Panasonic
Configuration Guides

Version 1.0

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Contents

About This Guide 3
Register Panasonic IP phone with MyPBX Manually 4
Provisioning for MyPBX 8

About This Guide

This guide is applicable to Panasonic IP Phone KX-UT113 /KX-UT123 /KX-UT133 /KX-UT136 /KX-UT248/KX-UT670/TGP500/TGP550.

Please note:

This guide has been tested with Panasonic KX-UT123 with firmware version 01.278. Be aware that different firmware versions may have different web interface formats and functionality.

This guide will configure the IP phone with default configuration. If you are not sure about the configuration of your IP phone, please reset your phone.

How to Reset Panasonic IP phone:

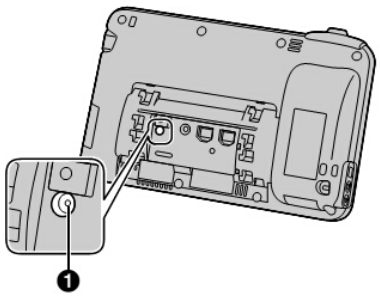
For KX-UT113 /KX-UT123 /KX-UT133 /KX-UT136 /KX-UT248

1. Press Setting or Setup .
2. Press **[#][1][3][6]**.
3. Press **[▲]** or **[▼]** to select "**Factory Setting**", and then press **[ENTER]**.
4. Press **[▲]** or **[▼]** to select "**Yes**", and then press **[ENTER]**.
5. Press **[▲]** or **[▼]** to select "**Yes**", and then press **[ENTER]**.

Figure 1-1 Reset Panasonic Phone

For KX-UT670

1. After starting the unit, press and hold the RESET button (❶) with a pointy object until the screen is cleared.



2. After the unit is restarted and ****Reset Menu**** is displayed, tap the key sheet in the following order:
   Home → ▼ → Menu → Back → Enter
3. Tap ▼ or ▲ to select the resetting type, and then tap Enter.

Figure 1-2 Reset Panasonic Phone

For TGP500/TGP550

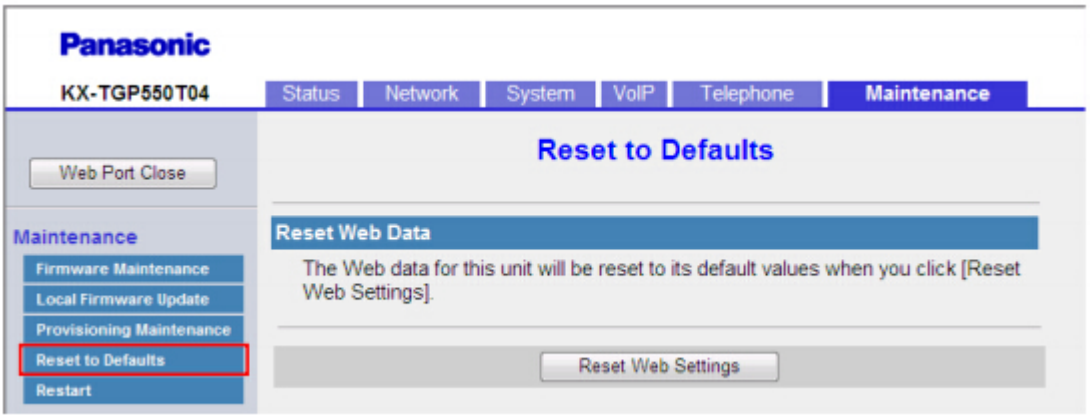


Figure 1-3 Reset Panasonic Phone

For more detailed instructions about how to reset IP phone, please refer to Panasonic IP phone manual.

Register Panasonic IP phone with MyPBX Manually

1. Start up the phone and identify its IP Address. In this guide, the IP Address of the phone is 192.168.2.153, and IP Address of the MyPBX is

192.168.2.127

1. Press Setting or Setup .
2. Press [▲] or [▼] to select "Information Display", and then press [ENTER].
3. Press [▲] or [▼] to select "IP Address".
4. Press [CANCEL].

Figure 1-2 Identify the IP of Panasonic Phone

2. Open the web port of Panasonic phone

1. Press Setting or Setup .
2. Press [#][5][3][4].
3. Press [▲] or [▼] to select "On" for "Embedded web", and then press [ENTER].

Figure 1-3 Open the Web Port of Panasonic Phone

3. Point your browser to the web interface of the phone: http://192.168.2.153 and enter the login credentials (default username "admin"; default password "adminpass")

4. We need to set the phone to register with MyPBX. Click "VoIP -> Line 1" tab, and configure as follows:
   1) In the "Phone Number" & "SIP Server" section:

Phone Number	
Phone Number	301
SIP URI	
SIP Server	
Registrar Server Address	192.168.2.127
Registrar Server Port	5060 [1-65535]
Proxy Server Address	192.168.2.127
Proxy Server Port	5060 [1-65535]
Presence Server Address	
Presence Server Port	5060 [1-65535]

Figure 1-4 Number &SIP Server

- Phone number: the number of extension.
- Registrar Server Address: the IP address of MyPBX.
- Registrar Server Port: the port number to use for communication with MyPBX. Default value:5060.
- Proxy Server Address: the IP address of MyPBX.

- Registrar Server Port: the default value is 5060.

2) Authentication

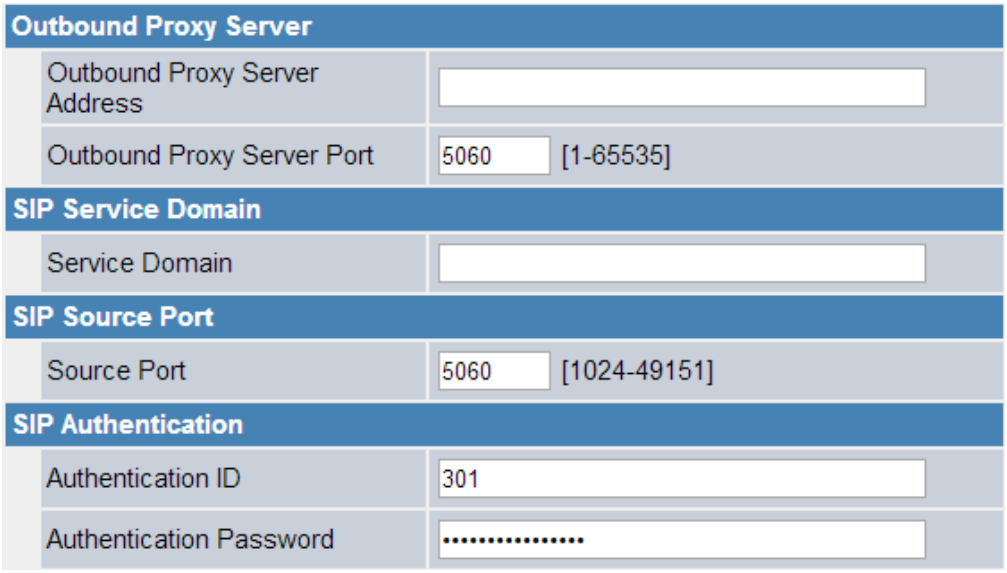


Figure 1-5 SIP Authentication

- Source Port : the SIP port number for each line must be unique, default value: 5060 (for Line 1) and 5070 (for Line 2).
- Authentication ID:same as the extension's number in general.
- Authentication Password:password of extension.

3) Set transport protocol

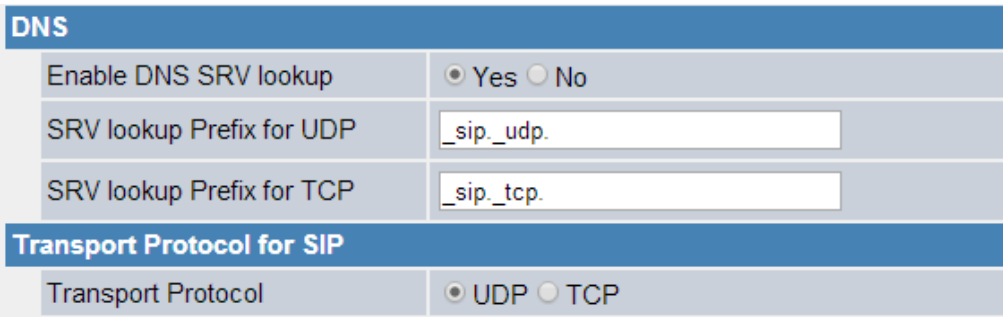


Figure 1-6 Transport Protocol

- Transport Protocol : same as the option on extension page

4) Others

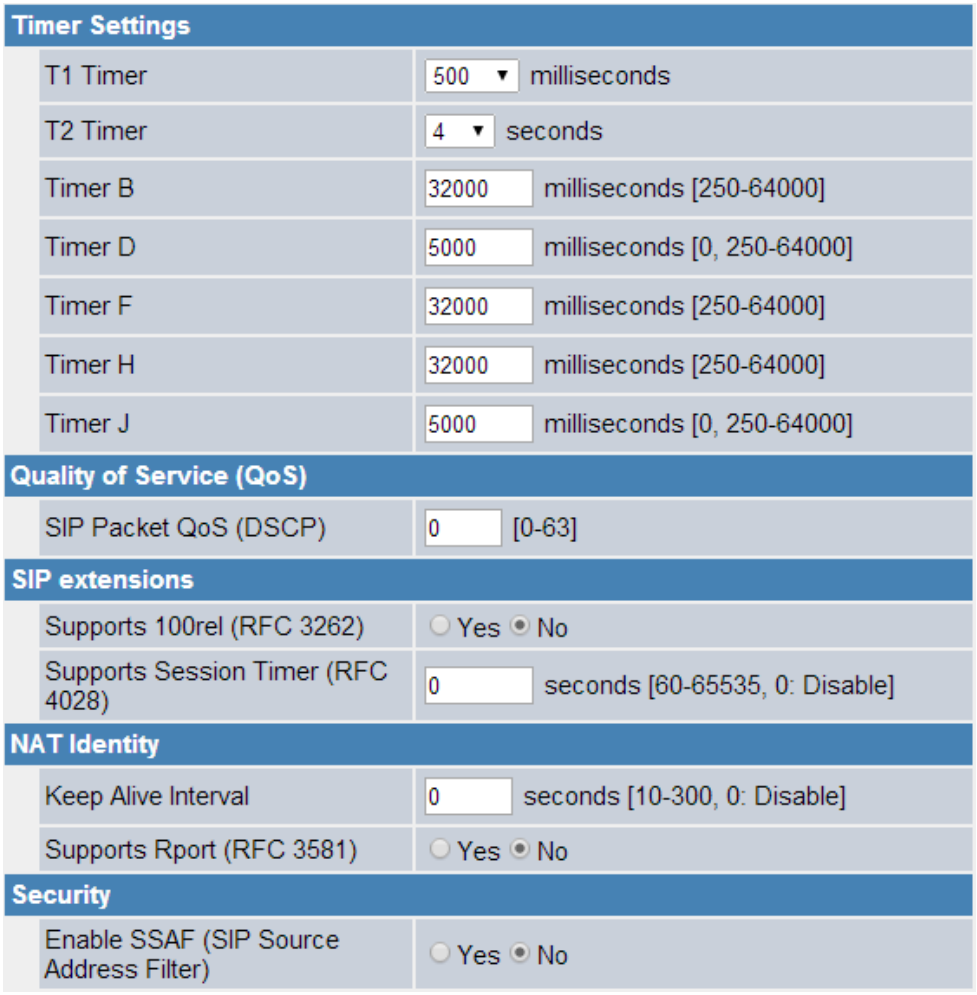


Figure 1-7 Other Settings

- Set these options by default as the figure shows

5. Click the button "Save" and the phone will register with MyPBX. This can be verified via "Status" both of the IP phone and PBX.

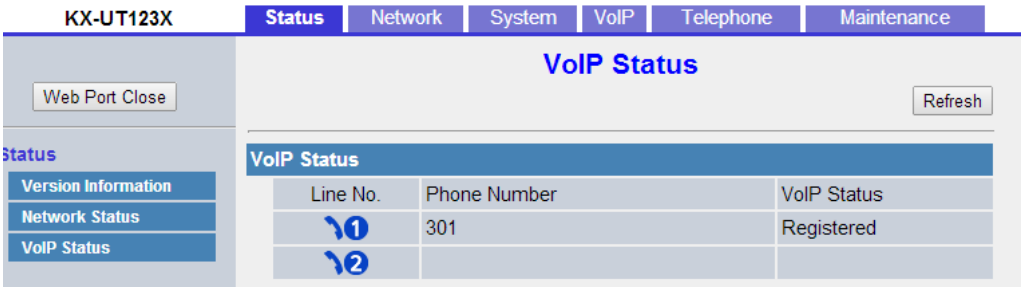


Figure 1-8 VoIP Status on IP phone

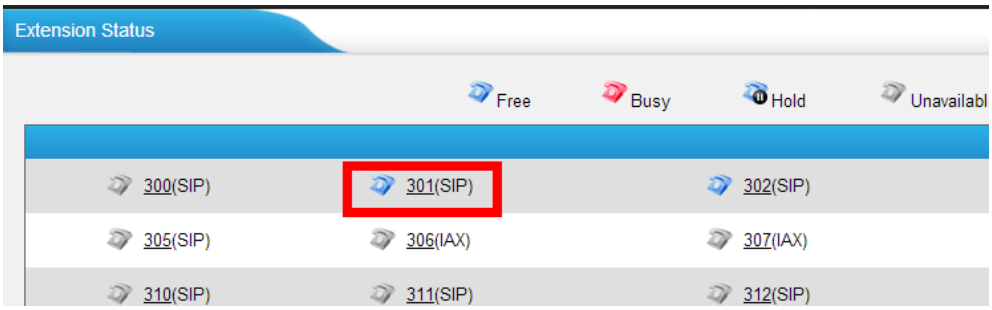


Figure 1-8 Extension Status on MyPBX

Provisioning for MyPBX

1. Verify Firmware Installed on Your Phone

Verify the firmware version currently installed on the "Status" page.

2. Plug Phone into the network

Plug your Panasonic IP phone into your LAN. (The Phone must be on the same LAN as that of MyPBX's IP address).

3. Approve Phone and Assign an Extension

To do provisioning with Panasonic IP phones, you need to set MyPBX as the only

working DHCP server

Step1. Disable DHCP Server on your local network.
E.g. Disable DHCP Server on Linksys Router.

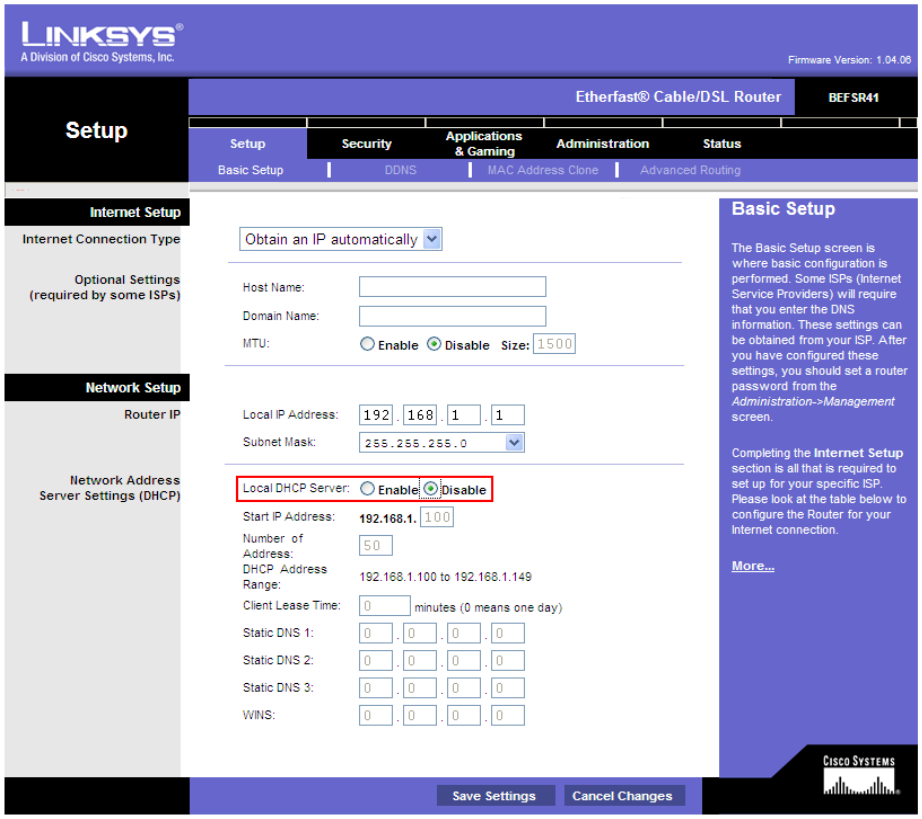


Figure 2-1 Disable DHCP Server on Linksys Router

Step2. Make sure DHCP is enabled on Panasonic IP phone. The default setting of DHCP for IP Phone is "Automatic", so you can skip this step and go to next step.
If the DHCP is disabled, please follow steps below to enable it.

1. Press Setting or Setup .
2. Press **[▲]** or **[▼]** to select "**Network Settings**", and then press **[ENTER]**.
3. Press **[▲]** or **[▼]** to select "**Network**", and then press **[ENTER]**.
4. Press **[▲]** or **[▼]** to select "**DHCP**", and then press **[ENTER]**.
5. Press **[▲]** or **[▼]** to select "**Automatic**" for DNS, and then press **[ENTER]**.
   - Select "**Manual**" to enter the addresses for DNS1 (primary DNS server) and, if necessary, DNS2 (secondary DNS server) manually, and then press **[ENTER]**.
6. Press **[CANCEL]**.

Figure 2-2 Enable DHCP on Panasonic phone

Step3. Enable DHCP Server on MyPBX.
Login MyPBX web interface, System -> DHCP Server ->Enable DHCP Server

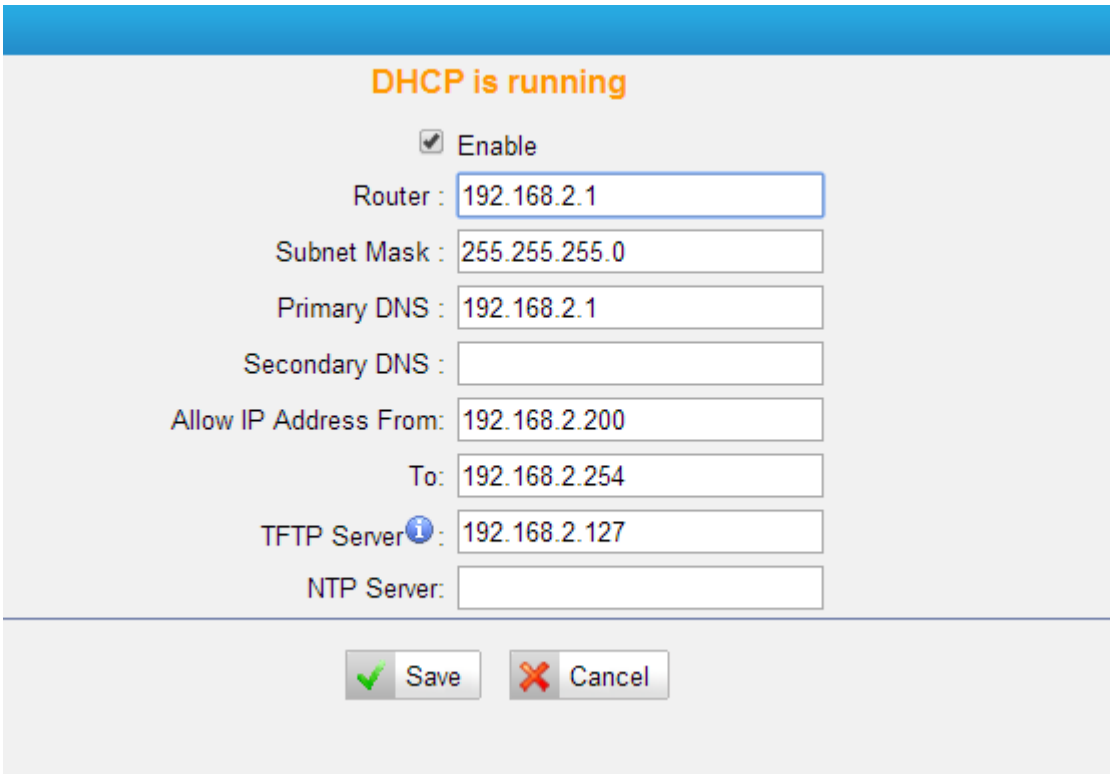


Figure 2-3 Enable DHCP Server on MyPBX

Step4. Configure phones on MyPBX Auto-Provision page.

1) Login MyPBX web interface, Basic->Extensions->Phone Provisioning->Add Phone.

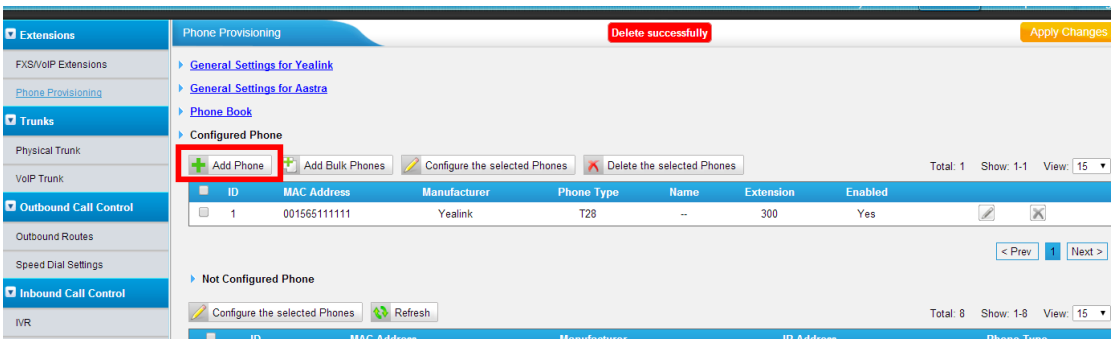


Figure 2-3 Phone Provisioning

2) Fill in the phone detail message on the pop-up windows.

Input IP Phone's MAC address, Name, Manufacturer, Phone type,Line, Extension and so on for the phone.

In this case, Panasonic KX-UT123 IP phone's MAC address is 0080f005BF96

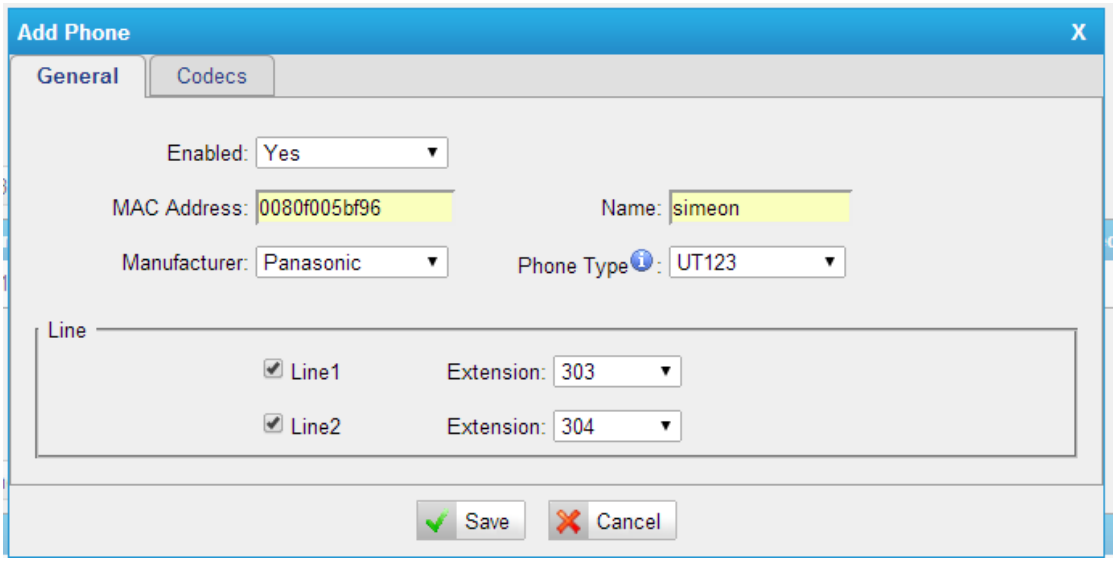


Figure 2-4 Add Panasonic Phone

Step4. Save the settings and reset the IP phone manually to make configuration take effect.

1. Press Setting or Setup .
2. Press **[#][1][3][6]**.
3. Press **[▲]** or **[▼]** to select "**Factory Setting**", and then press **[ENTER]**.
4. Press **[▲]** or **[▼]** to select "**Yes**", and then press **[ENTER]**.
5. Press **[▲]** or **[▼]** to select "**Yes**", and then press **[ENTER]**.

Figure 2-5 Reset Panasonic Phone

Step5. Done.

<End>