

# **Setup of UT1xx for connecting to SIP server**

(KX-UT1xx series / UT248)

No. 11-001

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Ver.1.1

Panasonic Corporation

## Abstract about this document

This document describe about general setting procedure for connecting UT1xx/248 to SIP server.

## Revision history

Date	Version	Revision	Firmware version
Jun. 22, 2011	Ver. 1.0	Initial Release	All versions
May 25, 2012	Ver. 1.1	Add description about UT248	All versions

## Step1 : Access the Web user interface

### 1. Confirm the IP address of KX-UT1xx/248.

1-1 : [Setting] (Left soft key) → select [Information Display] → [Enter] → [Down] (joystick)

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

### 2. Embedded Web.

2-1 : [Setting] (Left soft key) → select [Network setting] → [Enter] → select [Embedded web] → [Enter] → select [On] → [Enter]

### 3. Access the Web user interface.

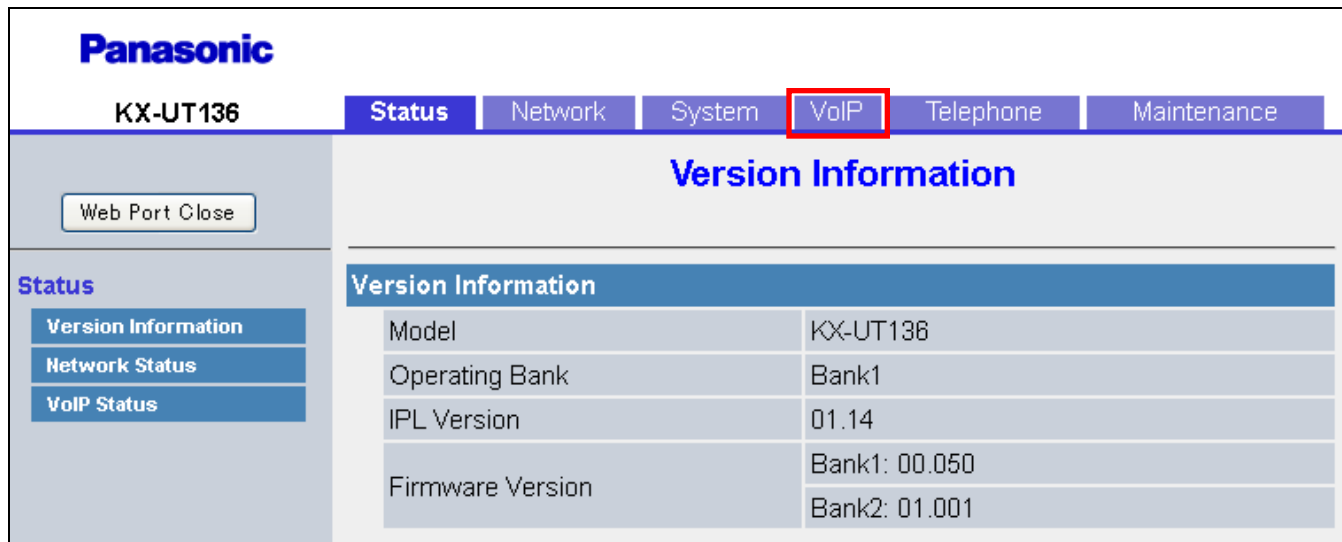
3-1 : Open your Web browser.

3-2 : Enter your KX-UT1xx/248 URL to Web browser  
(<http://your KX-UT1xx/248 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 shows the Panasonic KX-UT136 web interface. At the top, the Panasonic logo is on the left, and the model number KX-UT136 is in the center. Below the logo, there is a 'Web Port Close' button. The navigation menu consists of several tabs: Status, Network, System, VoIP, Telephone, and Maintenance. The 'VoIP' tab is highlighted with a red box. Below the navigation menu, the main content area is titled 'Version Information'. On the left side, there is a 'Status' section with three sub-sections: 'Version Information', 'Network Status', and 'VoIP Status'. The 'Version Information' sub-section is selected. The main content area displays the following information:

Version Information	
Model	KX-UT136
Operating Bank	Bank1
IPL Version	01.14
Firmware Version	Bank1: 00.050
	Bank2: 01.001

1. Click “VoIP” tag.

For example) UT136  
Same applies to all UT1xx/248

## Step3 : Select Line 1 tag

**Panasonic**  
KX-UT136

Status Network System **VoIP** Telephone Maintenance

Web Port Close

**SIP Settings**

VoIP

SIP Settings

- Line 1

- Line 2

- Line 3

- Line 4

VoIP Settings

- Line 1

- Line 2

- Line 3

- Line 4

**SIP Setting**

SIP User Agent Panasonic\_{MODEL}/{fwver} ({mac})

Save Cancel

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

For example) UT136  
Same applies to all UT1xx/248

## Step4 : SIP server address settings

SIP Settings [Line 1]	
<b>Phone Number</b>	
Phone Number	<input type="text" value="601"/>
SIP URI	<input type="text"/>
<b>SIP Server</b>	
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]
<b>Outbound Proxy Server</b>	
Outbound Proxy Server Address	<input type="text"/>

For example) UT136  
Same applies to all UT1xx/248

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. 601
Authentication Password	2. ●●●●
DNS	
Enable DNS SRV lookup	<input checked="" type="radio"/> Yes <input type="radio"/> No
SRV lookup Prefix for UDP	_sip_udp.
SRV lookup Prefix for TCP	_sip_tcp.
Transport Protocol for SIP	
Transport Protocol	<input checked="" type="radio"/> UDP <input type="radio"/> TCP
Timer Settings	
T1 Timer	500 milliseconds
T2 Timer	4 seconds

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

For example) UT136  
Same applies to all UT1xx/248

## Step6 : Save the settings

Quality of Service (QoS)	
SIP Packet QoS (DSCP)	<input type="text" value="0"/> [0-63]
SIP extensions	
Supports 100rel (RFC 3262)	<input type="radio"/> Yes <input checked="" type="radio"/> No
Supports Session Timer (RFC 4028)	<input type="text" value="0"/> seconds [60-65535, 0: Disable]
NAT Identity	
Keep Alive Interval	<input type="text" value="0"/> seconds [10-300, 0: Disable]
Supports Rport (RFC 3581)	<input type="radio"/> Yes <input checked="" type="radio"/> No
Security	
Enable SSAF (SIP Source Address Filter)	<input type="radio"/> Yes <input checked="" type="radio"/> No

For example) UT136

Same applies to all UT1xx/248

1. Click the “Save”.
2. “Complete” to the Web user interface window is displayed.  
And phone number will be displayed on the LCD.

- The setting is finished -