

Setup of TGP5xx for connecting to SIP server

(KX-TGP series)

No. 01-001

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Ver.1.0

Panasonic Corporation

Abstract about this document

This document describe about general setting procedure for connecting TGP to SIP server.

Revision history

Date	Version	Revision	Firmware version
Mar. 3, 2011	Ver. 1.0	Initial Release	All versions

Step1 : Access the Web user interface

1. Confirm the IP address of KX-TGP5xx.

1-1 : Handset [MENU] (center of joystick) → [#][5][0][1].

1-2 : Confirm the IP address displayed on LCD.

2. Embedded Web.

2-1 : Handset [MENU] (center of joystick) → [#][5][3][4].

2-2 : [1] (On) → [SAVE] (center of joystick) → [OFF].

3. Access the Web user interface.

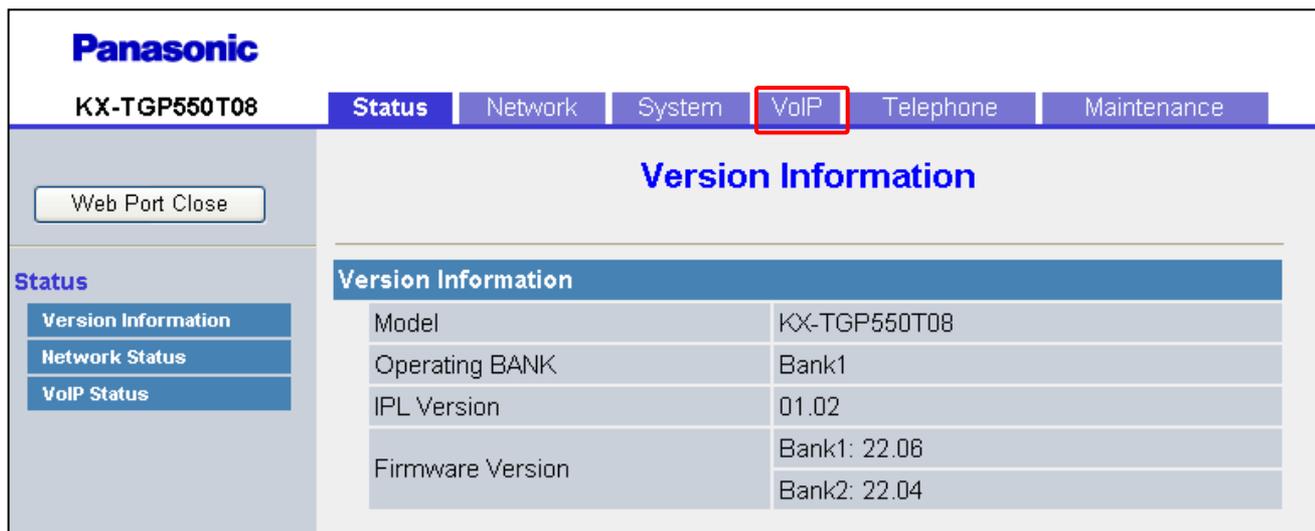
3-1 : Open your Web browser.

3-2 : Enter your KX-TGP5xx URL to Web browser
(<http://your KX-TGP5xx IP address>) .

3-3 : Enter user name (**admin**) and password (**adminpass**) and click “OK”.

3-4 : The Web user interface window is displayed.
Configure the settings for the unit as desired.

Step2 : Select VoIP tag



The screenshot displays the Panasonic KX-TGP550T08 web interface. At the top, the Panasonic logo and model number are visible. A navigation bar contains several tabs: Status, Network, System, VoIP, Telephone, and Maintenance. The VoIP tab is highlighted with a red rectangular box. Below the navigation bar, the main content area is titled "Version Information". On the left side, there is a "Status" section with a "Web Port Close" button and three sub-sections: "Version Information", "Network Status", and "VoIP Status". The "Version Information" sub-section is currently selected, displaying a table of system details.

Version Information	
Model	KX-TGP550T08
Operating BANK	Bank1
IPL Version	01.02
Firmware Version	Bank1: 22.06
	Bank2: 22.04

1. Click "VoIP" tag.

Step3 : Select Line 1 tag

The screenshot shows the Panasonic KX-TGP550T08 web interface. At the top, there are navigation tabs: Status, Network, System, VoIP, Telephone, and Maintenance. The 'VoIP' tab is selected. Below the tabs, there is a 'Web Port Close' button. The main content area is titled 'SIP Settings'. On the left side, there is a sidebar with a 'VoIP' section containing a list of 'SIP Settings' tags: '- Line 1', '- Line 2', '- Line 3', '- Line 4', '- Line 5', '- Line 6', '- Line 7', and '- Line 8'. The '- Line 1' tag is highlighted with a red rectangular box. Below this list are 'VoIP Settings' for '- Line 1' and '- Line 2'. The main content area displays the configuration for the selected tag. It includes a 'SIP Setting' section with a text input field for 'SIP User Agent' containing the value 'Panasonic_{MODEL}{fwer} {(mac)}'. Below that is a 'Transport Protocol for SIP' section with a 'Transport Protocol' label and two radio buttons: 'UDP' (selected) and 'TCP'. A red warning message states: 'The phone reboots automatically if you change this setting.' At the bottom of the configuration area, there are 'Save' and 'Cancel' buttons.

1. Click “Line 1” tag of SIP Settings.

Step4 : SIP server address settings

SIP Settings [Line 1]	
Phone Number	
Phone Number	<input type="text" value="601"/>
Line ID	<input type="text"/>
SIP Server	
Registrar Server Address	<input type="text" value="192.168.1.54"/>
Registrar Server Port	<input type="text" value="5060"/> [1-65535]
Proxy Server Address	<input type="text" value="192.168.1.54"/>
Proxy Server Port	<input type="text" value="5060"/> [1-65535]
Presence Server Address	<input type="text"/>
Presence Server Port	<input type="text" value="5060"/> [1-65535]
Outbound Proxy Server	
Outbound Proxy Server Address	<input type="text"/>
Outbound Proxy Server Port	<input type="text" value="5060"/> [1-65535]

1. Enter the **Phone Number** consisting of 0–9, *, and #.
2. Enter **your SIP server address** to
Resister Server Address and Proxy Server Address.

Step5 : Enter the ID and Password

SIP Authentication	
Authentication ID	1. <input type="text" value="601"/>
Authentication Password	2. <input type="password" value="****"/>
DNS	
Enable DNS SRV lookup	<input type="radio"/> Yes <input checked="" type="radio"/> No
SRV lookup Prefix for UDP	<input type="text" value="_sip_udp."/>
SRV lookup Prefix for TCP	<input type="text" value="_sip_tcp."/>
Timer Settings	
T1 Timer	<input type="text" value="500"/> milliseconds
T2 Timer	<input type="text" value="4"/> seconds
INVITE Retry Count	<input type="text" value="6"/>
Non-INVITE Retry Count	<input type="text" value="10"/>
Quality of Service (QoS)	
SIP Packet QoS (DSCP)	<input type="text" value="Best Effort (default) (000 000)"/>
SIP extensions	

1. Enter your Authentication ID.
2. Enter your Authentication Password.

Step6 : Save the settings

T1 Timer	300	milliseconds
T2 Timer	4	seconds
INVITE Retry Count	6	
Non-INVITE Retry Count	10	
Quality of Service (QoS)		
SIP Packet QoS (DSCP)	Best Effort (default) (000 000)	
SIP extensions		
Supports 100rel (RFC 3282)	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Supports Session Timer (RFC 4028)	0 seconds [60-65535, 0: Disable]	
Keep Alive		
Keep Alive Interval	0 seconds [10-300, 0: Disable]	
Security		
Enable SSAF (SIP Source Address Filter)	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<input type="button" value="Save"/> <input type="button" value="Cancel"/>		

1. Click the “Save”.
2. After save, the status LED on TGP5xx become green.

- The setting is finished -