

# Fanvil X4G Configuration Guide

## HPBX 2.0 Guide

1. Locate the IP address for the phone. This can be done from the keypad interface via the following steps.
  - a. Menu soft key. This is the far right softkey, below the main screen.
  - b. Press the OK key on menu Option 1 > Status. The OK key is the center button on the directional key cluster below the screen.
2. Log into the web interface of the phone using the following format
  - a. <http://192.168.x.x> and press enter.
  - b. The default username and password are “admin/admin”
3. The first place you will be within the web interface, after successful login, will be the System > Information tab.
  - a. From this tab, the lower section will be “SIP Accounts”, at this section, you will be able to view the status of each SIP account on the phone, regarding its registration status.

## Beginning configuration

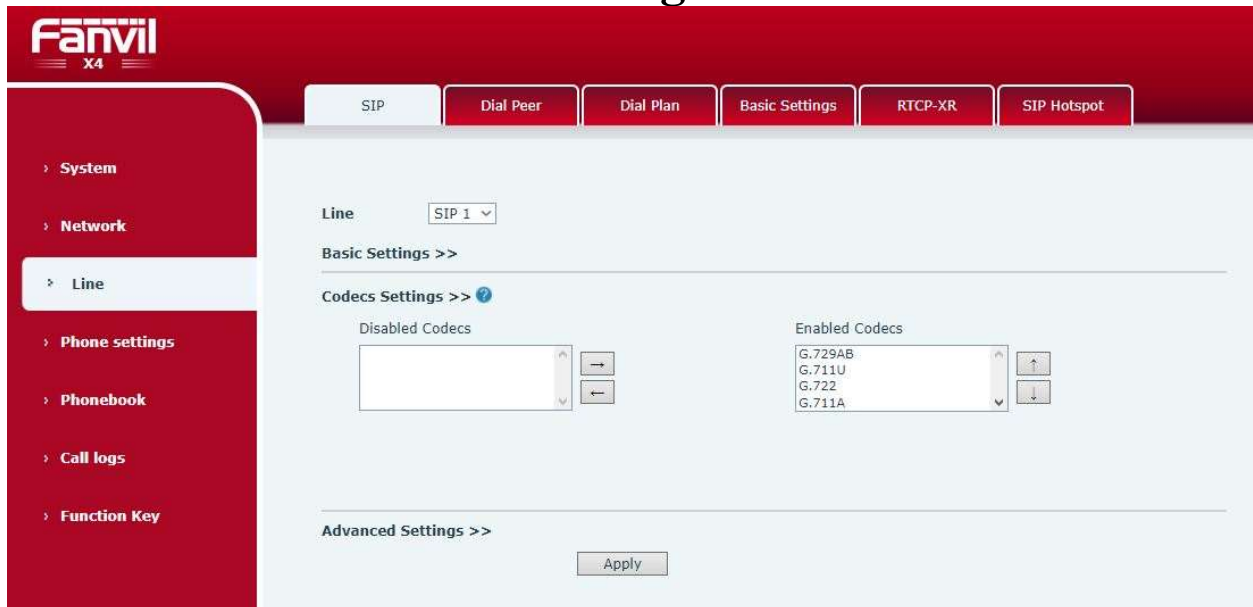
1. Line > SIP.
  - a. Username: *SIP Extension*
  - b. Display name: *SIP Extension*
  - c. Authentication name: *SIP username*
  - d. Authentication password: *SIP password*
  - e. SIP Proxy Server Address: *SIP server*
  - f. SIP Proxy Server Port: *6060*
  - g. Activate: *click the check box to place a check mark.*
  - h. Click the “Apply” button
  - i. After clicking Apply, click on “Codecs Settings”. Using the up and down arrows on the right side box, set to the following.
    - i. G.729AB
    - ii. G.711U
    - iii. G.722
    - iv. G.711A
  - j. Click on “Apply.”

The screenshot shows the Fanvil X4G web interface. The top navigation bar includes tabs for SIP, Dial Peer, Dial Plan, Basic Settings, RTCP-XR, and SIP Hotspot. The left sidebar contains a menu with options: System, Network, Line (selected), Phone settings, Phonebook, Call logs, and Function Key. The main content area is titled 'Line' and shows 'SIP 1' selected. Under 'Basic Settings >>', the following fields are visible:

Line Status	Registered	SIP Proxy Server Address	uc70.telecomsvc.com
Username	795	SIP Proxy Server Port	6060
Display name	795	Backup Proxy Server Address	
Authentication Name	Auth Name Here	Backup Proxy Server Port	5060
Authentication Password	.....	Outbound proxy add.	
Server Name		Outbound proxy port	
Activate	<input checked="" type="checkbox"/>	Realm	

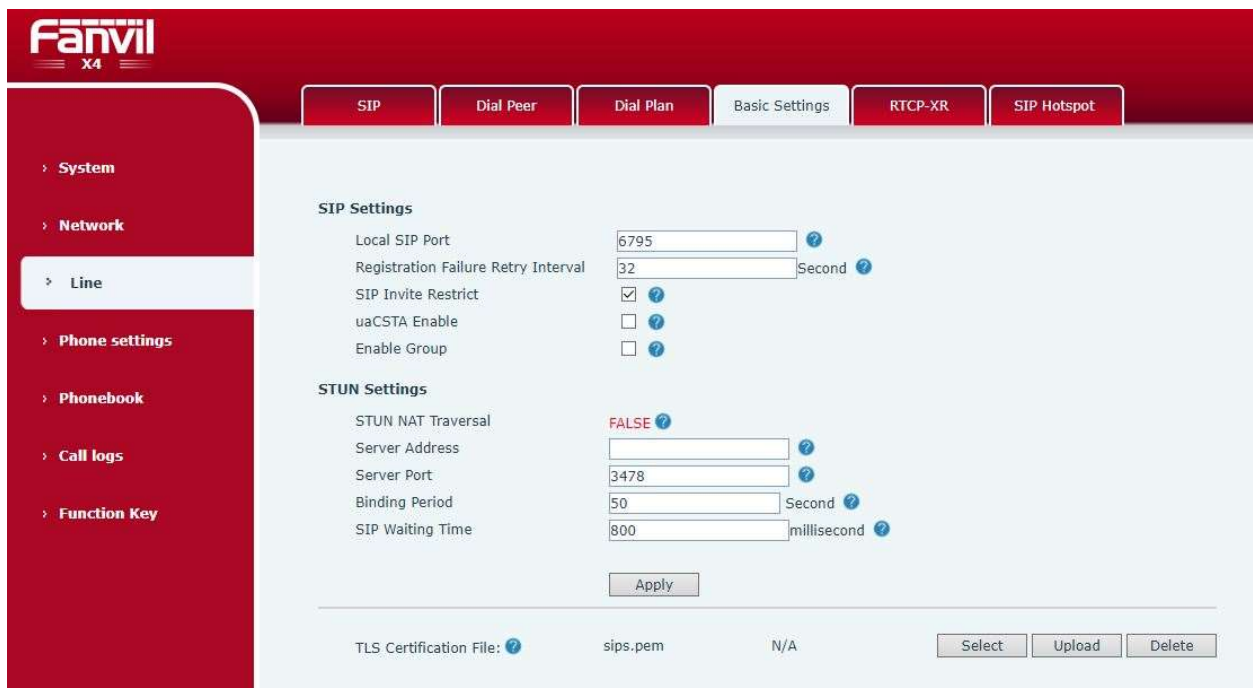
Below the Basic Settings section, there are sections for 'Codecs Settings >>' and 'Advanced Settings >>'. An 'Apply' button is located at the bottom of the configuration area.

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## 2. Line > Basic Settings tab

- a. Locate the “Local SIP Port” field
- b. Set the Local SIP port: 6 + the last 3 digits of the extension.
  - i. If the extension were 791, then the local SIP port would be: 6791
  - ii. If the extension were 7091, then the local SIP port would be: 6091
  - iii. If the extension were 70091, then again, the local SIP port would be: 6091
- c. Click “Apply” to save the settings



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3. Phone settings > Time/Date tab.
  - a. This section is broken into three parts on the screen, each with their own “Apply” button.
    - i. Note: Clicking “Apply” in one section will not save settings for all three, you MUST click “Apply” in each section before editing the next.
  - b. Time zone: change this to match the location that the phone is deployed to.
    - i. Click “Apply.”
  - c. Daylight Savings Time Settings > Location: set this to the country the phone is deployed to.
    - i. Click “Apply.”

The screenshot displays the Fanvil X4G configuration interface. The top navigation bar includes tabs for Features, Audio, MCAST, Time/Date, Advanced, and Trusted Certificates. The left sidebar shows a menu with options: System, Network, Line, Phone settings (highlighted), Phonebook, Call logs, and Function Key. The main content area is divided into three sections: Network Time Server Settings, Date Format, and Daylight Saving Time Settings. Below these is a Manual Time Settings section.

**Network Time Server Settings**

- Time Synchronized via SNTP:  ?
- Time Synchronized via DHCP:  ?
- Primary Time Server: time.nist.gov ?
- Secondary Time Server: pool.ntp.org ?
- Time zone: (UTC-8) Canada, Mexico, United States ?
- Resync Period: 60 Second(s) ?

**Date Format**

- 12-hour clock:
- Date Format: 1 JAN MON

**Daylight Saving Time Settings**

- Location: United States(Pacific Time) ?
- DST Set Type: Automatic ?
- Fixed Type: By Week ?
- Offset: 60 Minute
- Start: Month: March, Week: 2, Weekday: Sunday, Hour: 2
- End: Month: November, Week: 1, Weekday: Sunday, Hour: 2

**Manual Time Settings**

- Date: 2019-05-2
- Hour: 10
- Minute: 34

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4. Phone Settings > Advanced tab.
  - a. This step is optional.
  - b. Greeting Words: Set with either of the following
    - i. Customer/User name
    - ii. Customer's Business name
    - iii. Phone DiD or extension number.

The screenshot displays the Fanvil X4G configuration interface. The top navigation bar includes tabs for Features, Audio, MCAST, Time/Date, Advanced (selected), and Trusted Certificates. A left sidebar lists configuration categories: System, Network, Line, Phone settings (selected), Phonebook, Call logs, and Function Key. The main content area is divided into several sections:

- Screen Configuration:**
  - Enable Energysaving:  ?
  - Backlight Time: 30 (0~3600)Second ?
  - ScreenSaver Wait Time: 0 (0~3600)Second ?
  - Apply button
- LCD Menu Password Settings:**
  - Menu Password: [Redacted] ?
  - Apply button
- Keyboard Lock Settings:**
  - PIN to Lock: [Redacted] ?
  - Keyboard Password: [Redacted] ?
  - Enable Keyboard Lock:  ?
  - Apply button
- Greeting Words:**
  - Greeting Words: VOIP PHONE (0~12 character(s))
  - Apply button

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5. Function Key > Function Key tab
  - a. This area defines what is displayed next to the DSS Line keys that display on the lower right screen of the phone.
    - i. DSS Key 1-1 Name: *Extension Number* | Line: SIP1
    - ii. DSS Key 1-2 Name: *Extension Number* | Line: SIP1
    - iii. DSS Key 1-3 Name: *Extension Number* | Line: SIP1
    - iv. DSS Key 1-4 Name: *Extension Number* | Line: SIP1

**Function Key Settings**

Reset BLF Transfer Type:

DSS LCD Page Settings:

Key	Type	Name	Value	Subtype	Line	PickUp Number
DSS Key 1-1	Line			None	SIP1	
DSS Key 1-2	Line			None	SIP2	
DSS Key 1-3	Line			None	SIP3	
DSS Key 1-4	Line			None	SIP4	
DSS Key 1-5	Key Event			MWI	Auto	
DSS Key 1-6	Key Event			Headset	Auto	
DSS Key 2-1	None			None	Auto	
DSS Key 2-2	None			None	Auto	
DSS Key 2-3	None			None	Auto	
DSS Key 2-4	None			None	Auto	
DSS Key 2-5	None			None	Auto	
DSS Key 2-6	None			None	Auto	