TOSHIBA

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Strata

CIX

Strata CIX and CTX
IPT/DKT Telephone
Telephone Administrator Manual

CAUTION! **Do not use cleansers that contain benzene, paint thinner, alcohol or other solvents on the telephone's rubber feet. The color of the rubber may transfer to the desk or mounting surface.**

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Contents

Introduction

Chapter 1 – Administrator Mode

Chapter 2 – DKT/IPT Settings

Chapter 3 – IPT2008-SDL Settings

Introduction

This Telephone Administrator Manual provides Administrator level instructions for the Toshiba Strata CTX28, CTX 100-S, CTX100, and CTX670 telephone systems

- Strata IP telephone (IPT1020-SD, IPT2010-SD, IPT2020-SD and IPT2008-SDL)

- Strata DKT3000- and 2000-series digital telephones

- Strata Digital Add-on Module (DADM)

- Strata IP Add-on Module (IADM2020)

- Strata Direct Station Selection (DSS) console

Organization

- **Chapter 1 – Administrator Mode**
- **Chapter 2 – DKT/IPT Settings**
- **Chapter 3 – IPT2008-SDL Settings**

How to Use This Guide

This guide provides in-depth instructions for the IPT1020-SD, IPT2000-series, DKT3000- and DKT2000-series telephones and their features. Most telephone users can use the *"Strata CTX DKT/IPT Quick Reference Guide"* instead of this guide.

Conventions

Conventions	Description
Note	Elaborates specific items or references other information. Within some tables, general notes apply to the entire table and numbered notes apply to specific items.
Important!	*Calls attention to important instructions or information.*
Extension Number	Press to answer a call to the Extension Number. Each station can have multiple extension buttons. Incoming calls ring the extension button(s) from the top down. For example, station 10's extensions ring 10-1 first, then 10-2, 10-3, and 10-4. A station is considered busy when all extensions are being used. **Note** The naming convention for DKT assignments within Toshiba is Directory Numbers. For clarity and ease of understanding, the terms Extension Number and Phantom Extension Number will be used in this document in lieu of PDN and PhDN.
Arial Bold	Represents telephone buttons.
+	shows a multiple PC keyboard or telephone button entry. Entries without spaces between them show a simultaneous entry. Example: **Delete**+**Enter**. Entries with spaces between them show a sequential entry. Example: **#** + **5**.
Tilde (~)	Means "through." Example: 350~640 Hz frequency range.
See Figure 10	Grey words within the printed text denote cross-references. In the electronic version of this document (Library CD-ROM or FYI Internet download), cross-references appear in blue hypertext.

Related Documents/Media

Note Some documents listed here may appear in different versions on the CD-ROM or in print. To find the most current version, check the version/date in the Publication Information on the back of the document's title page.

Refer to the following for more information:

- Strata CIX and CTX IPT/DKT Telephone User Guide

- Strata CIX Application and Documentation Library CD-ROM

- Strata CTX Winadmin Application Software and CTX/DK/Partner Products Documentation Library CD-ROM

- Internet FYI > Documentation for all Strata CIX and CTX Manuals

Administrator Mode

1

This chapter contains some of the functions that can be performed using Administrator Mode.

Important!   *These functions require Strata CTX release 2.22 or higher software.*

You can access the Administrator mode using either the DKT2000 or DKT3000 series telephones. Toshiba recommends using the DKT3020-SD.

To access the Admin mode, the telephone must be enabled for this function in system programming by the telephone system administrator.

Functions

Using the soft keys on your telephone, you can program the following functions in Administrator mode:

- Phone Name – enter the Extension (PDN) name for any telephone in the Strata CTX
- Door Name – enter door phone name
- System SD/Name[1] – enables you to program system speed dial names
- Station SD/Name[1] – enables you to program station speed dial names for any station in the system
- CO Line Name – program CO line names
- DNIS Name – program DNIS names

1   The Admin telephone mode allows speed dial names to be programmed but the actual speed dial numbers are programmed using the speed dial programming procedures in this guide.

General Operation

➤ Use these buttons to navigate the different functions

Navigation Button	Function
Mode	Previous Menu; exit Admin mode
Scroll	Next Item/screen (Forward) or move cursor to Right column
Page	Previous Item/screen (Back) or move cursor to Left column
Hold	Enter

Notes

- You can use Scroll/Page button to select Menu and Hold key to enter the Menu.

- You can enter digits or alphanumeric Name from Dial Pad.

- You can use the Mode button to back a screen
  ...or
  you can use the Mode button while entering a Name or Number to go back to a Prompt Screen.

You can enter alphanumeric characters from the dial pad (shown in Table 1).

Note When using the Alphanumeric dial pad, use Page to Back Space and delete a character; use Scroll to enter a space in a name.

Table 1   Dial Pad Alphanumeric Characters

Dial Pad Buttons	Number of times to press the dial pad button				
	1	2	3	4	5
1	-	.	:	,	1
2	A	B	C	'	2
3	D	E	F	!	3
4	G	H	I	&	4
5	J	K	L	*	5
6	M	N	O	#	6
7	P	Q	R	S	7
8	T	U	V	?	8
9	W	X	Y	Z	9
0	(	)	&	/	0

Administrator Mode

➤ **To enter Administrator Mode**

1. Press the **Mode** button.

```
┌─────────────────────────────┐
│  BC2              NO. 304    │
│  NOV 20   THURSDAY    4:20   │
│  SK1    SK2    SK3    SK4    │
│  ▭      ▭      ▭      ▭      │
└─────────────────────────────┘
                         7587
```
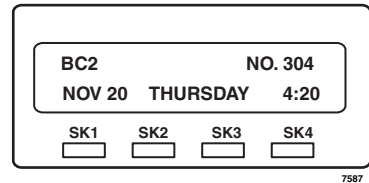
2. Press **Scroll**. (**Scroll** is the "ADMIN" Soft Key. The "Password" prompt appears.

   ...or to return to the first screen, press **Mode**.

3. Enter the password + **Hold**.
   Default password = 0000

```
┌─────────────────────────────┐
│  BC2              NO. 304    │
│            ADMIN            │
│  SK1    SK2    SK3    SK4    │
│  ▭      ▭      ▭      ▭      │
└─────────────────────────────┘
                         7588
```
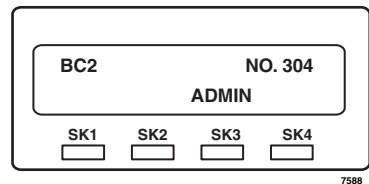
**Press SK3, the
ADMIN Soft Key**

➤ **To view the following Administrator Functions or LCD screens**

Refer to "General Operation" on page 2 to navigate between functions.

PHONE NAME	Press **Hold**.	DN ID
	Enter the DN ID number.	
	This is the extension number (PDN) of the telephone.	
	Enter the Phone Name that corresponds with that DN ID.	
	Press **Hold,** pressing Hold will register the name and let you make the next Phone name entry.	
	Press **Mode** to cancel or go back. Note: Once the name is registered you cannot cancel the entry.	
	Press **Page** to move to the previous display or **Scroll** to move to the next display.	

DOOR NAME	Press **Hold**. Enter the Door Phone number (01~24).	DOOR PHONE NO. 01
	Enter the Door name that corresponds with that Door Number.	
	Press **Hold,** pressing Hold will register the name and let you make the next Phone name entry.	
	Press **Mode** to cancel or go back. Note: Once the name is registered you cannot cancel the entry.	
	Press **Page** to move to the previous display or **Scroll** to move to the next display.	
SYSTEM SD/NAME **Note** To enter a speed dial number, refer to Speed Dial in the Advanced section of this guide.	Press **Hold**. Enter the Speed Dial Index (000~799).	IDX 000
	Press **Mode** to return to the previous screen.	
	Enter the alphanumeric name. Press **Hold** to register alphanumeric name corresponding to the entered speed dial index.	IDX 000 04258536 TOSHIBA BC2
STATION SD/ NAME **Note** To enter a speed dial number, refer to Speed Dial in the Advanced section of this guide.	Press **Hold**. Enter the DN ID. This is the extension number (PDN) of the telephone.	DN ID 304
	Pressing **Mode** lets you return to the previous screen and **Hold** registers the entry.	
	Enter the speed dial index (00~99).	DN 304 IDX 00 TOSHIBA BC2 304
	Enter the alphanumeric name.	
	Press **Hold** to register alphanumeric name corresponding to the entered speed dial index.	
CO LINE NAME	Press **Hold**. Enter the CO Line number (1~264).	CO LINE 304
	Pressing **Mode** lets you return to the previous screen and **Hold** registers the entry.	
	Enter the alphanumeric name that corresponds to the CO Line Number.	

DNIS NAME	Press **Hold**.	ILG
	Enter the ILG number (1~128).	003
	Pressing **Mode** lets you return to the previous screen and **Hold** registers the entry.	
	Enter the DID number	ILG 003 DID
	Enter the alphanumeric name that corresponds to the DID Number	
	Press **Hold** to register the entry.	

DKT/IPT Settings

2

This chapter explains how to enter data for your IP and DKT telephones (IPT2010-SD and IPT2020-SD only).

Important!

- *This chapter does not apply to the Strata CTX28.*

- *The IPT2010-SD telephone should not be used to program the telephone system.*

- *Make sure you have the following information before doing any of the steps found in this chapter:*

   IP address, subnet mask number, router address, Station ID, CTX Strata Net node number, IP address for the BIPU-M2A, etc.

Notes

You may want to enter a period or backspace when performing the following steps. While in telephone programming mode (Press **3**+**6**+**9**+**Hold** (simultaneously) to enter programming mode), you can use these buttons for the following functions:

- Press **∗** to enter a period.

- Press **Vol ▼** to backspace.Press **Spkr** to cancel entry and start over.

FB Buttons

When you press **3**+**6**+**9**+**Hold** (simultaneously) to enter telephone programming mode, you may need to press Feature Buttons (**FB**). The following illustrations show you the location of these **FB** buttons on 20, 10, and 14 button telephones.

FB buttons for 20-button phones

IPT1020-SD, and IPT2020-SD

FB buttons for
10-button phones
IPT2010
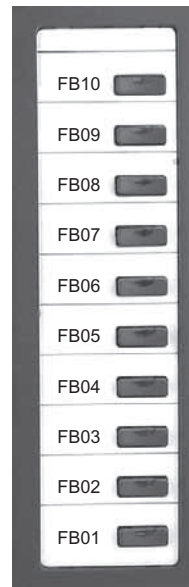
FB buttons for 14-button phones

DKT3014-SDL

Mode
Page
Feature
Scroll

1	2 ABC	3 DEF
4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
✱	0 OPER	#

Msg Spdial ▲ Vol ▼
Mic Redial
Spkr Cnf/Trn Hold

FB07	FB14
FB06	FB13
FB05	FB12
FB04	FB11
FB03	FB10
FB02	FB09
FB01	FB08
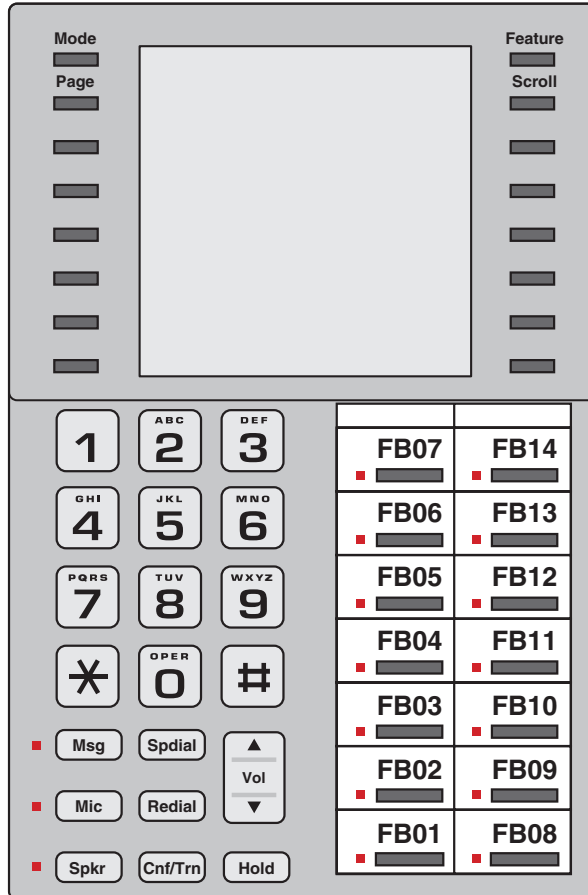
5442

Telephone Programming Mode

The DKT3000-series and IPTs enable you to set a number of features directly from the phone, including: Call Waiting Tone (On/Off), Flex Key, Msg Key, LCD contrast, Speakerphone/Microphone Room Noise Sensitivity (On/Off), and Country settings. "Telephone Programming Mode A" programs settings on a ROM chip inside the telephone.

Note   Some of the procedures use Feature Buttons (FB1, FB2, etc.). When your telephone is in Programming Mode, the flexible buttons are numbered as Feature Buttons, as shown at the beginning of this chapter.

➤ **To place your telephone in Programming Mode**

➤ Press **3**+**6**+**9**+**Hold** simultaneously. The LCD displays "DKT PROGRAM MODE" and "SELECT=". Your phone will not ring if it receives a call while in Programming Mode.

➤ **To exit from Programming Mode**

➤ Go Off- and On-hook or wait for 30 seconds for Programming Mode to automatically time out.

Telephone Program Option Reset

This function resets all Programming Mode option settings to their default setting.

1. Press **3**+**6**+**9**+**Hold** (simultaneously).

2. Press **Vol ▲** + **Msg** (**Msg** LED On means reset is set to activate)

3. Press **Hold** to activate reset.

4. Go off-hook, then on-hook to exit the program mode.

Dial Pad and Button Beeps

Digital telephones can emit a "beep" sound whenever a dial pad or feature button is pressed. The "beeps" are On by default. Follow these steps to turn the "beeps" On or Off on 3000-series DKTs.

1. Press **3**+**6**+**9**+**Hold** (simultaneously).

2. Press **0**.

3. Press Feature Button 1 (FB1) to toggle On/Off.

    FB1, LED On: buttons beep.

    FB1, LED Off: buttons do not beep.

4. Press **Hold** to set the option.

5. You must also go off-hook, then on-hook to exit the program mode.

Speakerphone/Microphone Sensitivity Adjustment

When you are using the speakerphone, high ambient noise levels may cause the party you are talking with to be to cut off frequently. If this happens, follow these steps to lower the sensitivity of the microphone on a 3000-series telephone. The default is normal sensitivity.

1. Press **3**+**6**+**9**+**Hold** (simultaneously).

2. Press **0**.

3. Press Feature Button 3 (FB3) to toggle On/Off.

    FB3, LED On: Lower sensitivity

    FB3, LED Off: Normal sensitivity

4. Press **Hold** to set the option.

5. Go off-hook, then on-hook to exit the program mode.

Call Waiting and Camp-on Ring Tone Over Handset/ Headset Option

Call Waiting and Camp-on tones are sent to a busy telephone's speaker to indicate that a call is waiting. Call Waiting and Camp-on Tones can be sent, as an option, to the telephone handset or headset, in addition to the speaker. Follow these steps to turn handset/headset Call Waiting and Camp-on tone On/Off for a 3000-series telephone. The default is Off.

1. Press **3**+**6**+**9**+**Hold** (simultaneously).

2. Press **0**.

3. Press Feature Button 4 (FB4) to toggle On/Off.

   FB4, LED On: Call Waiting tone

   FB4, LED On: No Call Waiting tone

4. Press **Hold** to set the option.

5. Go off-hook, then on-hook to exit the program mode.

Reset and Adjust the LCD Contrast

➤ **To adjust LCD Contrast for the LCD Telephones**

1. Press **3**+**6**+**9**+**Hold** (simultaneously).

2. Press and hold down the **Mic** button, and press and release **Vol ▲** or **Vol ▼** repeatedly.

   Each time you press **Vol ▲** or **Vol ▼**, the contrast increases or decreases. There are eight steps in either direction. To return to the middle setting, repeat "Step 1" above.

3. Press **Hold** to reset the LCD contrast.

4. Go off-hook, then on-hook to exit the program mode.

➤ **To reset LCD Contrast for the DKT3014-SDL**

1. Press **3**+**6**+**9**+**Hold** (simultaneously).

2. Press **Mode**.

3. Press **Msg** so that the **Msg** LED is On.

4. Press **Hold**. This sets the LCD lightness/darkness contrast on the middle setting.

5. Go off-hook, then on-hook to exit the program mode.

➤ **Test the Display on Large LCD Telephones (DKT3014-SDL only)**

1. Press **3**+**6**+**9**+**Hold** (simultaneously).

2. Press **Page**.

3. Press **1**. LCD screen is blank.

4. Press **2**. Each segment shows three vertical lines, in all eight rows.

5. Press **3**. Each segment contains five short horizontal lines, in all eight rows.

6. Press **4**. Each segment contains a pattern of small dots, in all eight rows.

7. Press **5**. All of the available characters, including numbers, display.

8. Go off-hook, then on-hook to exit the program mode.

DKT2000 Mode On/Off

If you have a cordless telephone (DKT2204-CT or DKT2304-CT) that is connected to a 3000-series telephone, you must place your DKT into 2000-mode before connecting the cordless telephone; otherwise, the 3000-series telephone will not work.

In 2000-mode:

• Only 16 characters by two lines display on the LCD.

• LCD Feature button does not work

• Spdial button does not work

Turn DKT2000 Mode On/Off

Important!   *You must change the mode on DKT3000 telephone before connecting a DKT2204-CT or DKT2304-CT to the DKT3000.*

1. On the DKT3000 telephone, press **3**+**6**+**9**+**Hold** (simultaneously).

2. Press **#**.

3. Press **FB7** (or **FB13** on the DKT3014). LED On = 2000 telephone. LED Off = 3000 telephone.

4. Press **Hold**.

5. Lift the handset to exit programming mode. Wait a few seconds for the telephone to reset itself.

6. Connect Cordless Telephone to DKT3000 Telephone.

Changing the Functions of the Flex and Msg Buttons (DKT3001 only)

You can change the functions of the Flex and Msg buttons on your DKT3001 telephone to be different from the defaults.

Redial/Feature Button Activation/Deactivation

Your **Flex** button has been set to act as a **Redial** button by default. However, you can reprogram the **Flex** button to work as Flexible Button, as it set in system programming. These steps enable you to change how the button functions.

1. Press **3**+**6**+**9**+**Hold** (simultaneously).

2. Press **0 7**.

3. Press **Msg** to toggle On/Off

   Msg LED On: **Flex** button works as Feature Button (FB3)

   Msg LED Off: **Flex** button works as a **Redial** button.

4. Press **Hold** to set the option.

5. Go off-hook, then on-hook to exit the program mode.

Notes

- If you program the Flex button to work as Flexible Button 3, you can press * to redial.

- If the Flex button is changed to function as FB3, FB3 must be assigned to a feature by your system administrator in System Programming.

Msg/Feature Button Activation/Deactivation

Your **Msg** button has been set by default to work as a **Msg** button; however, you can reprogram it to work as Feature Button.

1. Press **3**+**6**+**9**+**Hold** (simultaneously).
2. Press **0 8**.
3. Press **Msg** to toggle On/Off.

    Msg LED On: **Msg** operates as Feature Button

    Msg LED Off: Works as a **Msg** button.
4. Press **Hold** to set the option.
5. Go off-hook, then on-hook to exit the program mode.

Note If the Msg button is changed to function as FB2, FB2 must be assigned to a feature by your system administrator in System Programming.

Headset Transmitter Level Adjustment

➤ **To set the level of the Headset Transmitter for DKT3000-series telephones**

Important! *Unplug headset from modular jack of BHEU1A, when making the setting from the table below.*

1. Press **3**+**6**+**9**+**Hold** (simultaneously).
2. Press **#**.
3. Press **FB1**, **FB2**, **FB3** (see table below), and check these LEDs.
4. Press **Hold**. In Off-hook, it returns to normal mode.

Table 2   Volume Level Transmitted from Headset Microphone

LEDS			BHEU SW2	
FB1	**FB2**	**FB3**	**NORMAL (default)**	**LOW**
OFF	OFF	OFF	+12 dB	-11 dB
ON	OFF	OFF	+8 dB	-15 dB
OFF	ON	OFF	+4 dB	-19 dB
ON	ON	OFF	0 dB	-23 dB (default)
OFF	OFF	ON	-4 dB	-27 dB
ON	OFF	ON	-8 dB	-31 dB
OFF	ON	ON	-12 dB	-35 dB
ON	ON	ON	-16 dB	-39 dB
Note ON means LED ON			OFF means LED OFF	

Important!

- *On the IPTs, the soft keys do not have names such as Page, Mode, Scroll and Feature. In the manual, the soft keys are referenced as SK1, SK2, SK3 and SK4 from Left to Right.*

- *On the IPT2010-SD, use the soft key SK3 (Scroll) to switch between FB1~FB10 and FB11~FB20.*

Initializing the IP Telephone

CAUTION! If you initialize the IP telephone, all settings return to default.

1. Press **3**+**6**+**9**+**Hold** (simultaneously).
2. Press **Vol ▲**.

Note   Steps 3~5 are optional.

3. Press **FB01** to initialize the telephone's function settings (LED On = initialize, LED Off = don't initialize). See "IP Telephone Function Settings" on page 19 for details.
4. Press **FB02** to initialize LCD contrast setting (LED On = initialize, LED OFF = don't initialize).
5. Press **FB03** to initialize the telephone's IP network connection settings (LED On = initialize, LED Off = don't initialize). See "IPT Setup Instructions" below for details.
6. Press **Hold** again to complete the initialization process.
7. Go off-hook and hang up.

IPT Setup Instructions

1. Press **3**+**6**+**9**+**Hold** (simultaneously).

2. Press **2**, then press **Hold** to select the Network Setting Mode.

3. Press **FB1** to see if the DHCP server is in use or not. Press one of the following (normally, use **1**: manual setting):

   1: manual setting, then press **Hold**.

   2: auto setting by DHCP server, then press **Hold**.

4. Press **FB2**. Enter the IP address for this IPT and press **Hold**. To enter the period in an IP address, press the **∗** button on your dialpad (e.g., if the IP address is "192.168.1.241," press **192∗168∗1∗241**).

5. Press **FB3**. Enter the subnet mask number and press **Hold**. (e.g., if the subnet mask address is "255.255.255.0, press **255∗255∗255∗0**).

6. If the IPT is connected to a router or other gateway device, press **FB4**. Enter the router address, then press **Hold**. Only used if Step 3, above, is set for manual setting.

7. Press **FB5**. Enter a Station ID for the IPT and press **Hold**. This is usually your telephone's primary number (PDN).

8. Press **FB6** to enter the CTX Strata Net node number of the CTX node that contains the BIPU-M3A to which this IPT interfaces, then press **Hold**. This FB setting is for CTX networked systems only.

9. Press **FB11** for BIPU IP address mode. Press one of the following:

   1: manual setting, then press **Hold**. Press **FB12** and enter the BIPU IP address, then press **Hold**. (e.g., if the BIPU IP address is "192.168.1.241," enter it in this format **192∗168∗1∗241**).

   2: auto setting by broadcast, then press **Hold**.

   3: auto setting by multicast (IPT doesn't support multicast setting in this first release), then press **Hold**.

10. Press **Hold** again to set all the above data.

11. Go off-hook and hang up. The IPT will search for the BIPU-M1A, initialize and then set the IP address (from 20 sec. to 60 sec.). Time, Date and PDN displays on LCD when the information is set.

Note See "IP Telephone Start Up Sequence" below for an explanation of the LCDs that you will see during this procedure.

IP Telephone Start Up Sequence

After the IP telephone network setting has been programmed, the following displays occur after the IP telephone is hung-up:

	Action	LCD Indication	Remarks
1.	IPT initializes.	**INITIALIZING PLEASE WAIT...**	
2.	IPT searches for IP address.	**IPaddress setting...**	Possible errors: • IP address is not set. **IPaddress setting... Can't set IPaddress** • No DHCP server, etc. If error occurs, IP address setting is carried out continuously.
3.	IPT searches for BIPU/ LIPU.	**Searching BIPU...**	Retries every 10 seconds. Possible errors: • BIPU is not found "time out." **Searching BIPU. BIPU not found** • BIPU is not found (Station ID automatic setting). **Searching BIPU. Can't get StationID** • BIPU is not found (StationID manual setting) **Searching BIPU. StationID unmatch** • Multicast address is not registered (BIPU IP address setting mode is automatic setting by multicast) **Not exist Multicast addr** • BIPU IP address is not registered (BIPU IP address setting mode is manual setting. **Not exist BIPU address**

Action	LCD Indication	Remarks
4. Registering to BIPU	**Registering IPT**	When registering fails, IPT retries by starting at Step 2 again. Error message: "Exxx" is error number. **Registering IPT** **Can't register IPT:EXXX**
5. Registering completion - normal action.	LCD data is indicated from the system. Example: **NO. 205** **FEB 28 THURSDAY 01:09**	

IP Telephone Function Settings

These steps enable you to turn On/Off button beeps, room noise cancellation, handset Busy Override, and headset volume control. You can also adjust the setting for carbon headsets vs. non-carbon headsets.

1. Press **3**+**6**+**9**+**Hold** (simultaneously).

2. Press **0** then **Hold**.

3. Press the Feature Buttons to turn the LEDs On/Off (see Table 3).

Table 3   IP Telephone Function Settings

FB	LED ON	LED OFF
FB1	Buttons beep.	Buttons do not beep.
FB3	Speakerphone/Microphone sensitivity is lower.	Speakerphone/Microphone sensitivity is normal.
FB4	Enable handset Busy Override (BOV) tone.	Disable handset BOV.
FB11	Turn LED On if carbon headset is attached.	Turn LED Off if carbon headset is not attached.

4. Press **Hold** to set the above data.

5. Go off-hook and hang up.

Setting the IP Telephone Headset Transmit Volume

1. Press **3**+**6**+**9**+**Hold** (simultaneously).

2. Press **#**.

3. Press the Feature Buttons to turn the LEDs On/Off for the desired volume transmission level (see Table 4).

Table 4   Volume Level Transmitted from Headset Microphone

LEDS			Transmit Level
FB3	**FB2**	**FB1**	
ON	ON	ON	Level 7 (min.)
ON	ON	OFF	Level 6
ON	OFF	ON	Level 5
ON	OFF	OFF	Level 4
OFF	ON	ON	Level 3 (initial value)
OFF	ON	OFF	Level 2
OFF	OFF	ON	Level 1
OFF	OFF	OFF	Level 0 (max.)

4. Press FB4 for handset voice output in speakerphone mode (LED On = with, LED Off = without).

5. Press **Hold** to set the above data.

6. Go off-hook and hang up.

Viewing IP Telephone Terminal Information

1. Press **3**+**6**+**9**+**Hold** (simultaneously).
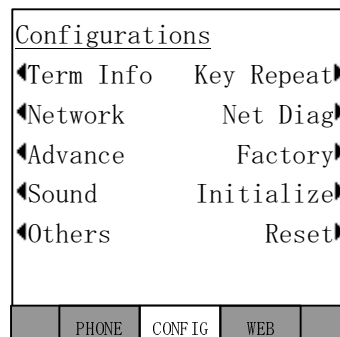
2. Press **1**, then press **Hold**.

3. Press **FB1** to view IPT firmware version (application and boot versions, read only).

4. Press **FB2** to view IPT MAC address (read only).

5. Go off-hook and hang up.

IPT2008-SDL Settings

3

This chapter contains instructions to configure the IPT2008-SDL telephone. All instructions found in this chapter pertain to the items found in the CONFIG tab of the IPT2008-SDL telephone.

Configurations

➤ Select the CONFIG tab. The screen shown right displays. This is the Configurations main screen

➤ **To access any of the screens that relates to an item on the Configurations screen**

➤ Press the soft key that corresponds to the item. The details pertaining to that item display.

Note The following table explains each of the items displayed on the Configurations screen.

```
┌─────────────────────────────┐
│ Configurations              │
│ ◄Term Info    Key Repeat►   │
│ ◄Network        Net Diag►   │
│ ◄Advance        Factory►    │
│ ◄Sound        Initialize►   │
│ ◄Others           Reset►    │
│                             │
│   ┌──────┬───────┬─────┐    │
│   │PHONE │CONFIG │ WEB │    │
│   └──────┴───────┴─────┘    │
└─────────────────────────────┘
```

ITEM	INFORMATION DISPLAY
Term Info	Displays the Software Version, the MAC address and the Regional Code. You can press the EXIT soft key to go back to the Configurations screen. **Note** This screen is for display only and you cannot make any changes to the settings.

ITEM	INFORMATION DISPLAY
Network	Displays or sets the DHCP, IP Address, Subnet, the default gateway, station information and LIPU Address.
Advance	Displays the Primary Name Server, the Secondary Name Server, GRQ Port, RRQ Port, and AP Address
Sound	Displays settings for Keybeep, Roam Noise, Handset BOV, and Carbon Headset
Others	
Key Repeat	
Net Diag	
Factory	
Initialize	
Reset	

Loop Back Test

➤ Select Configuration > Network Diagnosis > Loop Back Test.

Notes

- Press EXIT to move back a screen.

- An IP address of current Ping send-to party is displayed in the second line.

- The result of Ping executed last is displayed in the third line. (Ping result is confirmed only on this screen.)

```
Loop Back Test
Ping to 192.168.0.77
Last Result: 10/10


◄Ping Address Setting
◄Ping Start
                 [EXIT]►

   PHONE   CONFIG   WEB
```

➤ **Setting Ping Send-to Address**

1. Press the Ping Address soft key. The Ping Address Setting Screen displays (shown right.

2. Using the dial pad, press 1 ~ 0 and * to enter an IP address or change an IP address. Input the delimiter "." by pressing * key.

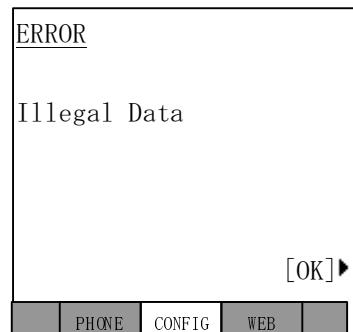   Press **Vol ▼** to backspace.

3. Press **SET** soft key to go back to the Loop Back Test Screen (after rewriting the NV-RAM data if an IP address is changed). ("Ping to xxx.xxx.xxx.xxx" will display the IP address after the setting change.)

Note Pressing the SET soft key can cause the screen to move to the Input Error Screen if an error occurred when entering the IP address (shown right).

4. Press the OK soft key on the Error Screen to go to the Address Setting Screen.

Note In five seconds after displaying the Input Error Screen, the screen automatically moves to the Address Setting Screen. (The address that has resulted in an input error will be displayed as it is when moving to the Address Setting Screen.)

5. Select the CANCEL soft key to cancel the intended setting change and to move to the Loop Back Test Screen without rewriting the NV-RAM data.

```
Ping Address Setting
192.168.0.77      :Current
                  :New

Backspace = Vol-Down.

◄[SET]          [CANCEL]►
   PHONE  CONFIG   WEB
```

```
ERROR

Illegal Data

                     [OK]►
   PHONE  CONFIG   WEB
```
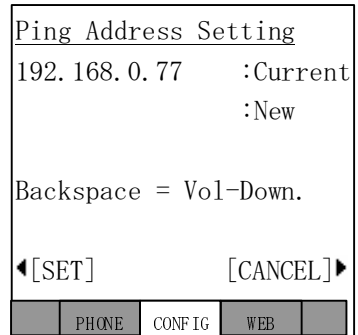
Ping Start and Stop

➤ From the Loop Back Test Screen, press the Ping Start soft key. The Pinging Screen displays (shown right) and Pinging starts.

```
Pinging
Ping to 192.168.0.77
Executing 5/5

◀Ping Stop

                    [EXIT]▶
┌─────┬──────┬─────┬─────┐
│PHONE│CONFIG│ WEB │     │
└─────┴──────┴─────┴─────┘
```

Notes

• Pinging is attempted ten times on the Pinging Screen and is stopped automatically. The screen will move to the Loop Back Test Screen. The result is displayed in the third line of the Loop Back Test Screen as "Last result n/10 (successful operations/10)."

• During Ping execution, the progress is displayed by showing "Executing n/10 (number of successful operations/number of trial operations)" in the third line on the Pinging Screen.

• Pressing the "Ping Stop" or "EXIT" key on the Pinging Screen will stop Pinging and cause the screen to move to the Loop Back Test Screen. Then the result will be displayed.
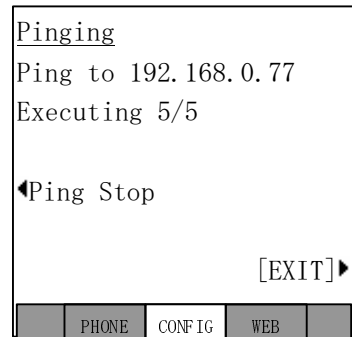
Network Settings

➤ **To access the Network Setting screens**

   ➤ Select the CONFIG tab, then Network soft key.

Note There are two screens for Network Settings (shown below). Use the "→" and "←" soft keys to move from one screen to another and to go back to the Configurations main screen.

```
      Network Setting ➡           ⬅   Network Setting
◀DHCP   :ON                      ◀Node    :1
◀IP Addr:192. 168. 0. 10         ◀IPU Mode:Broadcast
◀Subnet :0. 0. 0. 0              ◀IPU Adr:192. 168. 0. 77
◀Dflt-GW:0. 0. 0. 0
◀Station:2000
◀[SET]  (1/2)  [CANCEL]▶         ◀[SET]   (2/2)   [CANCEL]▶
┌──────────────────────┐         ┌──────────────────────┐
│ PHONE │ CONFIG │ WEB  │        │ PHONE │ CONFIG │ WEB  │
└──────────────────────┘         └──────────────────────┘
```

        Screen 1   **Screen 2**

The general operation on the Network Settings screens is as follows:

- To view details of an item displayed on the screens above, press the soft key that corresponds to that item.

- Press the SET soft key to rewrite the NV-RAM data if any setting of a minor item is changed. The screen will move to the Resetting Selection Screen. (The Resetting Selection Screen will be described in detail later.)

- Press the SET soft key to go to the Configurations Screen without rewriting the NV-RAM data if no setting change of a minor item is made.

- Press the CANCEL soft key to cancel all the intended setting changes in the minor items and to go to the Configurations Screen without rewriting the NV-RAM data.
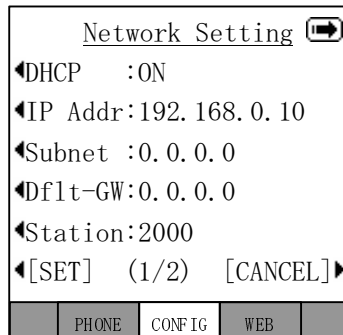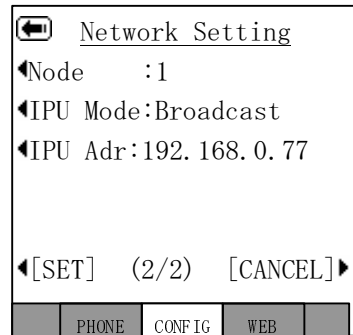
DHCP Server Settings

1. Select Configuration > Network > DHCP. The DHCP Mode screen displays.

   The current default set is underlined.

2. Press the ON or OFF soft keys to change the set value.

3. Press the SET soft key to accept the change. ...or press the CANCEL soft key to cancel the change.

```
┌─────────────────────────┐
│ DHCP  Mode              │
│ ◀ON                     │
│ ◀OFF                    │
│                         │
│                         │
│                         │
│ ◀[SET]        [CANCEL]▶ │
├────┬──────┬──────┬──────┤
│    │PHONE │CONFIG│ WEB  │
└────┴──────┴──────┴──────┘
```
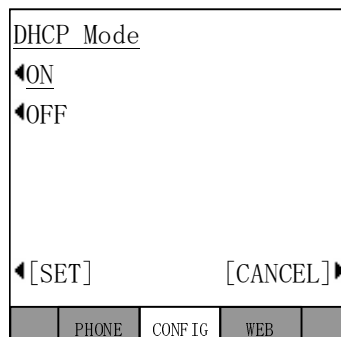
Notes

- The Network Setting Screen displays when you press SET or CANCEL.

- DHCP is underlined in the display if you changed the setting.

- If the DHCP setting is changed from ON to OFF, then the "IP Addr" setting on the Network Setting screen will be initialized to the initial value.

- The IPT2008-SDL gets its IP address, Subnet mask, Default Gateway, DNS server address from DHCP server.

IP Address

➤ Select Configuration > Network > IP Addr. The IP Address screen displays (shown right). The current IP Address displays.

```
IP Address
192. 168. 0. 10      :Current
                     :New


Backspace = Vol-Down.

◀[SET]              [CANCEL]▶

    PHONE   CONFIG   WEB
```

➤ **To change settings on the screen**

The following applies to the IP Address, Subnet Mask, Default Gateway, and Primary DNS Server.

1. Use the dial pad (1~0, *) to enter a new IP address.

   Use * on the dial pad to enter a period (.) in an IP address.

2. Press the SET soft key to select the setting change and go back to the Network Setting Screen.

   On the Network Setting Screen, the item you changed will be underlined in the display (in this case the IP Address).

3. Pressing the SET soft key can give you an Error Screen if you incorrectly entered the address.

4. Press the OK soft key on the Error Screen to correct the entry. Five seconds after the Error Screen displays, the screen automatically goes back to the appropriate setting screen (in this case the IP Address) and the address that resulted in an error will be displayed.

5. Press the CANCEL soft key to cancel the setting change and to go to the Network Setting screen.
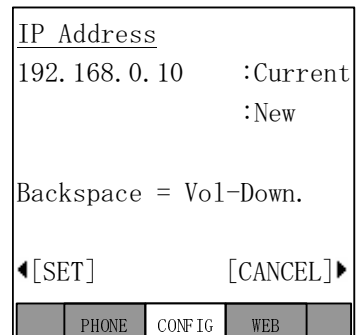
Subnet Mask

1. Select Configuration > Network > Subnet. The Subnet Mask screen displays (shown right). The current subnet displays on the one-line text field.

2. Follow the steps to change settings on page 27.

```
Subnet Mask
255.255.255.0      :Current
                   :New


Backspace = "Vol-Down".


◀[SET]            [CANCEL]▶
   PHONE   CONFIG    WEB
```

Default Gateway Address

1. Select Configuration > Network > Dflt-GW. The Default GW Address screen displays (shown right). The current default Gateway Address displays on the one-line text field.

2. Follow the steps to change settings on page 27.

```
Default GW Address
0.0.0.0            :Current
                   :New


Backspace = Vol-Down.


◀[SET]            [CANCEL]▶
   PHONE   CONFIG    WEB
```

Station ID

➤ Select Configuration > Network > Station. The Station ID screen displays (shown right). The current Station ID displays.

```
Station ID
2000           :Current
               :New

Backspace = Vol-Down.

◀[SET]         [CANCEL]▶
    PHONE  CONFIG  WEB
```

➤ **To Change or Add Information on this screen**

1. Enter the New Station ID to change or add a Station ID.

2. Press the SET soft key to accept the change ...or press the CANCEL soft key to cancel the change and go to the Network Setting screen.

Notes

• Use the dial pad (1~0) to change or enter a new Station ID. Press **Vol ▼** to backspace.

• You can enter a maximum of seven digits.

• Pressing the SET soft key can give you an Error Screen if you incorrectly entered the Station ID.

• Press the OK soft key on the Error Screen to correct the entry. Five seconds after the Error Screen displays, the screen automatically goes back to the appropriate setting screen (in this case the IP Address) and the address that resulted in an error will be displayed.

Node Number

1. Select Configuration > Network Setting Screen 2 > Node. The current Node displays (shown right).

2. Enter the Node. You must be first program this node in eManager, Program 150, FB09.

3. Press the SET soft key to accept the change ...or press the CANCEL soft key to cancel the change and go to the Network Setting screen.

Note Refer Station ID notes above.

```
Node
1              (Current)
               (New)

Backspace = Vol-Down.

◀[SET]         [CANCEL]▶
    PHONE  CONFIG  WEB
```

CIX System /IPU Address Mode

1. Select Configuration > Network Setting Screen 2 > IPU Mode. The IPU screen displays (shown right).

2. Press the Manual or Broadcast soft key to change the set value. The value set is underlined in the display.

3. Press the SET soft key to accept the change ...or press the CANCEL soft key to cancel the change and go to the Network Setting screen.

```
IPU Mode
◄Manual
◄Broadcast




◄[SET]          [CANCEL]►
  PHONE  CONFIG   WEB
```
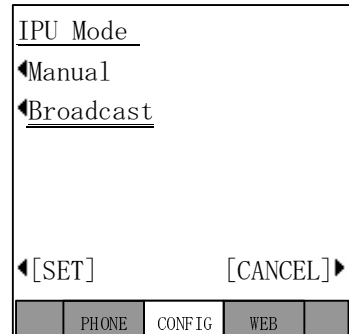
CIX System/IPU Address Screen

1. Select Configuration > Network Setting Screen 2 > IPU Address. The IPU Address displays (shown right).

2. Follow the steps to change settings on page 27.

```
IPU Address
192.168.0.77      :Current
                  :New

Backspace = Vol-Down.

◄[SET]          [CANCEL]►
  PHONE  CONFIG   WEB
```
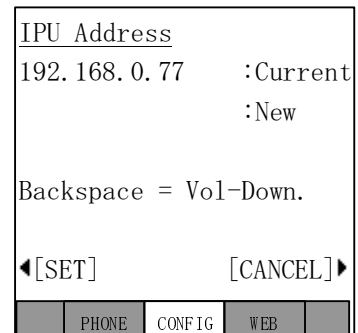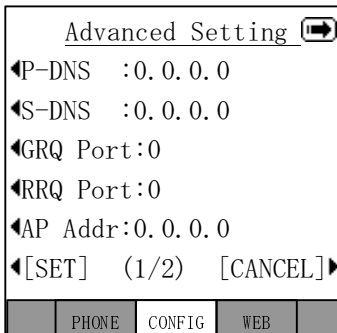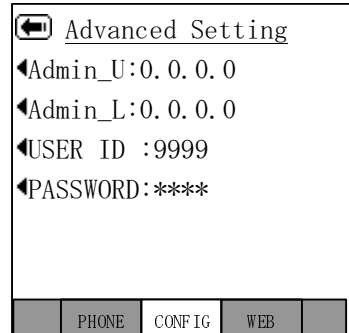
Advanced Network Settings

➤ **To access the Advanced Network Setting screens**

➤ Select the CONFIG tab, then Advanced soft key.

Note There are two screens for Advanced Settings (shown below). Use the "→" and "←" soft keys to move from one screen to another, and to go back to the Configurations main screen.

Screen 1

Screen 2

The general operation on the Network Settings screens is as follows:

- To view details of an item displayed on the screens above, press the soft key that corresponds to that item.

- Press the SET soft key to rewrite the NV-RAM data if any setting of a minor item is changed. The screen will move to the Resetting Selection Screen. (The Resetting Selection Screen will be described in detail later.)

- Press the SET soft key to go to the Configurations Screen without rewriting the NV-RAM data if no setting change of a minor item is made.

- Press the CANCEL soft key to cancel all the intended setting changes in the minor items and to go to the Configurations Screen without rewriting the NV-RAM data.

IP Address for DNS Server (Primary Name Server)

Note If DHCP Mode is ON, you don't have to set any parameters for the DNS server.

1. Select Configuration > Advanced > P-DNS. The Primary DNS Address screen displays (shown right).

2. Follow the steps to change settings on page 27.

```
Primary DNS Address
192. 168. 0. 234    :Current
                   :New


Backspace = Vol-Down.


◄[SET]           [CANCEL]►
   PHONE   CONFIG   WEB
```

IP Address for DNS Server (Secondary Name Server)

1. Select Configuration > Advanced > P-DNS. The Primary DNS Address screen displays (shown right).

2. Follow the steps to change settings on page 27.

```
Secondary DNS Address
192. 168. 0. 235    :Current
                   :New


Backspace = Vol-Down.


◄[SET]           [CANCEL]►
   PHONE   CONFIG   WEB
```

GRQ Port Number

1. Select Configuration > Advanced > GRQ Port. The current GRQ Port Number displays (shown right).

2. Enter the New number.

3. Press the SET soft key to accept the change ...or press the CANCEL soft key to cancel the change and go to the Network Setting screen.

Note For other notes, refer to "Station ID" on page 29.

```
GRQ Port Number
0       :Current
        :New


Backspace = Vol-Down.


◄[SET]           [CANCEL]►
   PHONE   CONFIG   WEB
```

RRQ Port Number

1. Select Configuration > Advanced > RRQ Port. The current RRQ Port Number displays (shown right).

2. Enter the New number.

3. Press the SET soft key to accept the change ...or press the CANCEL soft key to cancel the change and go to the Network Setting screen.

Note For other notes, refer to "Station ID" on page 29.

```
RRQ Port Number
0      :Current
       :New


Backspace = Vol-Down.


◀[SET]          [CANCEL]▶
   PHONE   CONFIG    WEB
```

Application Server Address

1. Select Configuration > Advanced > AP Addr. The current Application Server Addr screen displays (shown right).

Note The Application Server Address can be an IP Address or a URL (alphanumeric). See "Dial Pad Alphanumeric Characters" on page 34 to enter the URL.

2. Follow the steps to change settings on page 27.

```
Application Server Addr
0.0.0.0         :Current
                :New


Backspace = Vol-Down.


◀[SET]          [CANCEL]▶
   PHONE   CONFIG    WEB
```

Table 5   Dial Pad Alphanumeric Characters

Dial Pad Buttons	Number of times to press the dial pad button								
	1	2	3	4	5	6	7	8	9
1	space								
2	a	b	c	A	B	C	goto a		
3	d	e	f	D	E	F	goto d		
4	g	h	i	G	H	I	goto g		
5	j	k	l	J	K	L	goto j		
6	m	n	o	M	N	O	goto m		
7	p	q	r	s	P	Q	R	S	goto p
8	t	u	v	T	U	V	goto t		
9	w	x	y	z	W	X	Y	Z	goto w
0 (1st)	.	/	:	@	-	_	~		!
0 (2nd)	"	#	$	%	^	&	'	(	)
0 (3rd)	*	+	,	;	<	=	>	?	[
0 (4th)	]	'	{	l	}	goto .			

Press **Vol ▼** button to back space

Press **0** for all punctuation marks

Press **#** to toggle between Alpha and Numeric modes

Press **∗** to enter a period.

External Administration Terminal IP Address Upper Bound Setting

This screen can be used to set an External Administration Terminal IP Address Upper Bound. External accessing is not enabled if the Upper and Lower bound IP addresses are initial values (0.0.0.0). External accessing is enabled if the External Administration Terminal IP address is within the Upper and Lower bound IP address range.

1. Select Configuration > Advanced Screen 2 > Admin_U. The External Administration Terminal IP Address Upper Bound Setting screen displays (shown right).

2. To change settings, follow the steps on page 27.

```
Admin Addr Upper Bound
0.0.0.0          :Current
                 :New

Backspace = Vol-Down.

◀[SET]          [CANCEL]▶
    PHONE  CONFIG   WEB
```

External Administration Terminal IP Address Lower Bound Setting

This screen can be used to set an External Administration Terminal IP Address Upper Bound. External accessing is not enabled if the Upper and Lower bound IP addresses are initial values (0.0.0.0). External accessing is enabled if the External Administration Terminal IP address is within the Upper and Lower bound IP address range.

1. Select Configuration > Advanced Screen 2 > Admin_L. The External Administration Terminal IP Address Lower Bound Setting screen displays (shown right).

2. To change settings, follow the steps on page 27.

```
Admin Addr Lower Bound
0.0.0.0          :Current
                 :New

Backspace = Vol-Down.

◀[SET]          [CANCEL]▶
    PHONE  CONFIG   WEB
```

External Administration User ID Setting

Use this screen to set an User ID. External accessing is enabled when the user can successfully log in with correct User ID and Password

1. Select Configuration > Advanced Screen 2 > USER ID. The External Administration User ID Setting screen displays (shown right).

2. Enter the New User ID to change or add a User ID.

3. Press the SET soft key to accept the change ...or press the CANCEL soft key to cancel the change and go to the Network Setting screen.

```
USER ID
9999              :Current
                  :New


Backspace = Vol-Down.


◀[SET]         [CANCEL]▶
    PHONE  CONFIG  WEB
```

Note For other notes, refer to "Station ID" on page 29.

External Administration Password Setting

➤ Select Configuration > Advanced Screen 2 > PASSWORD. The Password screen displays (shown right).

➤ **To change or add a new password**

Note The Password can be alphanumeric, see "Dial Pad Alphanumeric Characters" on page 34 to enter the Password.

```
PASSWORD
◀[        ]      :Current
◀[        ]      :New
◀[        ]      :New Again
Backspace = Vol-Down.


◀[SET]         [CANCEL]▶
    PHONE  CONFIG  WEB
```

1. Press the Current soft key (left), then enter the Current Password.

2. Press the New soft key (left), then enter the New Password.

3. To confirm the change, re-enter the new password in the New Again field using the New Again soft key (left).

4. Press the SET soft key to accept the change ...or press the CANCEL soft key to cancel the change and go to the Network Setting screen.
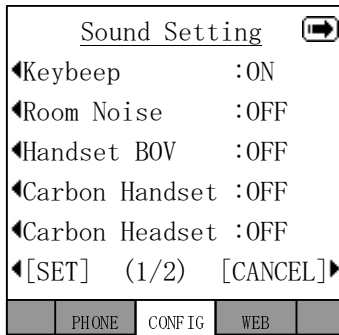
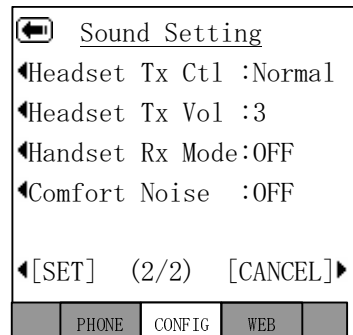**Note** For other notes, refer to "Station ID" on page 29.

Sound Settings

➤ **To access the Sound Setting screens**

   ➤ Select the CONFIG tab, then Sound soft key.

Note There are two screens for Sound Settings (shown below). Use the "→" and "←" soft keys to move from one screen to another and to go back to the Configurations main screen.

```
     Sound Setting   ⬛       ⬛  Sound Setting
◀Keybeep       :ON         ◀Headset Tx Ctl :Normal
◀Room Noise    :OFF        ◀Headset Tx Vol :3
◀Handset BOV   :OFF        ◀Handset Rx Mode:OFF
◀Carbon Handset :OFF       ◀Comfort Noise  :OFF
◀Carbon Headset :OFF
◀[SET]  (1/2)  [CANCEL]▶   ◀[SET]   (2/2)  [CANCEL]▶
   PHONE  CONFIG  WEB          PHONE  CONFIG  WEB
```

       Screen 1   **Screen 2**

The general operation on the Network Settings screens is as follows:

•   To view details of an item displayed on the screens above, press the soft key that corresponds to that item.

•   Press the SET soft key to rewrite the NV-RAM data if any setting of a minor item is changed. The screen will move to the Resetting Selection Screen. (The Resetting Selection Screen will be described in detail later.)

•   Press the SET soft key to go to the Configurations Screen without rewriting the NV-RAM data if no setting change of a minor item is made.

•   Press the CANCEL soft key to cancel all the intended setting changes in the minor items and to go to the Configurations Screen without rewriting the NV-RAM data.

Keybeep, Room Noise, Handset BOV, Carbon Handset, and Carbon Headset

Important!   *The following steps apply to all of the above items.*

1. Select Configuration > Sound > Keybeep (or any of the above items). The appropriate screen displays.

2. Press the ON or OFF soft keys to change the set value.

3. Press the SET soft key to accept the change. ...or press the CANCEL soft key to cancel the change.

   The setting is underlined in the Sound screen display.

```
Keybeep
◄ON
◄OFF




◄[SET]          [CANCEL]▶
    PHONE   CONFIG   WEB
```
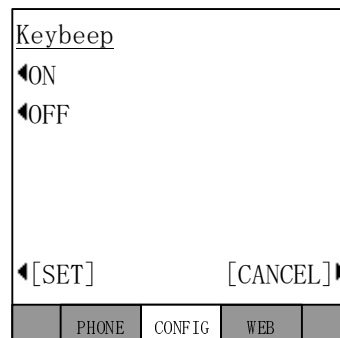
Headset Tx Control Setting Screen

1. Select Configuration > Sound (screen 2) > Headset Tx Ctl. The Headset Tx Control screen displays.

2. Press the Low or Normal soft keys to change the set value.

3. Press the SET soft key to accept the change. ...or press the CANCEL soft key to cancel the change.

   The setting is underlined in the Sound screen display.

```
Headset Tx Control
◄Low
◄Normal




◄[SET]          [CANCEL]▶
    PHONE   CONFIG   WEB
```
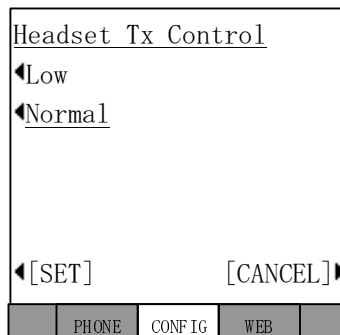
Headset Tx Volume Setting Screen

➤ Select Configuration > Sound (screen 2) > Headset Tx Vol. The Headset Tx Volume screen displays.

```
Headset Tx Volume
3 :Current
  :New (0:Min. -
7:Max.)


Backspace = Vol-Down.
```
```
      PHONE  CONFIG  WEB
```

➤ **To Change or Add Information on this screen**

1. Enter the New field with the volume level.

2. Press the SET soft key to accept the change ...or press the CANCEL soft key to cancel the change and go to the Sound Setting screen 2.

Notes

- Use the dial pad (1~0) to change or enter volume level. Press **Vol ▼** to backspace.

- You can enter a maximum of seven digits.

- Pressing the SET soft key can give you an Error Screen if you incorrectly entered the Station ID.

- Press the OK soft key on the Error Screen to correct the entry. Five seconds after the Error Screen displays, the screen automatically goes back to the Headset Tx Volume screen and the number that resulted in an error will be displayed.

Handset Rx Output Setting and Comfort Noise Setting

Important!   *The following steps apply to the above two items.*

1. Select Configuration > Sound (screen 2) > Handset Rx Mode or Comfort Noise. The appropriate screen displays.

2. Press the ON or OFF soft keys to change the set value.

3. Press the SET soft key to accept the change. ...or press the CANCEL soft key to cancel the change.

   The setting is underlined in the Sound screen display.

```
Handset Rx Mode
◄ON
◄OFF




◄[SET]          [CANCEL]►
```
```
      PHONE  CONFIG  WEB
```

Key Repeat

➤ Select Configuration > Key Repeat. The Key
   Repeat screen displays.

The general operation on the Key Repeat screens is
as follows:

```
Key Repeat Setting
◀OFF/ON Setting    :ON
◀Repeat Delay Timer:1
◀Repeat Rate Timer :1


◀[SET]        [CANCEL]▶
  PHONE  CONFIG  WEB
```

- To view details of an item displayed on the
  screens above, press the soft key that corresponds
  to that item.

- Press the SET soft key to rewrite the NV-RAM
  data if any setting of an item on this screen is
  changed.

- Press the CANCEL soft key to cancel all the intended setting changes in the minor
  items and to go to the Configurations Screen without rewriting the NV-RAM data.
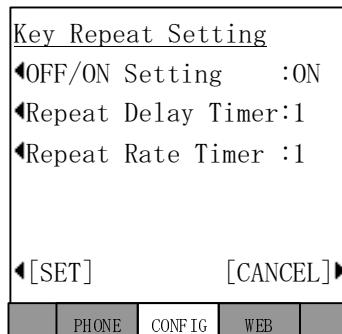
Key Repeat OFF/ON

1. Select Configuration > Key Repeat > OFF/ON.
   The OFF/ON Setting screen displays.

2. Press the ON or OFF soft keys to change the set
   value.

3. Press the SET soft key to accept the change.
   ...or press the CANCEL soft key to cancel the
   change.

   The setting is underlined in the Key Repeat
   Setting screen display.

```
OFF/ON Setting
◀ON
◀OFF



◀[SET]        [CANCEL]▶
  PHONE  CONFIG  WEB
```
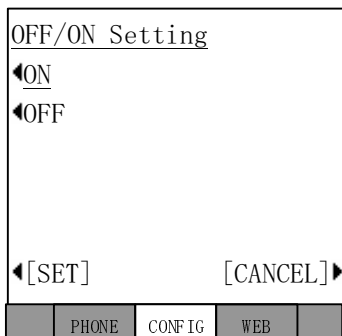
Repeat Delay Timer and Repeat Rate Timer

> **Important!** *The following steps apply to the above two items.*

➤ Select Configuration > Key Repeat > Repeat Delay Timer or Repeat Rate Timer. The appropriate screen displays (shown right).

➤ **To Change or Add Information on this screen**

1. Enter the New Repeat Delay Timer to change the setting.

Note Use the dial pad 1~5 and **Vol** ▼ to backspace. For Repeat Delay Timer: 1 (short) to 5 (long). For Repeat Rate Timer: 1 (fast) to 5 (slow)

```
┌─────────────────────────┐
│ Repeat Delay Timer      │
│ 1 :Current              │
│   :New(1:Short -        │
│ 5:Long)                 │
│                         │
│ Backspace = Vol-Down.   │
│                         │
│ ┌────┬──────┬─────┬───┐ │
│ │    │PHONE │CONFIG│WEB│ │
│ └────┴──────┴─────┴───┘ │
└─────────────────────────┘
```

2. Press the SET soft key to accept the change ...or press the CANCEL soft key to cancel the change and go to the Network Setting screen.

Notes

• Pressing the SET soft key can give you an Error Screen if you incorrectly entered the Station ID.

• Press the OK soft key on the Error Screen to correct the entry. Five seconds after the Error Screen displays, the screen automatically goes back to the Repeat Delay Timer or Repeat Rate Time screen and the number that resulted in an error will display.
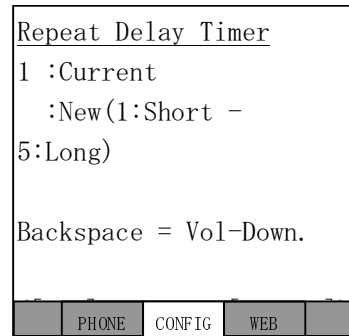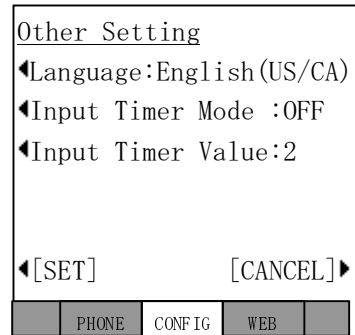
Other Setting

➤ Select Configuration > Others. The Others screen displays. This screen contains Language, Input timer Mode and Input Timer Value settings.

```
Other Setting
◀Language:English(US/CA)
◀Input Timer Mode :OFF
◀Input Timer Value:2


◀[SET]          [CANCEL]▶
   PHONE  CONFIG   WEB
```

Notes

The general operation on the Key Repeat screens is as follows:

• To view details of an item displayed on the screens above, press the soft key that corresponds to that item.

• Press the SET soft key to rewrite the NV-RAM data if any setting of an item on this screen is changed. The screen goes back to the Configuration screen after rewriting the NV-RAM data.

• Press the CANCEL soft key to cancel all the intended setting changes in the minor items and to go to the Configurations Screen without rewriting the NV-RAM data.

Language Mode Setting

1. Select Configuration > Others > Language. The Language Mode screen displays.

2. Press the English (US/CA), English (UK), French or Spanish soft keys to change the set value.

3. Press the SET soft key to accept the change. ...or press the CANCEL soft key to cancel the change.

The setting is underlined in the Key Repeat Setting screen display

```
Language Mode
◀English(US/CA)
◀English(UK)
◀French
◀Spanish


◀[SET]          [CANCEL]▶
   PHONE  CONFIG   WEB
```
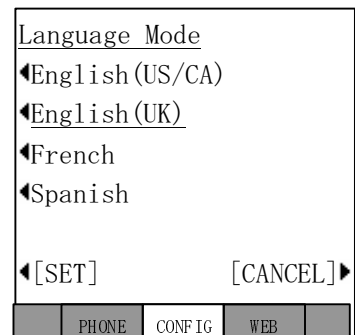
Input Timer Mode Setting Screen

1. Select Configuration > Others > Input Timer Mode. The Input Timer Mode Setting screen displays.

2. Press the ON or OFF soft keys to change the set value.

3. Press the SET soft key to accept the change. ...or press the CANCEL soft key to cancel the change.

   The setting is underlined in the Others Setting screen display.

```
Input Timer Mode
◀ON
◀OFF



◀[SET]          [CANCEL]▶
┌──────┬────────┬──────┬──┐
│ PHONE│ CONFIG │ WEB  │  │
```
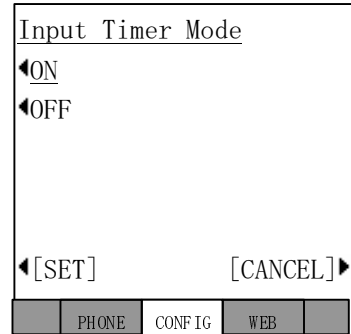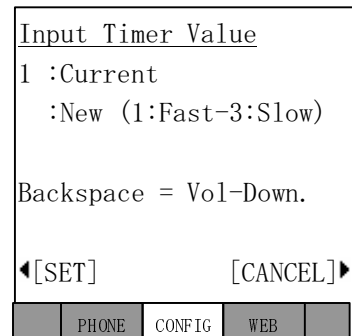
Input Timer Value Setting Screen

➤ Select Configuration > Others > Input Timer Value. The appropriate screen displays (shown right).

➤ **To Change or Add Information on this screen**

1. Enter the New Repeat Delay Timer to change the setting.

Note Use the dial pad 1~3 and **Vol ▼** to backspace. For Input Timer Value: 1 (fast) to 3 (slow)

2. Press the SET soft key to accept the change ...or press the CANCEL soft key to cancel the change and go to the Other Setting screen.

```
Input Timer Value
1 :Current
  :New (1:Fast-3:Slow)

Backspace = Vol-Down.

◀[SET]          [CANCEL]▶
┌──────┬────────┬──────┬──┐
│ PHONE│ CONFIG │ WEB  │  │
```

Notes

• Pressing the SET soft key can give you an Error Screen if you incorrectly entered the Station ID.

• Press the OK soft key on the Error Screen to correct the entry. Five seconds after the Error Screen displays, the screen automatically goes back to the Repeat Delay Timer or Repeat Rate Time screen and the number that resulted in an error will display.

Initialize

➤ Select Configuration > Initialize. The Initialize screen displays.

The general operation on the Key Repeat screens is as follows:

```
Initialize
◀All Data        LCD▶
◀Network   Key Repeat▶
◀Sound        Others▶
◀Browser     Factory▶

◀[EXEC]      [CANCEL]▶
   PHONE  CONFIG   WEB
```

• To view details of an item displayed on the screens above, press the soft key that corresponds to that item.

• You can toggle between all the items found on the Initialize screen, except All Data. The item selected is underlined.

• Selecting the All Data soft key selects all the items displayed on the Initialize screen and all items are underlined.
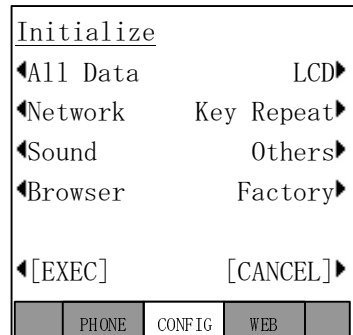
Important!   *Pressing the "All Data" key twice will not cancel the selection.*

• Pressing the EXEC soft key while "Network" is displayed underlined will initialize the selected item and will rewrite the NV-RAM data and cause the screen to move to the Resetting Selection Screen. (The Resetting Selection Screen will be described later.)

• Pressing the EXEC soft key any item except "Network" is displayed underlined will rewrite the NV-RAM data and go to the Configuration screen.

• If no setting change is made to the items and the EXEC key is pressed, the NV-RAM data will not be rewritten and goes to the Configuration screen.

• Pressing the CANCEL soft key will not initialize and goes to the Configuration screen.

• shows the Initial values of Settings:

Table 6   IPT2008-SDL Default Settings

| Major items		Minor items	Initial value
Network Diagnosis	1	Ping address	0.0.0.0
Network Setting (Basic)	1	DHCP server mode <ON/OFF>	ON
	2	IP address	127.0.0.1
	3	Subnet mask	255.255.255.0
	4	Default router address	0.0.0.0
	5	Station ID	blank
	6	Node number	blank
	7	Libra Server/IPU address setting <Manual / broadcast>	broadcast
	8	Libra Server/IPU IP address setting during manual setting	0.0.0.0
Network Setting (Advanced)	1	IP address setting for DNS Server (Primary Name Server)	0.0.0.0
	2	IP address setting for DNS Server (Secondary Name Server)	0.0.0.0
	3	GRQ port number <1024-65535>	1718
	4	RRQ port number <1024-65535>	1719
	5	IP address setting for application server	0.0.0.0
	6	External administration terminal IP address upper bound	0.0.0.0
	7	External administration terminal IP address lower bound	0.0.0.0
	8	External administration user ID	9999
	9	External administration password	9999

Table 6   IPT2008-SDL Default Settings

Major items		Minor items	Initial value
Sound Setting	1	Key beep <ON/OFF>	ON
	2	Room noise <ON/OFF>	OFF
	3	Handset BOV <ON/OFF>	OFF
	4	Carbon handset <ON/OFF>	OFF
	5	Carbon headset <ON/OFF>	OFF
	6	Headset Tx control <Normal / Low>	Normal
	7	Headset Tx volume <0:Min ñ 7:Max>	3
	8	Handset Rx output <ON/OFF>	OFF
	9	Comfort noise <ON/OFF>	ON
Key Repeat Setting	1	Key repeat <OFF/ON>	ON
	2	Repeat delay timer <1:Short ñ 5:Long>	1
	3	Repeat rate timer <1:Fast ñ 5:Slow>	1
Other Setting	1	Language mode <English (US/CA) / English (UK) / French / Spanish>	English(US/CA)
	2	Input timer mode <ON/OFF>	OFF
	3	Input timer value <1:Fast ñ 3:Slow>	<1:Fast ñ 3:Slow>
Factory Setting	1	ADM/DEBUG mode <DEBUG / ADM>	ADM
	2	Display/Key Test	
	3	Display mode <IPT2008 / DKT3014)	IPT2008

Reset

1. Select Configuration > Reset. The Reset screen displays
   ...or if you press the SET soft key when a setting change is made on the Network, Advanced and Initialize subsidiary screens.

2. Press EXEC to reset the terminal. "Terminal is reset. (Restart)" displays on the screen.
   ...or press CANCEL to go back to the Configurations screen.
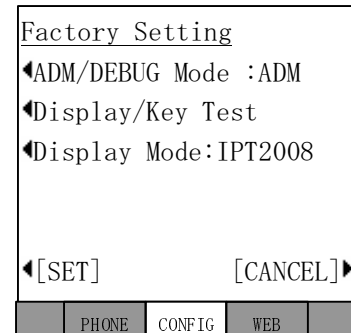
3. Select restart.
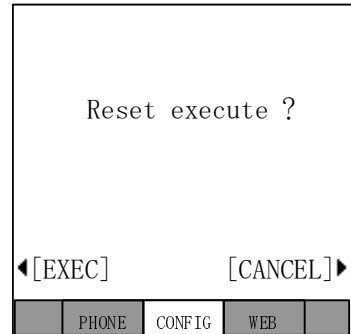
Note If the screen moves to the Configurations screen without resetting, even though there are changes in subsidiary item settings, then "Reset" will flicker (black and white) to prompt you to reset. Reset does not flicker if there were no setting changes in subsidiary items.

```
┌────────────────────────────────┐
│                                │
│                                │
│       Reset execute ?          │
│                                │
│                                │
│                                │
│ ◀[EXEC]            [CANCEL]▶    │
├────────┬────────┬────────┬─────┤
│        │ PHONE  │ CONFIG │ WEB │     │
└────────┴────────┴────────┴─────┘
```

Factory

➤ Select Configuration > Factory. The Factory Setting screen displays.

The general operation on the Key Repeat screens is as follows:

• To view details of an item displayed on the screens above, press the soft key that corresponds to that item.

• Press the SET soft key to rewrite the NV-RAM data if the ADM/DEBUG Mode is changed.

• Press the CANCEL soft key to cancel all the intended setting changes under Factory items and to go to the Configurations Screen without rewriting the NV-RAM data.

```
┌────────────────────────────────┐
│ Factory Setting                │
│ ◀ADM/DEBUG Mode :ADM           │
│ ◀Display/Key Test              │
│ ◀Display Mode:IPT2008          │
│                                │
│                                │
│ ◀[SET]             [CANCEL]▶   │
├────────┬────────┬────────┬─────┤
│        │ PHONE  │ CONFIG │ WEB │     │
└────────┴────────┴────────┴─────┘
```
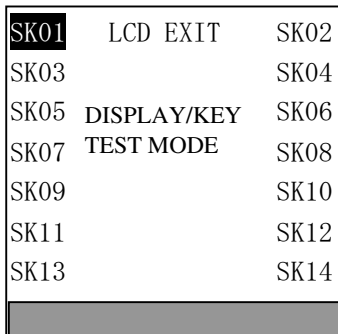
ADM/DEBUG Mode Screen

1. Select Configuration > Factory > IADM/DEBUG Mode. The ADM/DEBUG Mode screen displays.

2. Press the DEBUG or ADM soft keys to change the set value.

3. Press the SET soft key to accept the change. ...or press the CANCEL soft key to cancel the change.

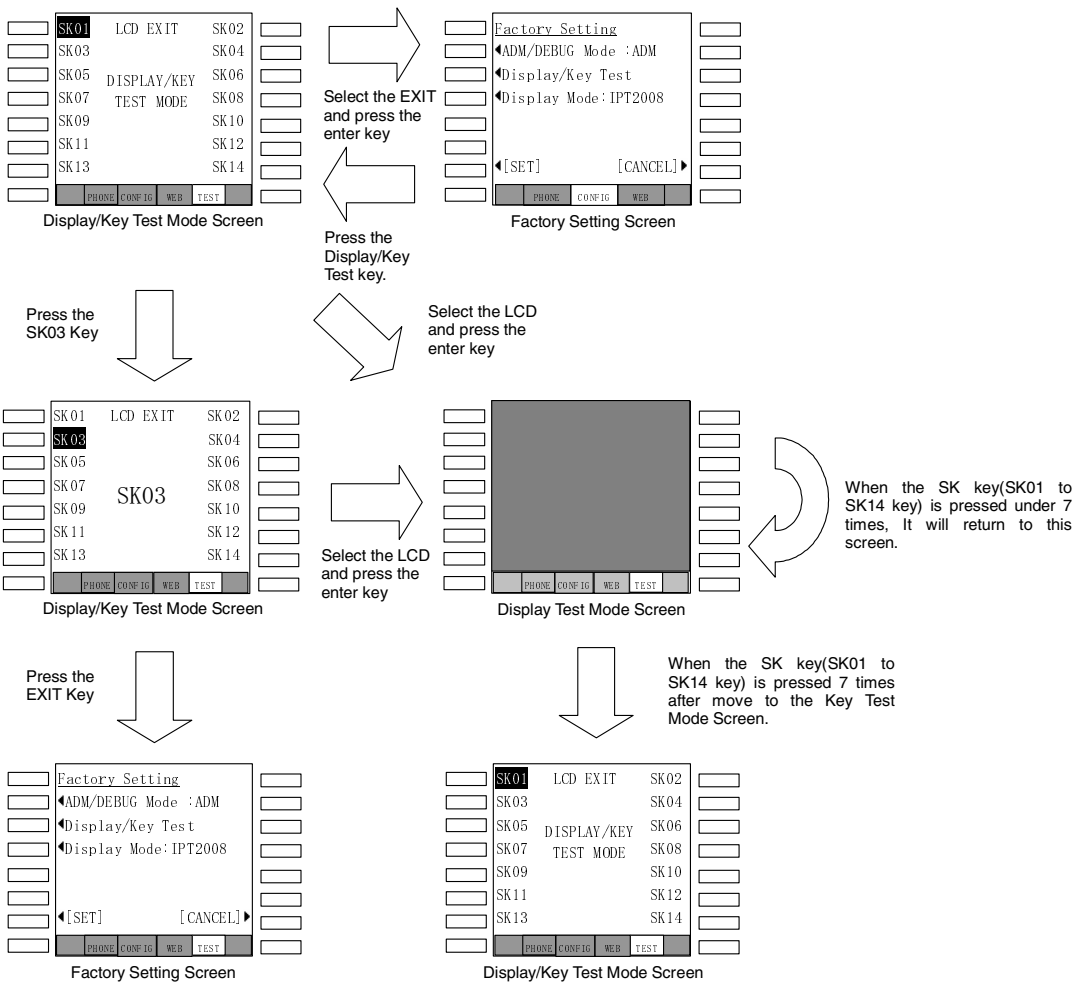   The setting is underlined in the Factory Setting screen display.
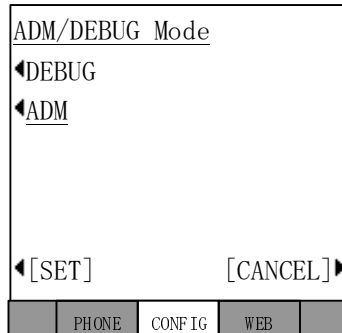
Display/Key Test

1. Select Configuration > Factory > Display/Key Test. The Display/Key Test Mode screen displays.

2. Press the soft key next SK01~SK14.

   The SKxx displays in the center of the screen (Key Test mode shown right).

3. Select the LCD on the Display/Key Test Mode Screen, then the screen to move to the Display Test Mode Screen. (See Figure on page 49).

Notes

- Pressing the SK01~SK14 soft keys, seven test patterns appear.

- When the SK01~SK14 soft key is pressed seven times, the screen returns to the Display/Key Test Mode Setting Screen.

4. Select the EXIT on the Display/Key Test Mode Screen to close the Display/Key Test Mode Screen and to go to the Factory Setting Screen (TEST tab disappears).
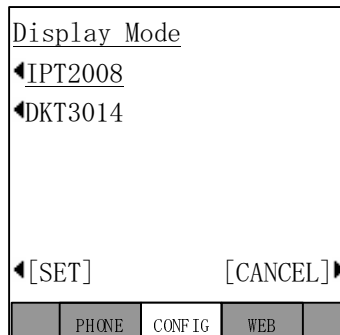
Display/Key Test Screens Flow Chart

Display Mode

1. Select Configuration > Factory > Display Mode. The Display Mode screen displays.

2. Press the IPT2008 or DKT3014 soft keys to change the set value.

Press the SET soft key to accept the change. ...or press the CANCEL soft key to cancel the change.

The setting is underlined in the Factory Setting screen display.

```
┌─────────────────────────────┐
│ Display Mode                │
│ ◀IPT2008                    │
│ ◀DKT3014                    │
│                             │
│                             │
│                             │
│ ◀[SET]           [CANCEL]▶  │
├──────┬───────┬───────┬──────┤
│      │ PHONE │CONFIG │ WEB  │
└──────┴───────┴───────┴──────┘
```

Index