

**CÔNG TY NAM LONG**  
**TEL: 092 888 2345**  
**[www.namlong.vn](http://www.namlong.vn)**

## **Cài đặt Setting**

Lưu ý : Cắm nguồn, cáp USB, LAN trước khi cài đặt driver từ CDROM  
Setup Conferencing Phone Manager (Trong Software)

# 5. Setting

## ■ NT700 has following 2 method for setting

- Setting by using CPM.
- Setting by using NT700 unit.

# 5-1. Setting by using CPM

## Easy setting

The screenshot displays the Conferencing Phone Manager (CPM) web interface. The main window has a blue header and a navigation bar with tabs for Phonebook, History, Call Control, and Maintenance. The Maintenance tab is selected and highlighted with a red box. Below the navigation bar, the Maintenance page is visible, showing a list of settings: CPM program settings, Unit settings (highlighted with a red box), Network Camera registration, License, Backup phonebook, Restore phonebook, CPM Version, and Clear Quick Dial history. A red arrow points from the 'Unit settings' link to a separate dialog box titled 'KX-NT700 Preferences'. This dialog box shows a list of settings on the left and a 'System Status Confirmation' table on the right. The table contains the following information:

System Status Confirmation	
Software Version:	R02.19
IP Address:	192.168.0.200
Subnet Mask:	255.255.255.0
Default Gateway:	0.0.0.0
DHCP Server Address:	0.0.0.0
MAC Address:	00-80-F0-3F-c3-14

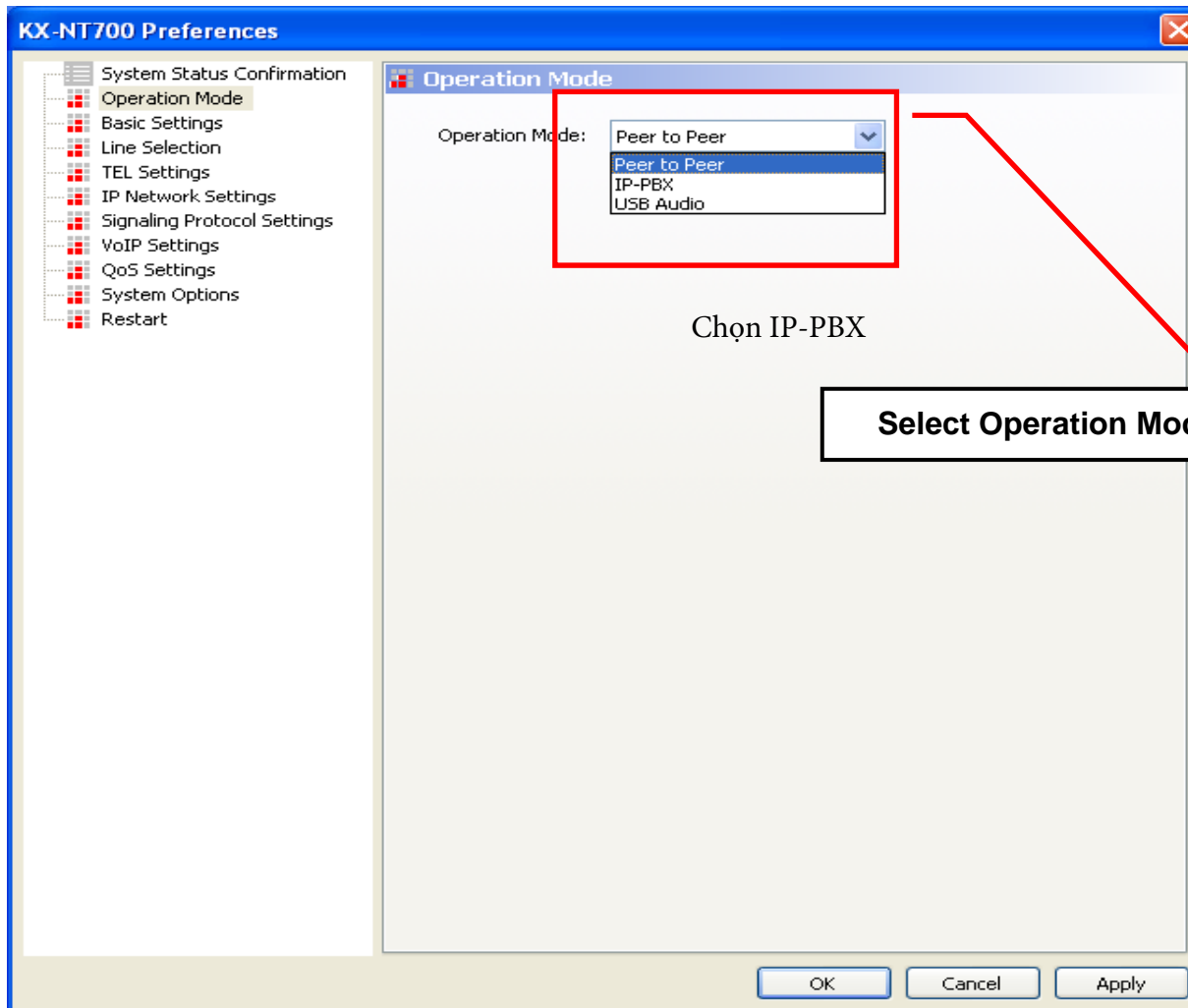
At the bottom of the dialog box, there are 'OK', 'Cancel', and 'Apply' buttons. A red arrow also points from the 'Maintenance Tab' label to the Maintenance tab in the CPM interface.

**Maintenance Tab**

**Select Unit settings for setting mode**

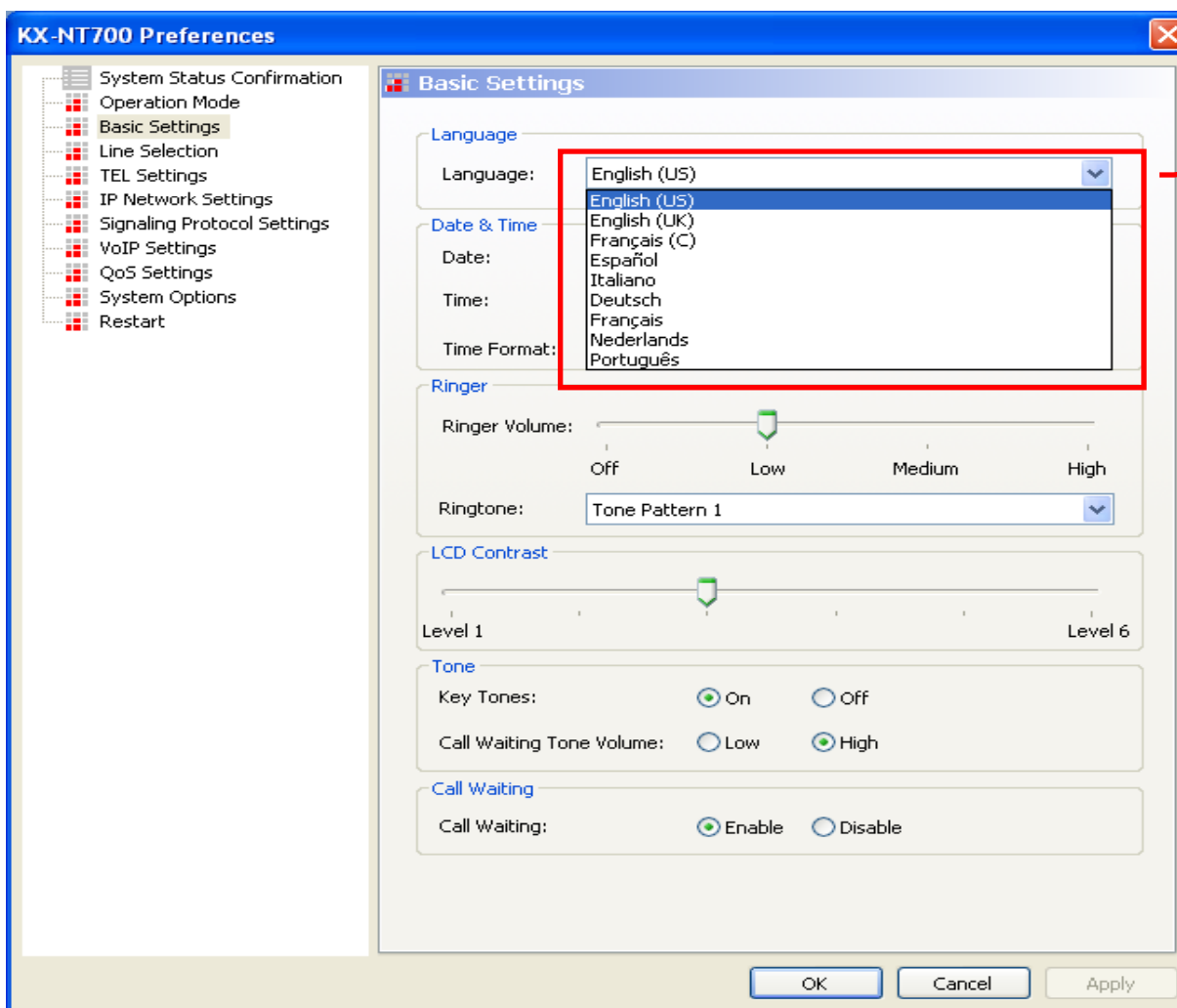
# 5-1. Setting by using CPM

## Operation Mode



# 5-1. Setting by using CPM

## Basic Settings

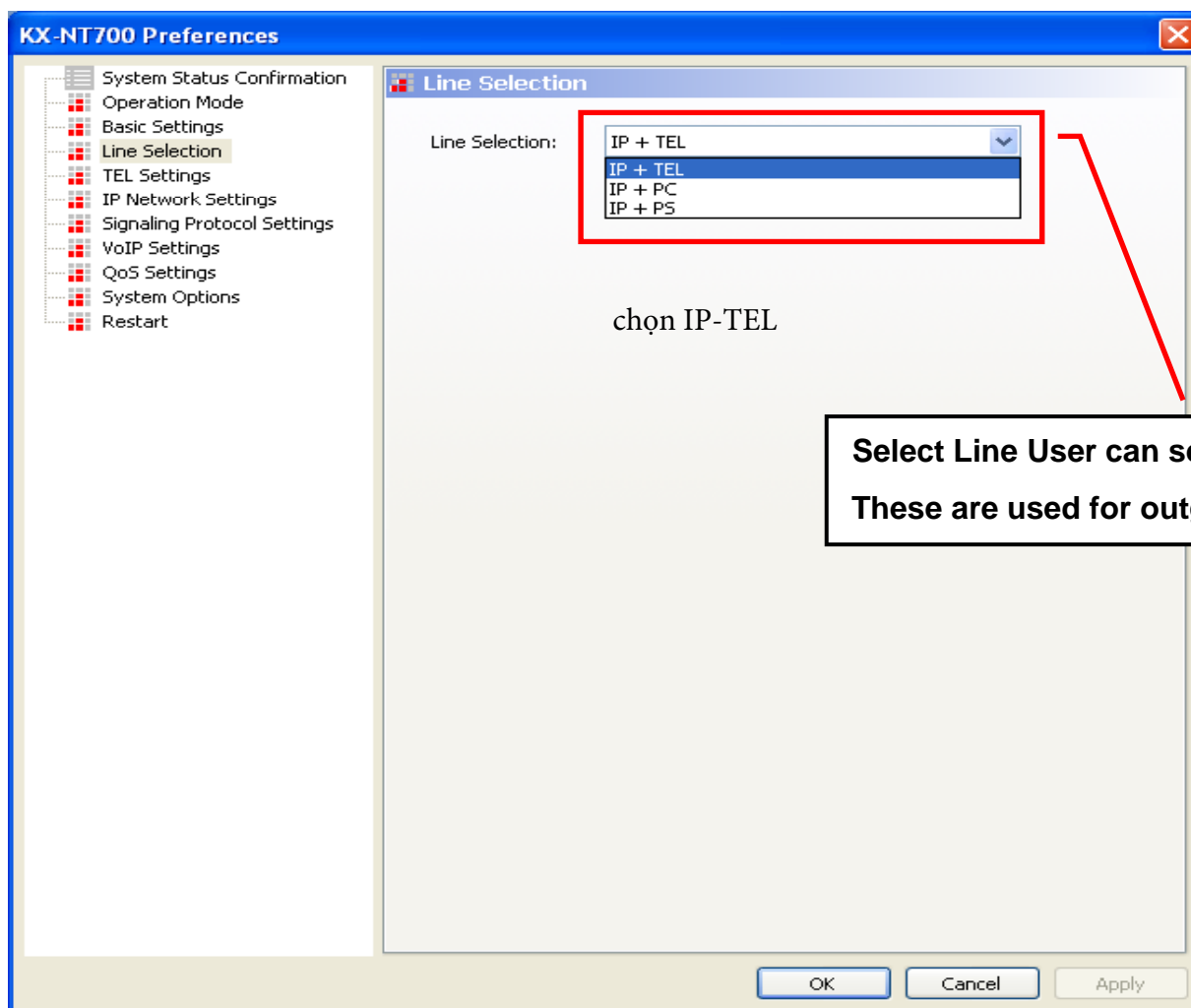


### Supported Languages

- English (US)
- English (UK)
- Canadian French
- Spanish
- Italian
- German
- French
- Dutch
- Portuguese

# 5-1. Setting by using CPM

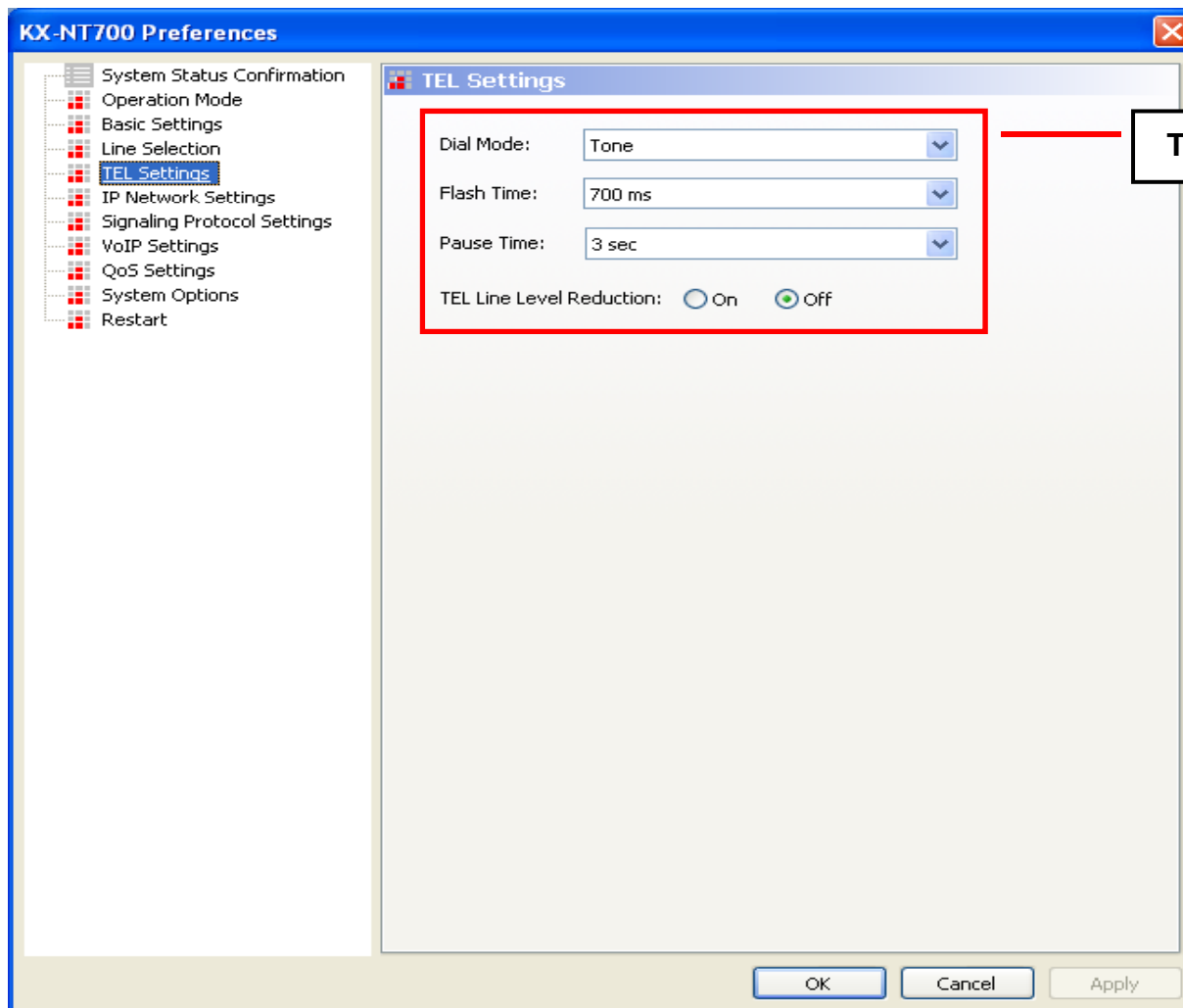
## Line Selection



Select Line User can select IP Line or TEL Line.  
These are used for outgoing call.

# 5-1. Setting by using CPM

## TEL Settings



# 5-1. Setting by using CPM

## IP Network Settings

The screenshot shows the 'KX-NT700 Preferences' dialog box with the 'IP Network Settings' tab selected. The left sidebar lists various settings categories, with 'IP Network Settings' highlighted. The main area contains the following fields:

IP Address	
IP Address Mode:	Static
IP Address:	192 . 168 . 0 . 2
Subnet Mask:	255 . 255 . 255 . 0
Default Gateway:	0 . 0 . 0 . 0

Below the fields, there is a note in Vietnamese: "Chọn IP LAN Local hoặc Chọn DHCP" (Choose IP LAN Local or Choose DHCP). At the bottom of the dialog are 'OK', 'Cancel', and 'Apply' buttons.

IP Address for NT700.



# 5-1. Setting by using CPM

## Signaling Protocol Settings

The screenshot shows the 'KX-NT700 Preferences' dialog box with the 'Signaling Protocol Settings' section selected. The settings are as follows:

- SIP**
  - SIP Ext. No: 160 User
  - SIP Password: .... PW
- SIP Proxy Server**
  - User Domain Name: 192.168.0.101
  - IP Address: 192 . 168 . 0 . 101
  - Port Number: 5060
- SIP Registrar Server**
  - IP Address: 192 . 168 . 0 . 101
  - Port Number: 5060
- Hold Method**
  - Hold Method: RFC3264

Annotations with red boxes and arrows:

- A red box around the 'SIP Ext. No' field (160) is annotated with 'Extension No. for NT700 in PBX.'
- A red box around the 'User Domain Name' and 'IP Address' fields (192.168.0.101) is annotated with 'IP Address for PBX or Server.'
- A red box around the 'SIP Registrar Server' IP Address field (192.168.0.101) is also annotated with 'IP Address for PBX or Server.'

Buttons at the bottom: OK, Cancel, Apply.

# 5-1. Setting by using CPM

## VoIP Settings

KX-NT700 Preferences

- System Status Confirmation
- Operation Mode
- Basic Settings
- Line Selection
- TEL Settings
- IP Network Settings
- Signaling Protocol Settings
- VoIP Settings
- QoS Settings
- System Options
- Restart

**VoIP Settings**

Preferred Codec: G.711A-law

RTP Packet Size: 20 ms

SIP Signaling Port Number: 5060

RTP Port Number (Min.): 51000

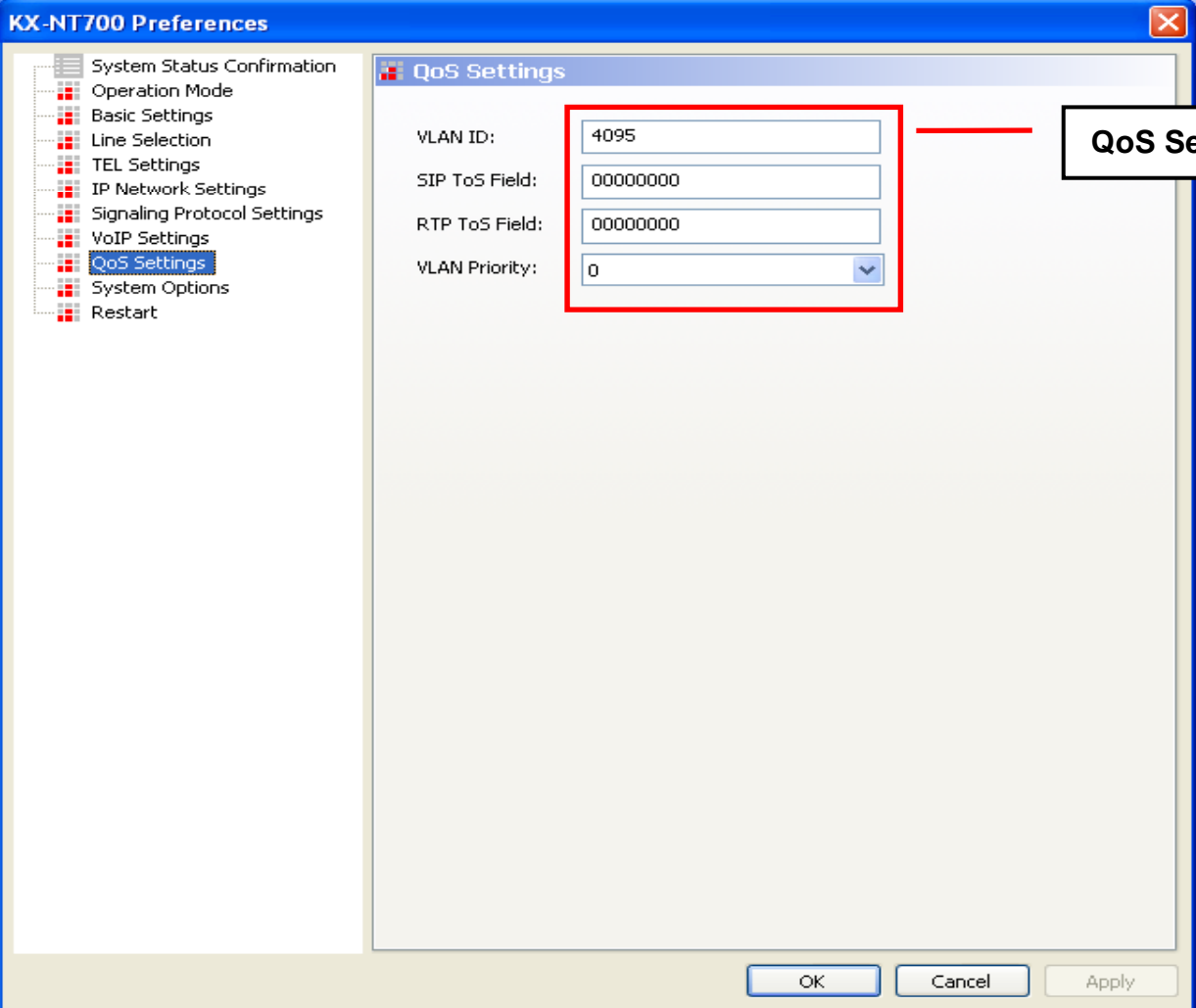
RTP Port Number (Max.): 52000

OK Cancel Apply

VoIP Settings for NT700.

# 5-1. Setting by using CPM

## QoS Settings

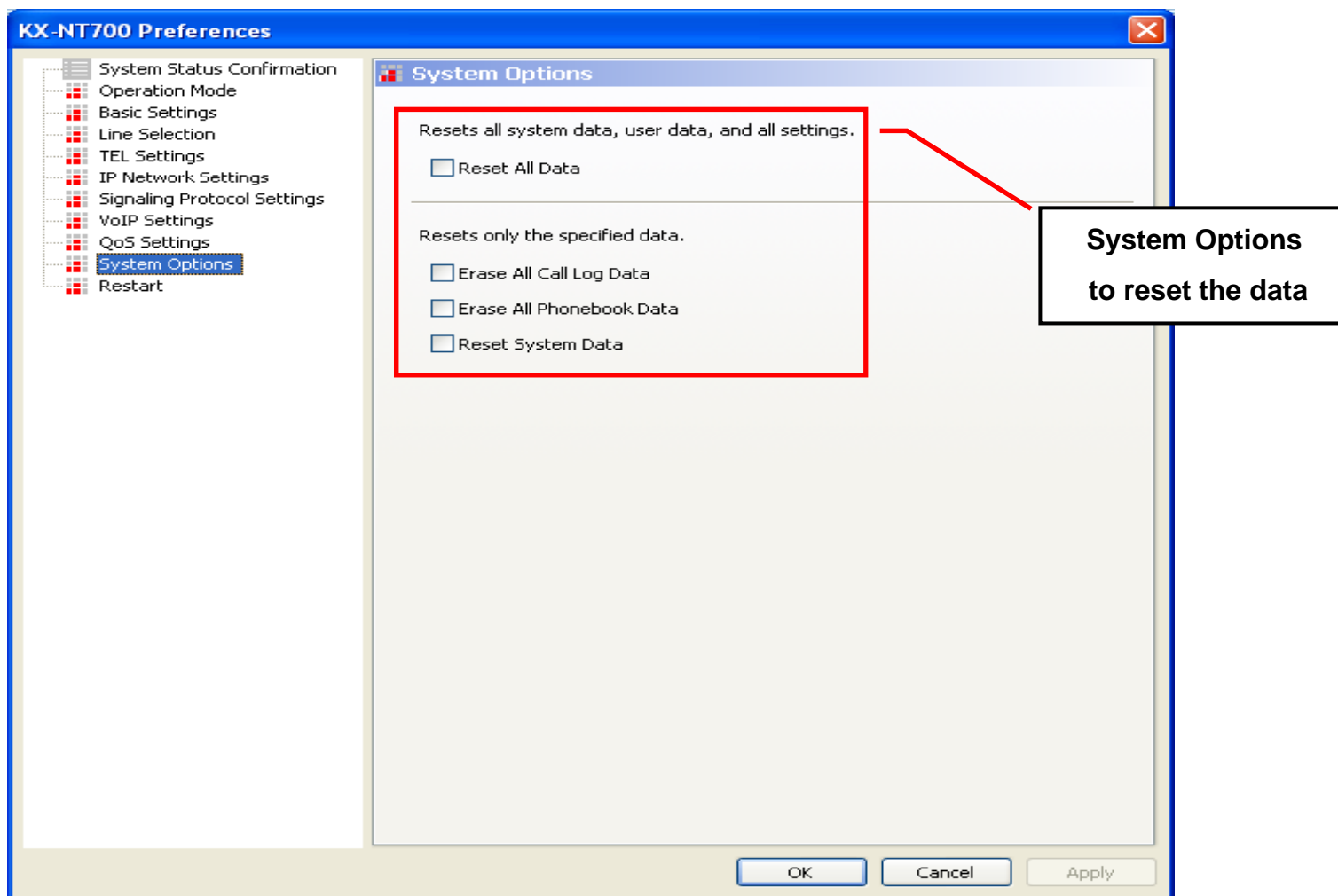


The screenshot displays the 'KX-NT700 Preferences' dialog box. On the left is a tree view with the following items: System Status Confirmation, Operation Mode, Basic Settings, Line Selection, TEL Settings, IP Network Settings, Signaling Protocol Settings, VoIP Settings, **QoS Settings** (highlighted), System Options, and Restart. The main area is titled 'QoS Settings' and contains four fields: 'VLAN ID' with the value '4095', 'SIP ToS Field' with '00000000', 'RTP ToS Field' with '00000000', and 'VLAN Priority' with a dropdown menu set to '0'. A red rectangular box highlights these four fields. A callout box with a black border and white background, containing the text 'QoS Settings for NT700.', has a red line pointing to the 'VLAN ID' field. At the bottom of the dialog are three buttons: 'OK', 'Cancel', and 'Apply'.

Field	Value
VLAN ID	4095
SIP ToS Field	00000000
RTP ToS Field	00000000
VLAN Priority	0

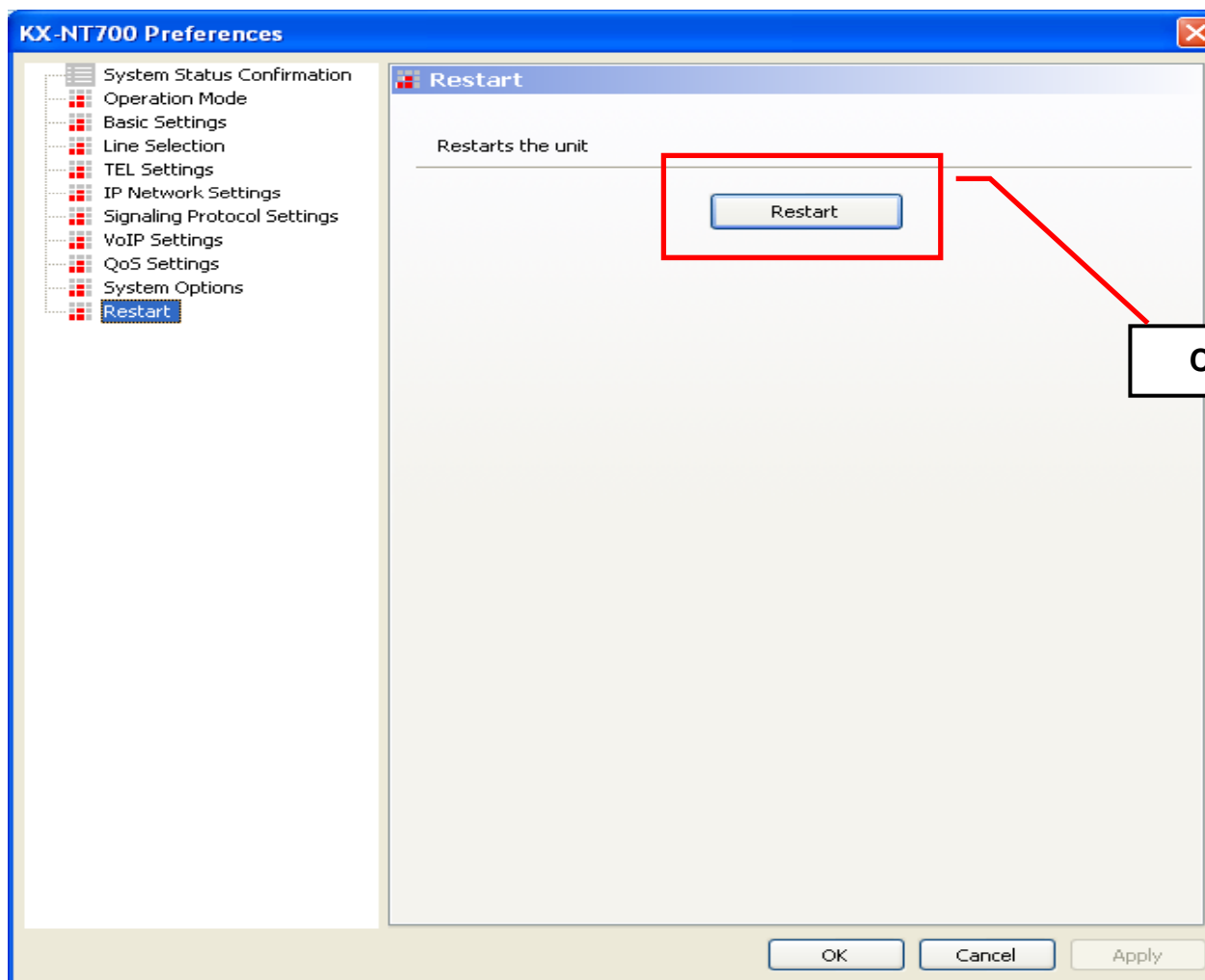
# 5-1. Setting by using CPM

## System Options



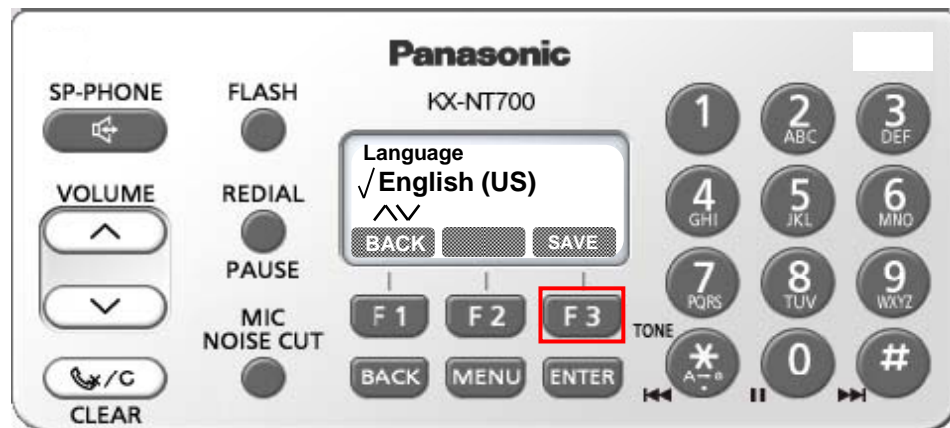
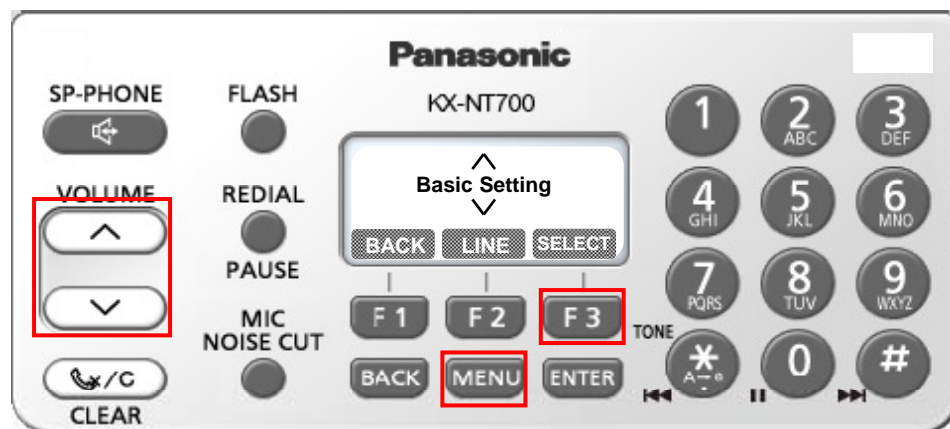
# 5-1. Setting by using CPM

## Restart



# 5-2. Setting by using NT700 unit

## Changing the Language



Determines the display language.

Use the following procedure to change the language.

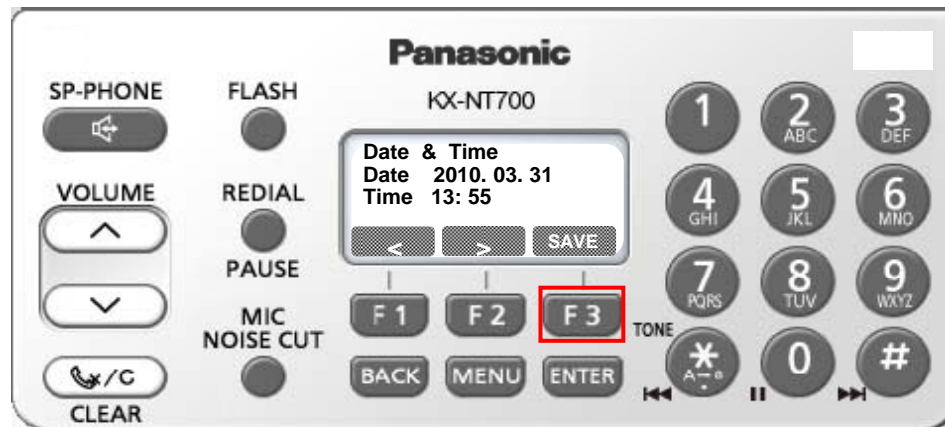
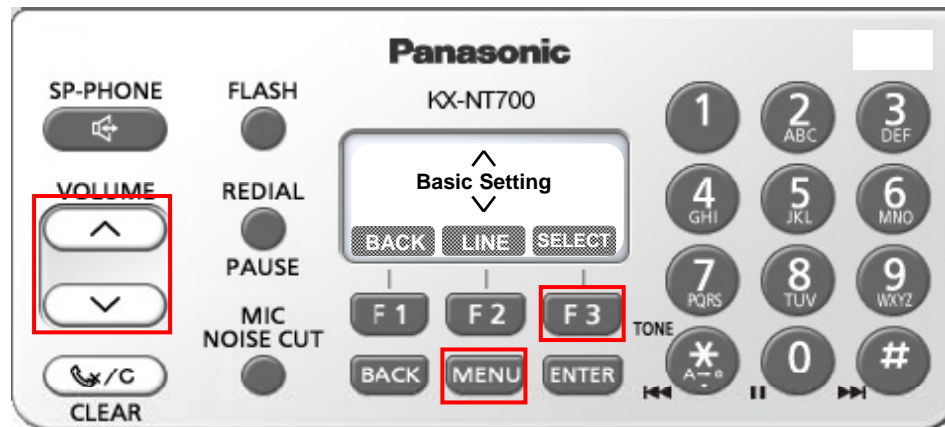
1. Press [MENU]
2. Select "Basic Settings", then press [F3](SELECT)
3. Select "Language", then press [F3](SELECT)
4. Press [^] or [v] repeatedly to select the desired language.
5. Press [F3](SAVE)
6. Press [MENU]

Note) Available settings

- English (US) : default
- Spanish
- French
- Canadian French
- Italian
- Dutch
- Portuguese
- German
- English (UK)

# 5-2. Setting by using NT700 unit

## Setting the Date & Time



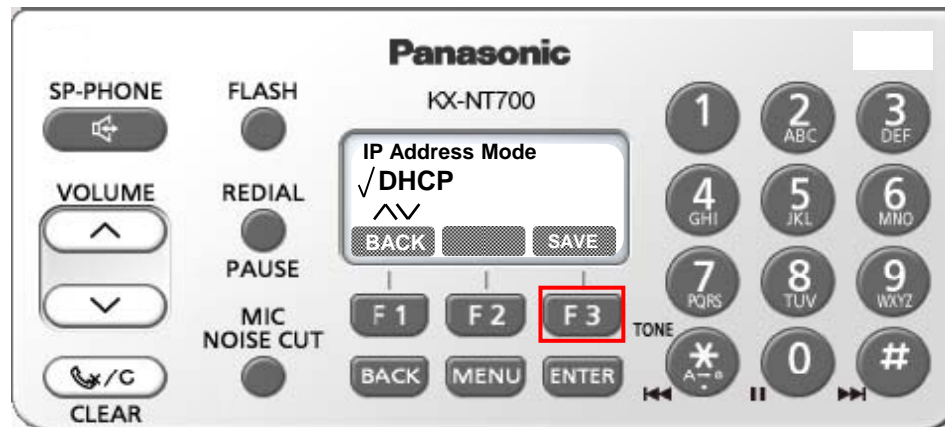
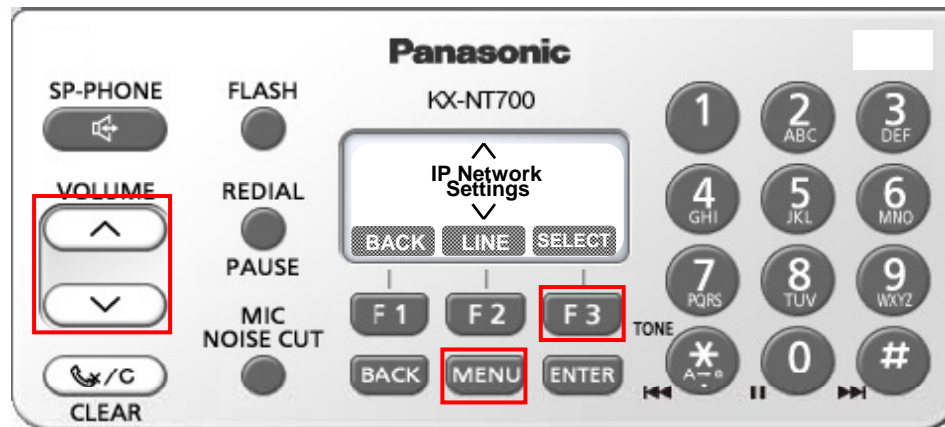
The date and time are shown on the display in standby mode, and are displayed when playing conversations that were recorded to an SD memory card.

1. Press [MENU]
2. Select "Basic Settings", then press [F3](SELECT)
3. Select "Date & Time", then press [F3](SELECT)
4. Using keypad, enter 2 digits each for year, month, day of the month, hour (24-hour format), and minute.  
Example: To enter "Mar. 31, 2010, 1:55 PM", press [1003311355]
5. Press [F3](SAVE)
6. Press [MENU]

Note) You can select 12-hour or 24-hour time display  
"Basic Settings" => "Time Format"

# 5-2. Setting by using NT700 unit

## IP Network Setting (DHCP)



You can select IP address mode: DHCP or Static  
DHCP for Automatic Assignment  
Static for Manual Assignment

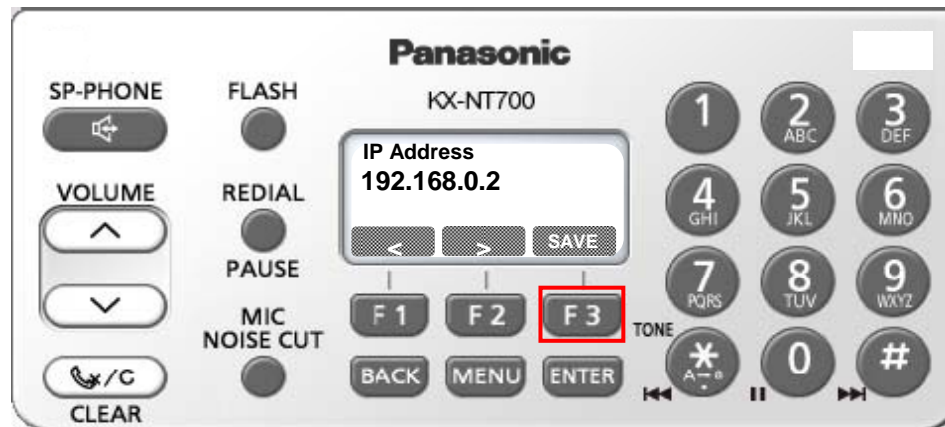
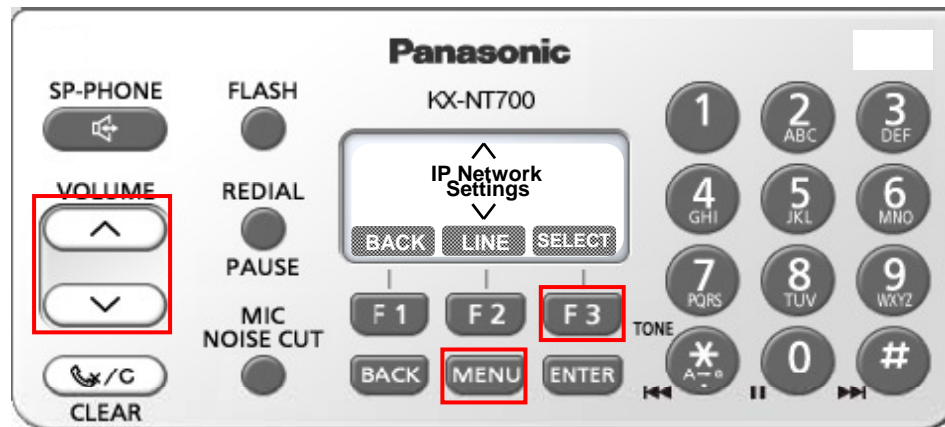
1. Press [MENU]
2. Select "IP Network Settings", then press [F3](SELECT)
3. Select "IP Address Mode", then press [F3](SELECT)
4. Select "DHCP"
5. Press [F3](SAVE)
6. Press [MENU]

Note) If this setting is changed, the unit must be restarted before the new setting becomes effective.  
To confirm the IP address, press [MENU] => [Show IP Address] => [F3](SELECT)



# 5-2. Setting by using NT700 unit

## IP Network Setting (Static)



You can select IP address mode: DHCP or Static  
DHCP for Automatic Assignment  
Static for Manual Assignment

1. Press [MENU]
2. Select "IP Network Settings", then press [F3](SELECT)
3. Select "IP Address Mode", then press [F3](SELECT)
4. Select "Static", then press [F3](SAVE)
5. Select "IP Address", then press [F3](SELECT)
6. Enter the IP address to be assigned to the unit, then press [F3](SAVE)
7. Select "Subnet Mask", then press [F3](SELECT)
8. Enter the subnet mask, then press [F3](SAVE)
9. Select "Default Gateway", then press [F3](SELECT)
10. Enter the IP address of the default gateway, then press [F3](SAVE)
11. Press [MENU]

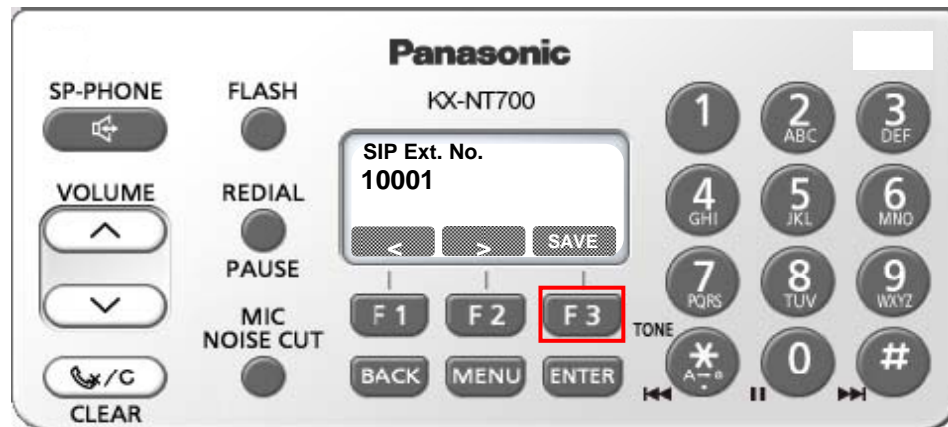
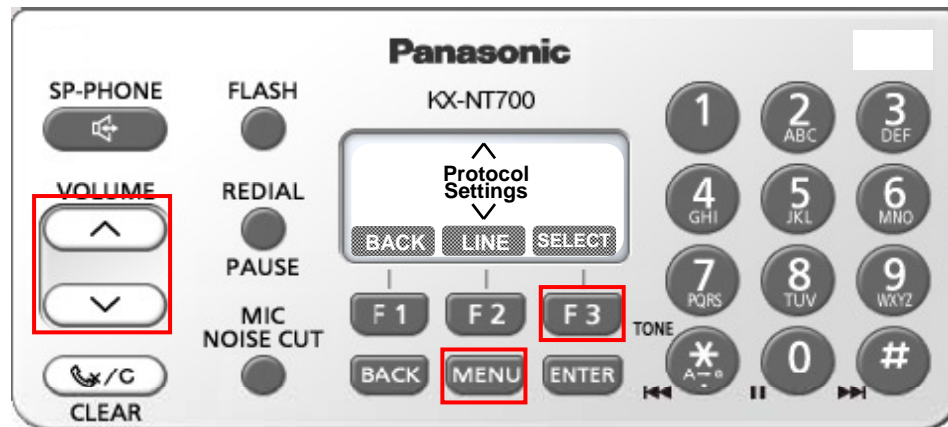
**Note)** If this setting is changed, the unit must be restarted before the new setting becomes effective.

To confirm the IP address, press

[MENU] => [Show IP Address] => [F3](SELECT)

## 5-2. Setting by using NT700 unit

### SIP Settings for connecting to IP-PBX

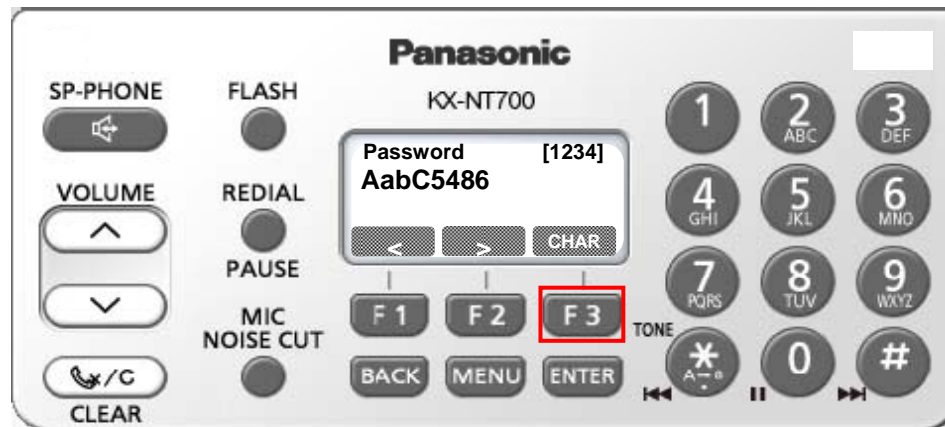
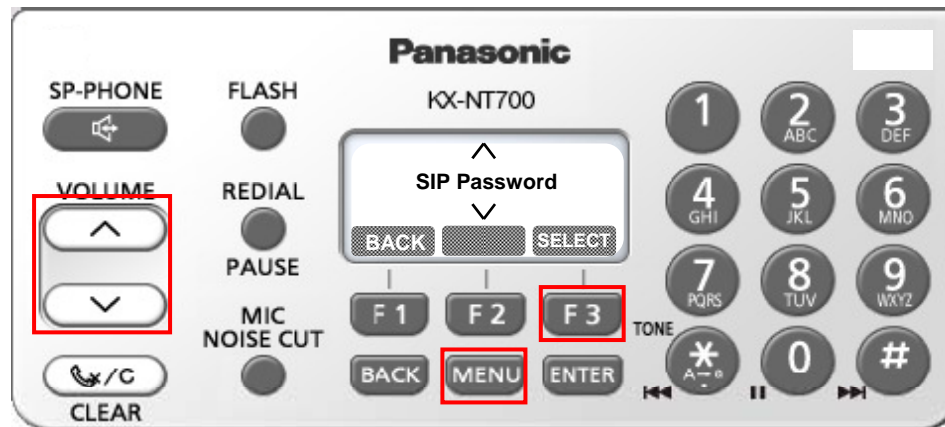


To use the unit as a SIP extension of the IP-PBX, the unit must be registered as a SIP extension through PBX programming, the “Operation Mode” setting must be set to “IP-PBX”, and the following setting must be set to match the settings of the IP-PBX.

1. Press [MENU]
2. Select “Protocol Settings”, then press [F3](SELECT)
3. Select “SIP Ext. No.”, then press [F3](SELECT)
4. Enter the unit’s extension number (max. **32** digits), then press [F3](SAVE)

## 5-2. Setting by using NT700 unit

### SIP Settings for connecting to IP-PBX



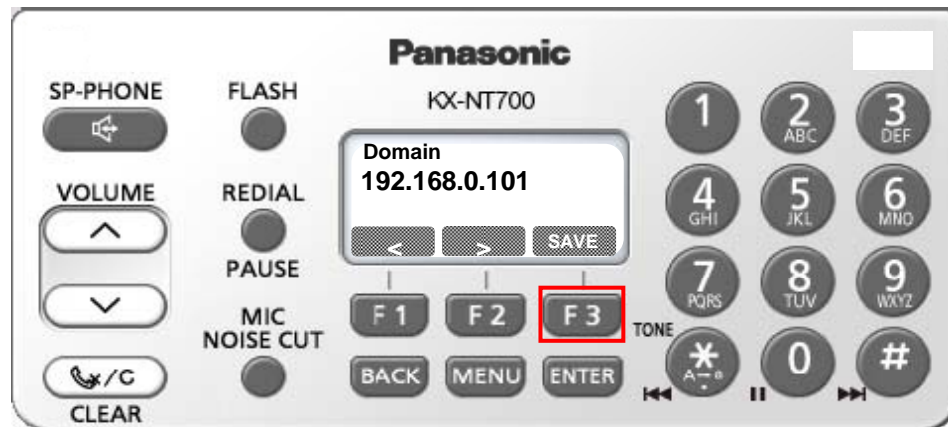
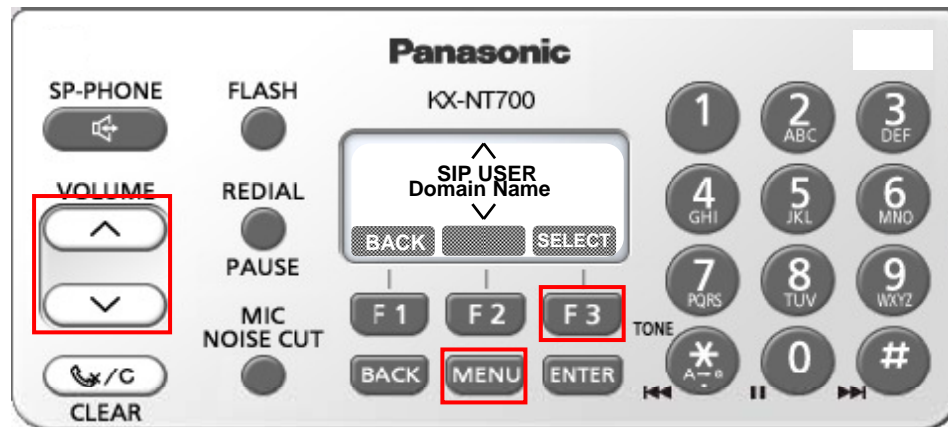
5. Select "SIP Password", then press [F3](SELECT)
6. Press [F3](EDIT)
7. Enter the password (max. 32 characters), then press [ENTER]

Press [F3](CHAR) to switch between numeric and alphabet entry modes.

Press [\*] to change between uppercase and lowercase character entry.

## 5-2. Setting by using NT700 unit

### SIP Settings for connecting to IP-PBX

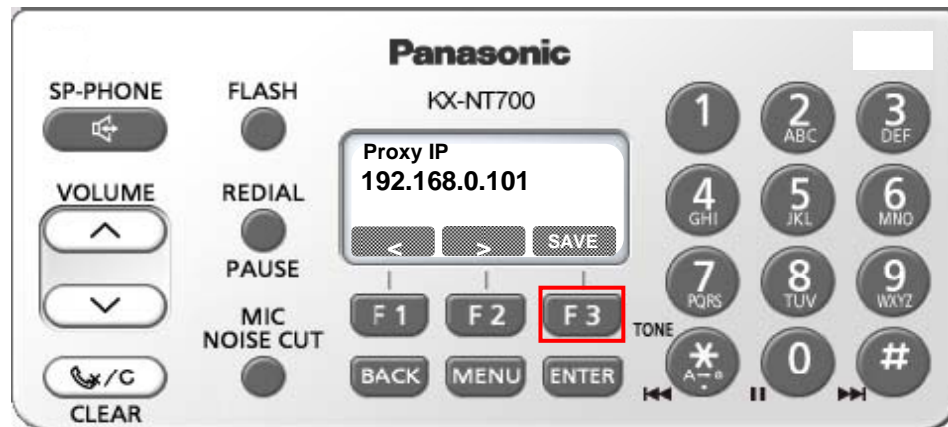
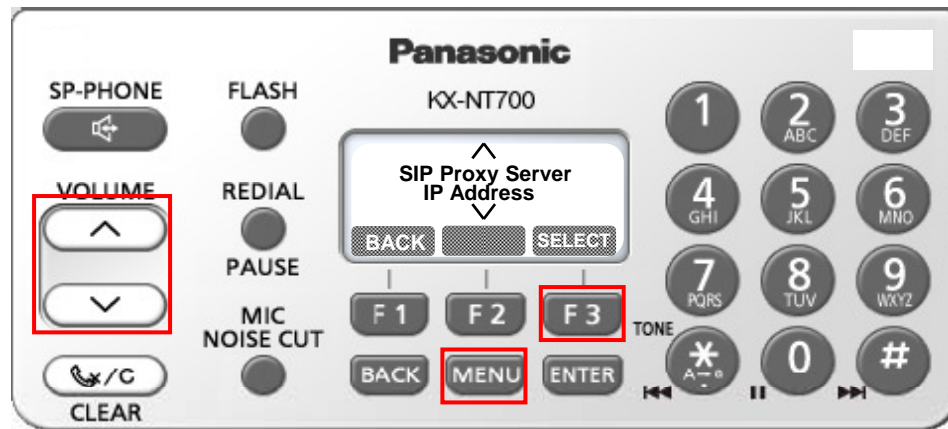


8. Select "SIP user Domain Name". Then press [F3](SELECT)

9. Enter the IP address of the IP-PBX, then press [F3](SAVE)

## 5-2. Setting by using NT700 unit

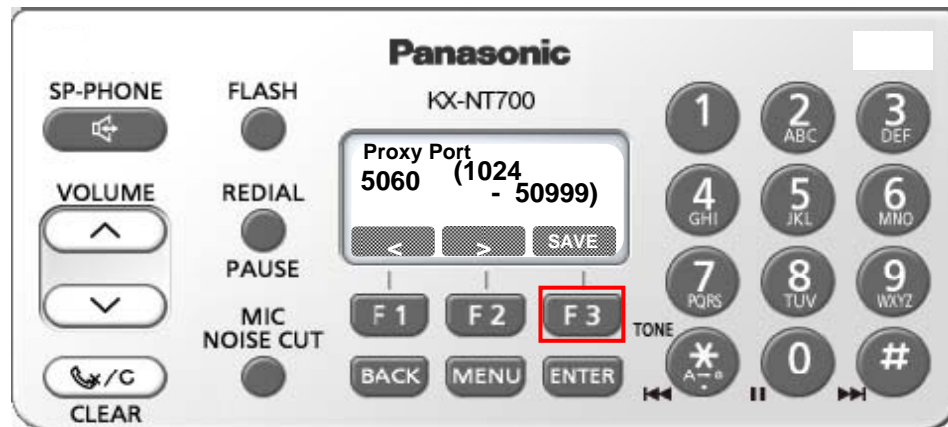
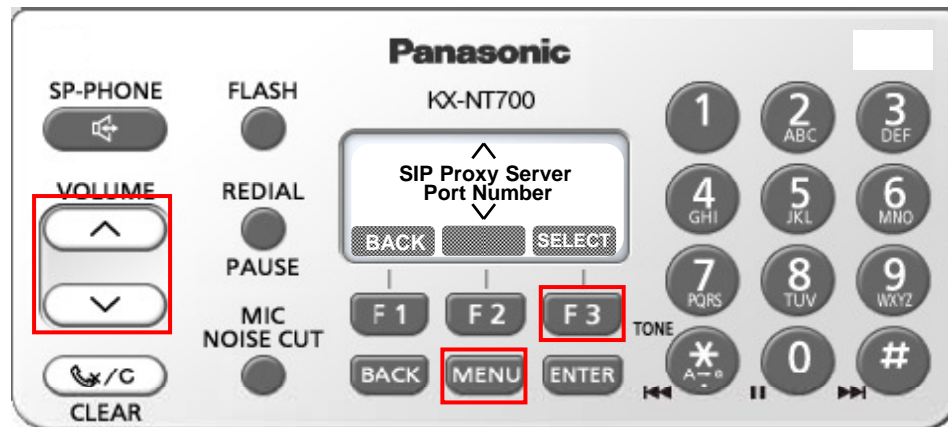
### SIP Settings for connecting to IP-PBX



10. Select "SIP Proxy Server IP address", then press [F3](SELECT)
11. Enter the IP address of the IP-PBX, then press [F3](SAVE)

## 5-2. Setting by using NT700 unit

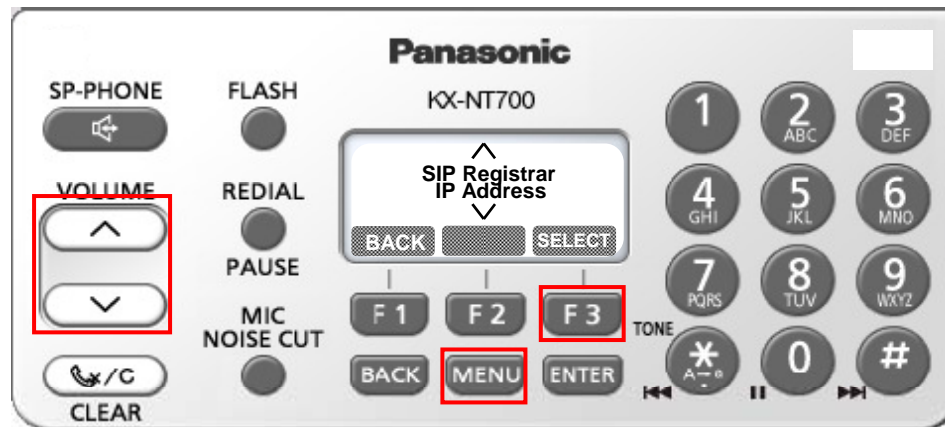
### SIP Settings for connecting to IP-PBX



12. Select "SIP Proxy Server Port Number", then press [F3](SELECT)
13. Enter SIP port number of the PBX or SIP proxy server, then press [F3](SAVE)

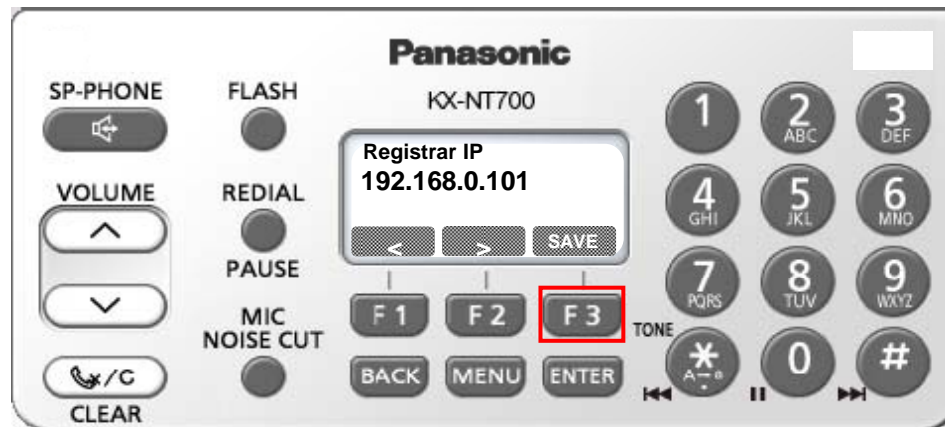
## 5-2. Setting by using NT700 unit

### SIP Settings for connecting to IP-PBX



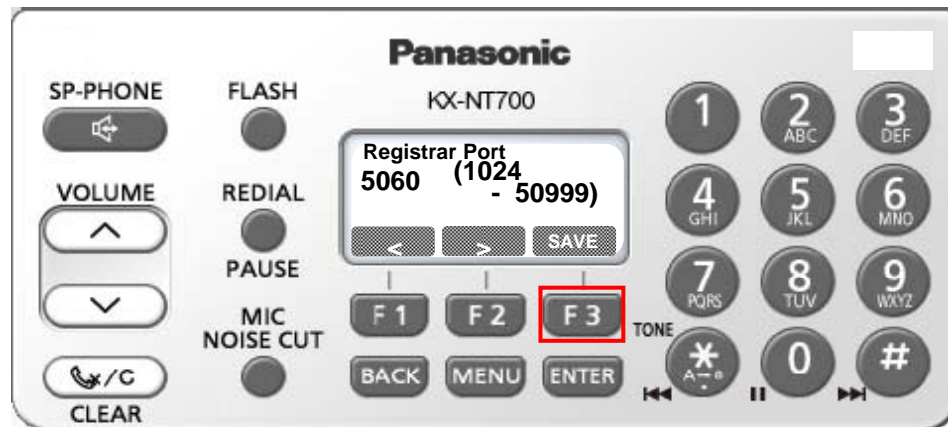
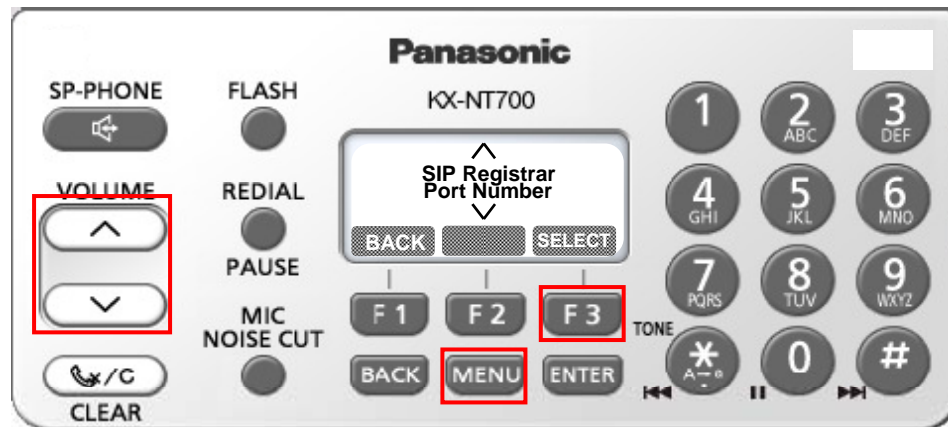
14. Select "SIP Registrar IP Address", then press [F3](SELECT)

15. Enter the IP address of the IP-PBX, then press [F3](SAVE)



## 5-2. Setting by using NT700 unit

### SIP Settings for connecting to IP-PBX



16. Select "SIP Registrar Port Number", then press [F3](SELECT)

17. Enter the SIP port number of the IP-PBX or SIP registrar server, then press [F3](SAVE)

18. Press [MENU]

Note) If this setting is changed, the unit must be restarted before the new setting becomes effective.



# 6. Appendix