

Panasonic KX-NS700 3rd Party SIP Phone / Local KX-TGP-500 Telquest Tech Support

This Help Sheet explains how to set up the KX-NS700 KSU to allow a 3rd Party SIP Phone to work.

The Panasonic KX-TGP Cordless is considered a 3rd Party SIP Phone by the KSU.

It is up to you to program your 3rd Party SIP Phone to work properly.

We also assume that you are a qualified Telecom Tech with Panasonic programming experience.

If you are unable to understand this Help Sheet then you will need to bring in a local person that is an experienced, qualified Panasonic technician and has an understands IT Networking.

You must have a SIP Extension License for EACH remote 3rd Party SIP Phone.

Activated feature	Pre-installed	Activation key	Features in total
IP Trunk (ch)	0	0	0
IP Proprietary Telephone/IP Softphone/ P-SIP Extension (ch)	0	0	0
IP Proprietary Telephone/P-SIP Extension (ch)	4	0	4
SIP Extension (ch)	0	1	1
Expansion Capacity	0	0	0
IP-CS channel expansion (CS unit)	-	-	-
One-look Network	-	-	-
QSIG Network	-	-	-
Two-way Recording Control	-	-	-
Message Backup	-	-	-
UM Port (ch)	-	-	-

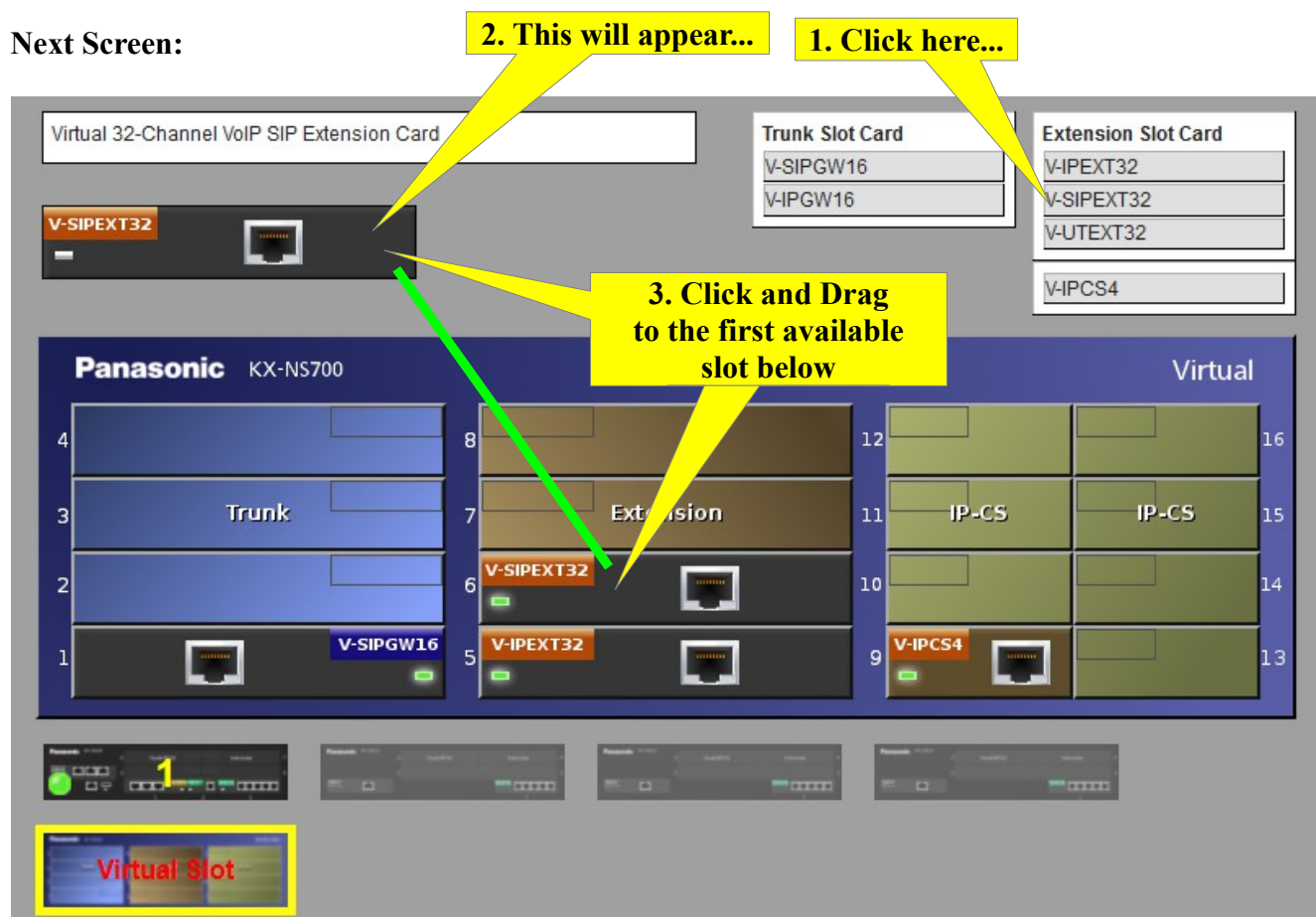
Licenses Example
KX-NSM701 = 1 SIP Phone
KX-NSM705 = 5 SIP Phones

Start the Panasonic Web Maintenance Console program and connect to the KSU.

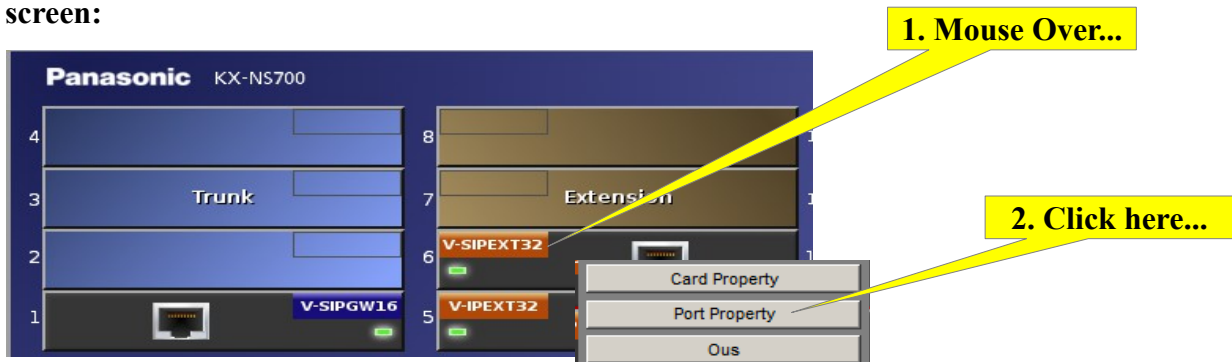
At the bottom of the screen, Mouse Over the Virtual Slot and then click on Select Shelf.



Next Screen:

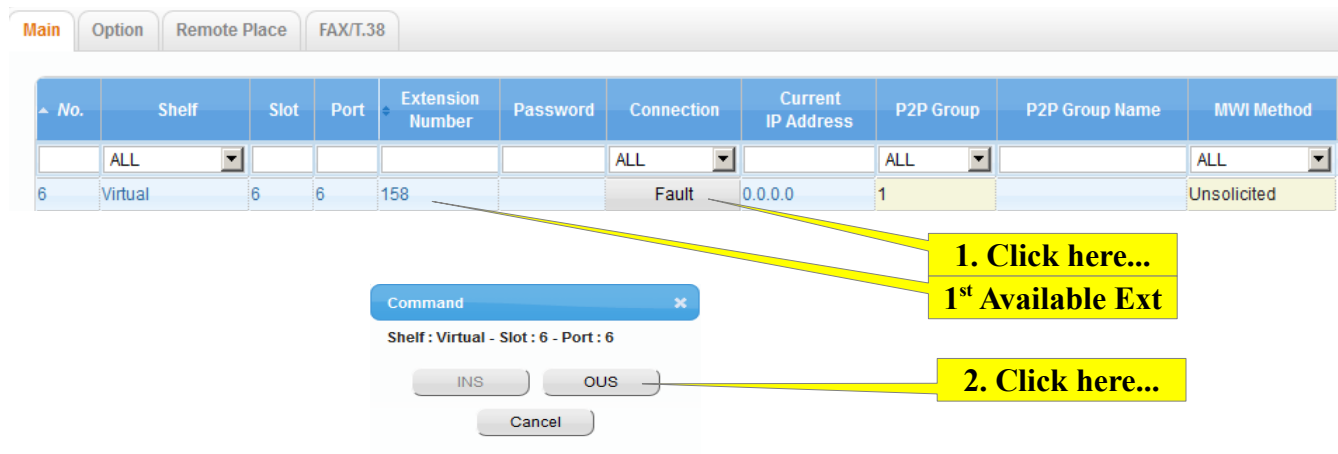


Same screen:

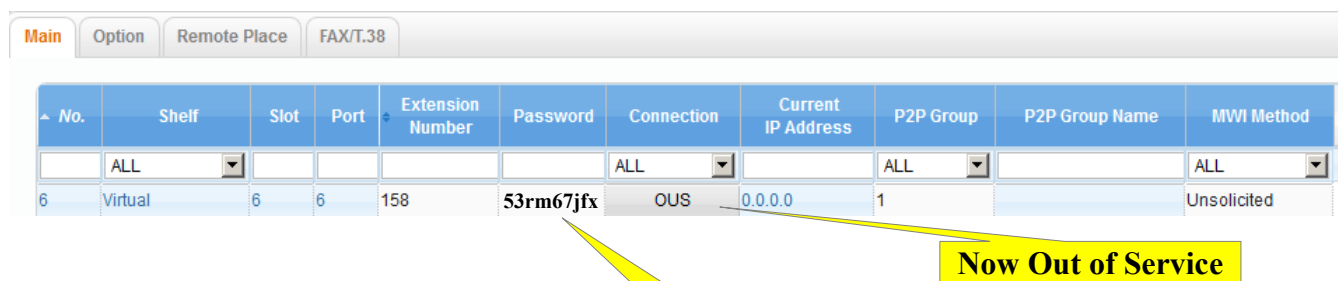


Next screen:

I have cut the screens down to minimize the view.



Same screen:



Be security aware.
Do not use 1234 or anything simple.
Use something like
27jw947x or 53rm67jfx

1. Add a password.
This will be the SIP Password
used for SIP Registration
AKA: SIP Authentication

Same screen:

1. Click here...

Main Option Remote Place FAX/T.38										
No.	Shelf	Slot	Port	Extension Number	Password	Connection	Current IP Address	P2P Group	P2P Group Name	MWI Method
6	Virtual	6	6	158	53rm67jfx	OUS	0.0.0.0	1		Unsolicited

Next screen:

1. Click here...

Main Option Remote Place FAX/T.38							
No.	Shelf	Slot	Port	Extension Number	Password	Connection	Phone Location
6	Virtual	6	6	158	53rm67jfx	OUS	Local
7	Virtual	6	7	159		Fault	
8	Virtual	6	8	160		Fault	

2. Be sure it is set to Local

View 1-20 of 32

3. Click here...

Same screen...

Main Option Remote Place FAX/T.38							
▲ No.	Shelf	Slot	Port	Extension Number	Password	Connection	Phone Location
	ALL					ALL	ALL
6	Virtual	6	6	158	53rm67jfx	OUS	Local

4. Click here...

5. Click here...

Command

Shelf: Virtual - Slot: 6 - Port: 6

INS

OUS

Cancel

▲ No.	Shelf	Slot	Port	Extension Number	Password	Connection	Phone Location
	ALL					ALL	ALL
6	Virtual	6	6	158	53rm67jfx	Fault	Local

It will say Fault until the phone is Registered



KXTGP-600 Base Web Browser Access

By default, the Web Browser is disabled.

Use this info to turn it on.




This is done from the Cordless Handset.

To open the unit's Web port

1.  / **MENU**
2. **[▲]/[▼]/[◀]/[▶]**:  → **OK**
3. **[▲]/[▼]**: "Other Option" → **OK**
4. **[▲]/[▼]**: "Embedded Web" → **OK**
5. **[▲]/[▼]**: "On" for "Embedded Web" → **OK**

Next, you will need to determine the IP Address of the Base.

This is done from the Cordless Handset.

1.  / **MENU**
2. **[▲]/[▼]/[◀]/[▶]**:  → **OK**
3. **[▲]/[▼]**: "Status" → **OK**
4. **[▲]/[▼]**: "IPv4 Settings"/"IPv6 Settings" → **OK**
5. **[▲]/[▼]**: "IP Address".
6. 

Once you have completed both steps above, open a web browser on your computer and enter the IP Address you just obtained.

Logon: admin

Password: adminpass

This explains how to program the KXTGP-600 Base to work with the KX-NS700 KSU.

Panasonic
KX-TGP500B04

Status | Network | System | **VoIP** | Telephone | Maintenance

Web Port Close

VoIP

SIP Settings

- Line 1
- Line 2
- Line 3
- Line 4
- Line 5
- Line 6
- Line 7
- Line 8

VoIP Settings

- Line 1
- Line 2
- Line 3
- Line 4
- Line 5
- Line 6
- Line 7
- Line 8

SIP Settings [Line 1]

Phone Number

Phone Number: 158

Line ID:

SIP Server

Registrar Server Address: 192.168.111.201

Registrar Server Port: 15060 [1-65535]

Proxy Server Address:

Proxy Server Port: 5060 [1-65535]

Presence Server Address:

Presence Server Port: 5060 [1-65535]

Outbound Proxy Server

Outbound Proxy Server Address: 24.22.155.45

Outbound Proxy Server Port: 15060 [1-65535]

SIP Service Domain

Service Domain: 192.168.111.201

SIP Source Port

Source Port: 5060 [1024-4915]

SIP Authentication

Authentication ID: 158

Authentication Password:

Save Cancel

Callouts:

1. Click here... (points to VoIP tab)
2. Click here... (points to SIP Settings [Line 1])
3. Enter Extension Number (points to Phone Number field)
4. Enter KSU LAN IP Address (points to Registrar Server Address field)
5. Enter 15060 (points to Registrar Server Port field)
6. Enter KSU Public IP Address (points to Outbound Proxy Server Address field)
7. Enter 15060 (points to Outbound Proxy Server Port field)
8. Enter KSU LAN IP Address (points to Service Domain field)
9. Enter Extension Number (points to Authentication ID field)
10. Enter Password See Page 3 (points to Authentication Password field)
11. Click here... (points to Save button)