)	Peter	500	1	
2	Busy lamp field (BLF)	Lisa	501	1	

Figure2-1

- 1) Set the "Type" field to "Busy Lamp Field (BLF)".
- 2) Set the "Line" field to "Line 1" (Assume that Account 1 is registered to MyPBX).
- 3) Set the "Parameter1" field to the extension number or the trunk name to be monitored (for example 500 or pstn1).
- 4) Click the "Confirm" button at the bottom of the page. Your phone will now re-register with MyPBX with the monitoring settings enabled.



**Step3.** Search the MAC address you would like configure on the “Phone Provisioning” → “Not Configured Phone” page.

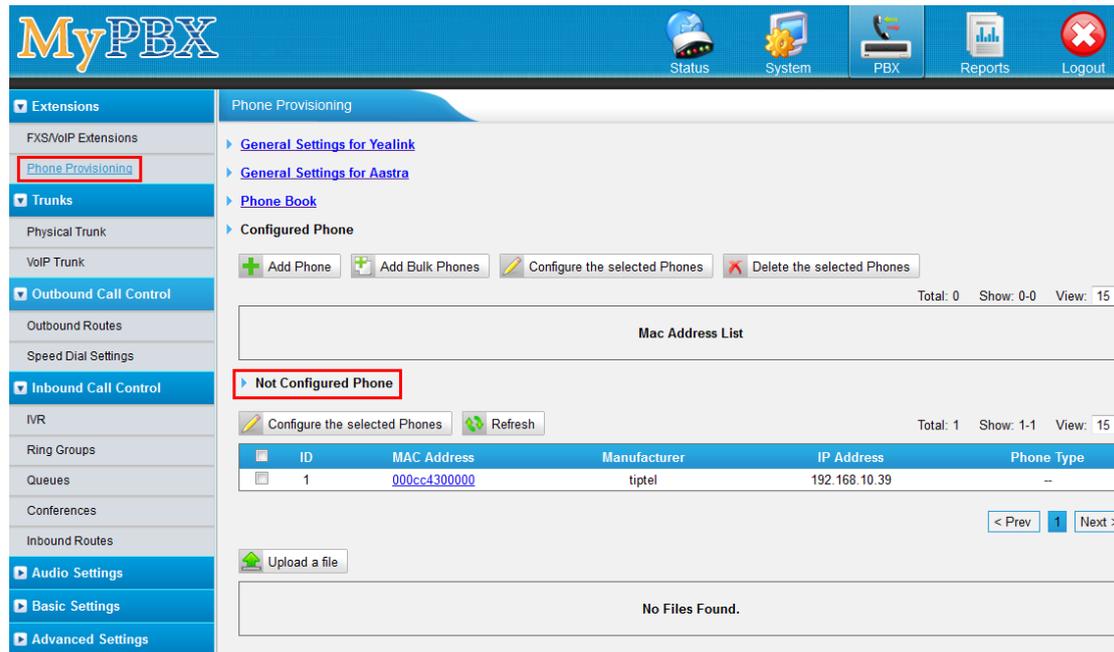


Figure 3-3

In this case, the MAC address of Tiptel 31xx IP phone is 000cc4300000.

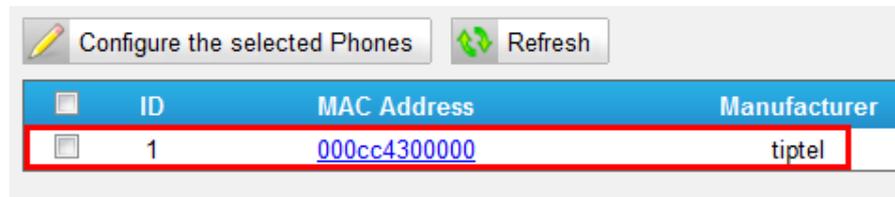
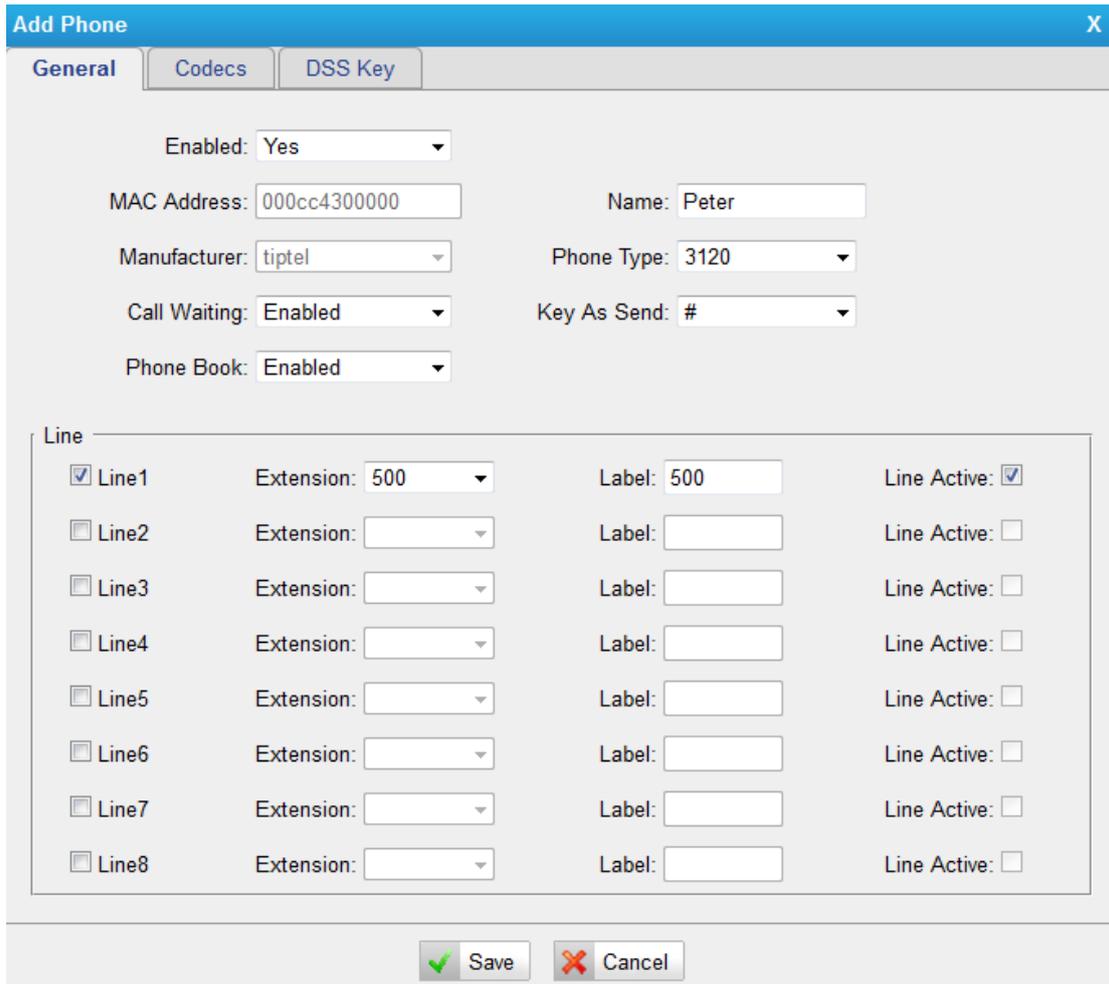


Figure 3-4

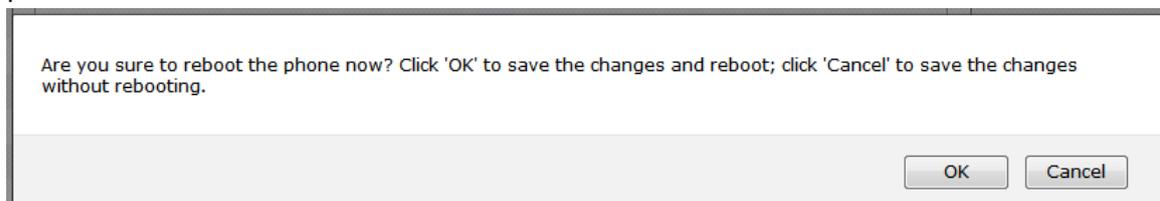
Fill in the phone detail message on the pop-up window. Input Name, Call waiting, Line, Extension, Label, Line active and so on for the phone. You also can configure available codecs at tab “Codecs” and DSS keys at tab “DSS Key”.



Add Phone			
General			
Enabled:	Yes		
MAC Address:	000cc4300000	Name:	Peter
Manufacturer:	tiptel	Phone Type:	3120
Call Waiting:	Enabled	Key As Send:	#
Phone Book:	Enabled		
Line			
<input checked="" type="checkbox"/>	Line1	Extension: 500	Label: 500
<input type="checkbox"/>	Line2	Extension:	Label:
<input type="checkbox"/>	Line3	Extension:	Label:
<input type="checkbox"/>	Line4	Extension:	Label:
<input type="checkbox"/>	Line5	Extension:	Label:
<input type="checkbox"/>	Line6	Extension:	Label:
<input type="checkbox"/>	Line7	Extension:	Label:
<input type="checkbox"/>	Line8	Extension:	Label:

Figure 3-5

**Step4.** Save the settings and reboot the IP phone. After you save the changes, the system will prompt you to save the changes and reboot or save changes without rebooting. Click "OK" to reboot the IP phone and provisioning the phone.



Are you sure to reboot the phone now? Click 'OK' to save the changes and reboot; click 'Cancel' to save the changes without rebooting.

OK Cancel

Figure 3-6

Then IP phone will reboot to apply the configurations. When done, you can find the account 500 is registered in MyPBX's line status page and Tiptel 31xx IP phone's status page.

<Finish>