

Configure Panasonic KX IP Phones to 2talk

1. On the physical Phone go to “Settings” and scroll down to “Network Setting” and to “Embedded Web” and Click on to all access over Web login page.
2. Identify the IP address of the Phone for example 192.168.0.20
3. Enter the IP Address to a web browser and login to the web interface of the Panasonic phone
4. User Default username and password:
 - Username – Admin
 - Password - adminpass
5. You should see the interface below:

The screenshot shows the Panasonic KX-UT123X web interface. At the top, there is a navigation bar with tabs: Status, Network, System, VoIP, Telephone, and Maintenance. Below the navigation bar, the page title is "Version Information". On the left side, there is a sidebar with a "Status" section containing links for "Version Information", "Network Status", and "VoIP Status". The main content area displays the "Version Information" table:

Version Information	
Model	KX-UT123X
Operating Bank	Bank2
IPL Version	01.14
Firmware Version	Bank1: 01.061 Bank2: 01.133

6. Click on “VoIP” tab and on the left hand menu click on “Line1”

The screenshot shows the Panasonic KX-UT123X web interface with the "VoIP" tab selected. The left sidebar shows "VoIP Settings" with sub-items for "Line 1" and "Line 2". The main content area displays the "VoIP" settings for "Line 1". The settings are organized into sections:

- Phone Number**
 - Phone Number: 092814443-1
 - SIP URI: 092814443-1@sip.2talk.co.nz
- SIP Server**
 - Registrar Server Address: sip.2talk.co.nz
 - Registrar Server Port: 5060 [1-65535]
 - Proxy Server Address: sip.2talk.co.nz
 - Proxy Server Port: 5060 [1-65535]
 - Presence Server Address: sip.2talk.co.nz
 - Presence Server Port: 5060 [1-65535]
- Outbound Proxy Server**
 - Outbound Proxy Server Address: sip.2talk.co.nz
 - Outbound Proxy Server Port: 5060 [1-65535]
- SIP Service Domain**
 - Service Domain: sip.2talk.co.nz
- SIP Source Port**
 - Source Port: 5060 [1024-49151]
- SIP Authentication**
 - Authentication ID: 092814443-1
 - Authentication Password: ••••••••
- DNS**
 - Enable DNS SRV lookup: ☒ Yes ☐ No
 - SRV lookup Prefix for UDP: _sip._udp.
 - SRV lookup Prefix for TCP: _sip._tcp.
- Transport Protocol for SIP**
 - Transport Protocol: ☒ UDP ☐ TCP
- Timer Settings**
 - T1 Timer: 500 milliseconds
 - T2 Timer: 4 seconds
 - Timer B: 32000 milliseconds [250-64000]
 - Timer D: 5000 milliseconds [0, 250-64000]
 - Timer F: 32000 milliseconds [250-64000]
 - Timer H: 32000 milliseconds [250-64000]
 - Timer J: 5000 milliseconds [0, 250-64000]
- Quality of Service (QoS)**
 - SIP Packet QoS (DSCP): 0 [0-63]
- SIP extensions**
 - Supports 100rel (RFC 3262): ☐ Yes ☒ No
 - Supports Session Timer (RFC 4028): 0 seconds [60-65535, 0: Disable]
- NAT Identity**

- Phone Number “2talk Number”
 - SIP Url “2Talk 2talk@2talk.co.nz”
 - Registrar Server Address “sip.2talk.co.nz”
 - Proxy Server Address “sip.2talk.co.nz”
 - Outbound Proxy Address “sip.2talk.co.nz”
 - Service Domain “sip.2talk.co.nz”
 - Authentication ID “2talk Number”
 - Authentication Password “2talk Password”
7. Click on Save at the bottom of the web page and let the device restart and apply the Configurations to the phone.
 8. Once restarted login to the Web login for the phone and Click on the “Telephone” tab and on the left hand panel select “Call Control and Line 1”

Web Port Close

Telephone

Call Control

- Line 1

- Line 2

Tone Settings

Telephone Settings

Import Phonebook

Export Phonebook

Application Settings

Call Control [Line 1]

Call Control

Display Name

2talk

Voice Mail Access Number

Enable Shared Call

☐ Yes ☒ No

Synchronize Do Not Disturb and Call Forward

☐ Yes ☒ No

Resource List URI

Dial Plan

Dial Plan (max 500 columns)

Call Even If Dial Plan Does Not Match

☒ Yes ☐ No

Call Features

Block Caller ID

☐ Yes ☒ No

Block Anonymous Call

☐ Yes ☒ No

Do Not Disturb

☐ Yes ☒ No

Call Forward

Unconditional

Enable Call Forward

☐ Yes ☒ No

Phone Number

Busy

Enable Call Forward

☐ Yes ☒ No

Phone Number

No Answer

Enable Call Forward

☐ Yes ☒ No

Phone Number

Ring Count

3 count(s) [0, 2-20]

Save

Cancel

- Display Name “Name to Display on the Screen of phone”
- Voicemail Access Number “*55”

9. On the Left hand panel Click "Tone Setting"

Tone Settings	
Dial Tone	
Tone Frequencies	400
Tone Timings	60,0
Busy Tone	
Tone Frequencies	480,620
Tone Timings	60,500,440
Ringing Tone	
Tone Frequencies	440,480
Tone Timings	60,2000,3940
Stutter Tone	
Tone Frequencies	350,440
Tone Timings	560,100,100,100,100,100,100,100,100,100,100,
Reorder Tone	
Tone Frequencies	480,620
Tone Timings	60,250,190
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

- Tone Frequencies “400”

10. Click on Save and let phone reboot. Once restarted your phone is ready to be used on 2talk details.