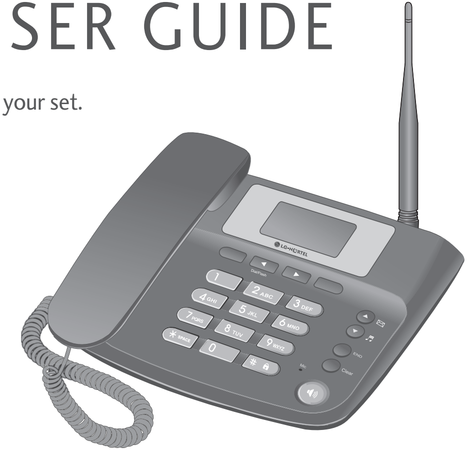
# LSP-430G | USER GUIDE

Please read this manual carefully before operating your set.
Retain it for future reference.


LG•NORTEL
Dial/Flash
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
* SPACE
0
#
Mic
END
Clear

# Highlights

Congratulations on your subscription to the LSP-430G Fixed Wireless phone. This phone has been designed to operate on the IS-2000 Air Protocol over the 800MHz band. And the phone has the advanced user interface similar to mobile phone. It has greatly enhanced voice clarity and provides various advanced features.

## Key phone features:

- Wide view, Graphic, Backlit Display
- Polyphonic Ring tones: A choice of 15 melodies and 5 bell sounds available
- Large Phonebook with 500 entries
- Speed Dialling for upto 99 numbers
- 3 Way call conferencing
- Enhanced SMS features - Group SMS.
- Hands free Speaker Phone
- Receiver Off-Hook tone
- Adjustable Ringer Volume, Earpiece Volume, Key Volume, Speaker Volume
- A Menu driven interface with prompts for easy operations
- Serial port for Diagnostic.
- Organiser: Scheduler, Alarm, Memo, Calculator, World Clock with DST, Stopwatch
- Fast charging battery
- Voice and Data Service (Internet Access)

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# 1. Important Information

## 1.1 Safety Instruction

WARNING / CAUTION

To reduce the risk of fire or electric shock, do not expose this phone to rain or moisture. Do not use this phone in swimming pools or other water bodies.

## 1.2 Optimal Phone Performance

- Do not hold the antenna when operating the phone, or operate the phone when someone is within four inches (ten centimeters) of the antenna. Both cases affect the call quality and may cause the phone to operate at a higher power level than required.
- For the best call quality, keep the antenna free from obstructions and position the antenna upright.
- Do not use the phone if the antenna is damaged. Replace the damaged antenna immediately by a qualified technician. Use only a manufacturer-approved antenna. Non-approved antennas, modifications or attachments may impair call quality and damage the phone.
- RF energy may affect improperly installed or inadequately shielded personal medical devices such as pace-makers or hospital monitors. Consult the manufacturer of any personal medical devices to determine whether they are adequately shielded from external RF energy. Turn your phone OFF in health care centers if any regulations posted in the area instruct you to do so. Hospitals or health care centers may be using equipment that may be sensitive to external RF energy.
- If this phone causes harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

  - Reorient or relocate the receiving antenna
  - Place the radio or television farther away from the phone.
  - Connect the equipment to an outlet on a circuit different from that to which the phone is presently connected.

**Regulatory Statements to be included in the Users Guide for Sputnik**

# USA-Federal Communications Commission (FCC)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by tuning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna
-Increase the distance between the equipment and the receiver.
-Connect the equipment to outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

## Caution: Exposure to Radio Frequency Radiation.

To comply with FCC RF exposure compliance requirements, for mobile configurations, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.

This device must not be co-located or operating in conjunction with any other antenna or transmitter.

# 1. Important Information

- Consult the Authorized LG-Nortel Dealer for assistance of an experienced radio/TV technician.

- ▶ Use battery, antenna and AC/DC power adapter provided by LG-Nortel . Using parts made by any other manufacturer may invalidate the warranty.
- ▶ Only authorized personnel should service the phone and its accessories. Faulty installation or service can be dangerous and may invalidate the warranty.
- ▶ Do not use the phone in any designated “cellular phone use” area.
- ▶ Avoid using the phone in high temperature or humidity.
- ▶ Avoid spilling any liquid on the phone. If the phone gets wet, turn the power off immediately. If the phone doesn’t work, please contact the service provider immediately.
- ▶ Avoid shock or impact.
- ▶ We recommend you to charge the backup battery before initial use. The backup battery may be discharged during delivery.

## 1.3 Care and Service

Before cleaning, always unplug the phone from the wall outlet and remove the antenna (or disconnect the antenna cable). Do not use liquid or aerosol cleaners; use a damp cloth for cleaning.

If the phone doesn’t work, do not attempt to disassemble it; contact the phone service agent for assistance.

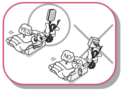
If any of the following conditions exist, unplug the phone from the wall plug, remove the battery and call the qualified engineer.

- The power supply cord is damaged or frayed.
- Liquid has spilled into the phone.
- The phone has been exposed to rain or water.
- The phone has been dropped or damaged.
- The phone does not function normally even after following the operating instructions.

# 1. Important Information

## 1.4 Safety Information

### WARNING



- For safety, use only an adapter approved by LG-Nortel .

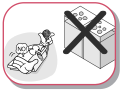
  LG-Nortel does not bear responsibility for any faults that may arise due to non-conformation to this guide. Example: LSP-430G

  (LG-Nortel Power Adapter Source: DC 5V / 1A)

- Do not, in any way, cause a short-circuit. It may start a fire or the phone may explode causing injury.

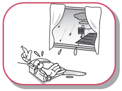
- Do not create a sudden impact on the battery by throwing it. Do not dispose off batteries by putting them in a fire. They may explode or catch fire due to the electrolyte within.

### CAUTION



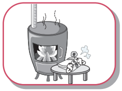
- Do not use the phone with a car battery. It may cause electric shock, fire, breakdown or transformation.

- Avoid using the phone in high temperature or humidity. Avoid spilling any liquid on this phone. If the phone gets wet, Switch off phone and turn off AC power supply.



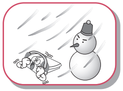
- Keep the phone dry. Submersion, humidity, and liquids contain minerals that may corrode internal electronic circuits.

- Do not store or use the phone in dusty or dirty areas as this can damage the moving parts.

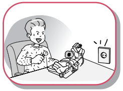


- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.

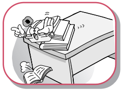
# 1. Important Information



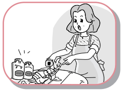
- Do not store the phone in cold areas. When the phone warms upto its normal operating temperature, moisture can form inside the phone, which can damage the internal electronic circuit boards.



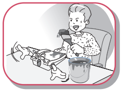
- Do not attempt to open it. Non-expert handling of the device could damage it. It may cause fire, electric shock and breakdown. Consult your authorized LG-Nortel dealer for assistance.



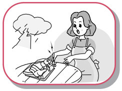
- Do not drop, knock or shake the phone. Rough handling may break the internal circuit boards.



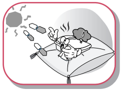
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth that has been slightly dampened in a mild soap and water solution.



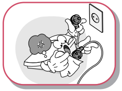
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper functioning.



- During lightning, do not touch the power plug or the phone line. It may result in an electric shock or death.



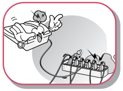
- Do not install the phone under direct sunlight or on an uneven surface.



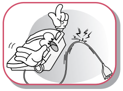
- Before using the plug, check the available power voltage. Inaccurate power voltage may cause fire and damage.

  Example: LSP-430G Input Voltage: 100 ~ 240V.

# 1. Important Information



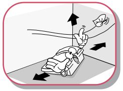
- Do not plug many power cords into one outlet.
  It may cause fire or electric shock.



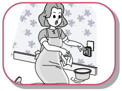
- Do not remodel the power cord or disassemble it.

  If the power cord or plug is impaired, do not use it.

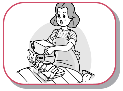
  It may cause fire or electric shock



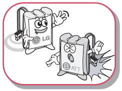
- Do not install the phone in an ill-ventilated place.
  It may cause fire or a breakdown.



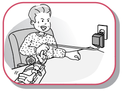
- Do not touch the plug with wet hands. When disconnecting the power cord of any accessory, grasp and pull out the plug itself and not the cord. It may cause fire or electric shock.



- Do not put heavy objects on the power cord. Do not bend the power cord too much. It may cause fire or electric shock.



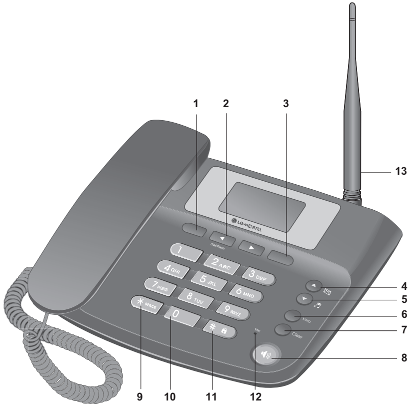
- Use only an LG-Nortel approved battery and adapter. If not, it may cause an explosion or result in a short-circuit. LG-Nortel does not bear any responsibility for the damage.



- When you disconnect the power cord of any accessory, grasp and pull the plug itself and not the cord. It may cause the adapter to breakdown.

# 2. Introduction

## 2.1 Front View of the Phone



① Soft key 1 : Activates Menu state

② Dial/Flash : Activates Dial or Flash state, make it possible to redial from call history

③ Soft key 2 : Searches phone number list

④ ( ✉ ▲) : Moves to SMS Menu, Moves up in the Menu

⑤ ( ♫ ▼) : Selects Melody/Bell setting Menu, Moves down in the Menu

⑥ END/PWR : Deactivates a state - End or Power ON/OFF

⑦ Clear : Deletes the last digit, Moves previous Menu, My Menu

⑧ ( 🔊 ) : Activates hands free speaker phone function

⑨ ‘*’ : Input dial ‘*’, Makes a phone switch between the ‘Light mode’ & the ‘earlier set mode’ after long-press

⑩ ‘0’ : Input dial ‘0’, Makes a phone lock after long-press

⑪ ‘#’ : Input dial ‘#’, Makes a phone input ‘space’ during text entry operation

⑫ MIC

⑬ Attached Antenna

# 2. Introduction

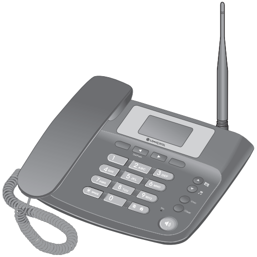
## 2.2 LCD Display

The LCD shows icons on the top of the LCD screen.
Different indicators appear based on the phone's operating mode.

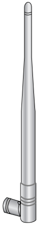
| Icon | Operating Condition |
|---|---|
| 📶 | RSSI indicator: Indicates the signal strength in the service area. |
| 📵 | No service: The phone is not receiving any system signal. |
| R | Roaming Service |
| 🔔 | Bell (Light : 💡 ). |
| 📞 | In use: Displayed when a call is in progress or the phone is in off-hook state |
| ⏰ | Alarm: Displayed when alarm time is set |
| ✉ | Text message: Displayed when a text message is received |
| 📼 | Voice message: Displayed when voice message are received |
| ✉📼 | Text and Voice message: Displayed when text and voice messages are received. |
| 🔒 | Lock mode |
| 🔋 | Battery charge level: Indicates charged battery level |
| AC | Charge complete (Others : 🔌 , Only outlet (No battery) ) |
| ▭ | No AC power & Battery ON. But in low battery state |

## 2.3 Installation

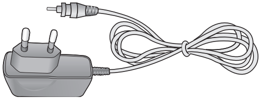
You should follow each step carefully as shown below in order to guarantee the proper operation of CDMA Fixed Wireless Phone.



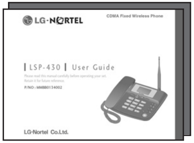
Main Phone



Dipole Antenna



AC/DC Power Adapter



LG-NORTEL

CDMA Fixed Wireless Phone

| LSP-430 | User Guide

Please read this manual carefully before operating your set.
Retain it for future reference.

P/NO : MMBB0134002

LG-Nortel Co.Ltd.

User Guide

# 2. Introduction

## STEP I. Check Components

- ▶ The following components are supplied for Fixed Wireless Phone.

| | |
|---|---|
| 1. LSP-430G Main Phone with Handset | -1EA- |
| 2. Dipole Antenna | -1EA- |
| 3. AC/DC Power Adapter | -1EA- |
| 4. User Guide | -1EA- |

- ▶ Please make sure that these components are present before you begin to install the phone. If any of the components are missing or damaged, contact your service provider immediately.

## STEP II. Place the Terminal

- ▶ Place the phone on the stable flat surface area (desk, table, etc.). Serious damage may result if the phone is dropped. Do not place the phone within 1 meter of heaters or radiators.

  This phone is designed for desktop usage. Avoid the direct exposure to sunlight and dampness.

- ▶ Read the SAFETY INFORMATION located in the first part of this document before you place the phone.

## STEP III. Connect Components (Please refer to “Installation Steps” in 2.4)

- ▶ Connect the antenna to the TNC antenna connector located at the top of the phone. If you have placed the phone on a flat surface, position the antenna upright.
- ▶ Connect the curl cord of the handset to the RJ-11 port located on the bottom side of the phone.
- ▶ Connect the AC/DC Adapter cable to the DC input port located at the top of the phone.

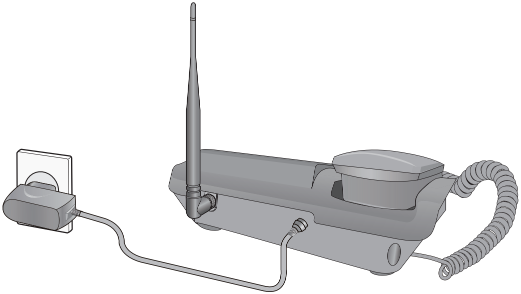
  - If it is correct, a beep tone will be heard.

  - If it is not correct (Booting fails or beep tone is not heard), you will have to reconnect the adapter.

# 2. Introduction

- Please observe the following to get better voice quality.

  1. Keep away from electrical appliances such as TV, computer, radio etc.
  2. Keep the phone in a high and central location without any obstructions.
  3. Raise the integral antenna of the phone to get maximum strength as shown in the figure.



## STEP IV.  Check the LCD Display

- After you follow the installation instruction step I to step III, please check  the LCD for normal operation.
- If you do not see the status of service, please repeat the 4th instruction of step III.

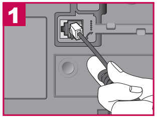
  Then confirm the status of phone to get the proper signal strength from the service operator system.

# 2. Introduction

## 2.4 Installation Steps

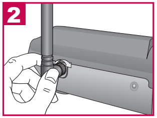
Please follow the procedure below to install the phone properly.

1



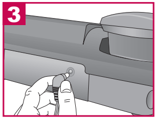
Connect base-handset to the handset connector.

2



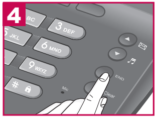
Connect the antenna to the TNC connector (Turn right).

3



Connect the AC power supply.

4



Press END button to operate initially.

# 3. Basic Operations

## 3.1 Making a Call

You can make a call as follows.

1. Pick up the handset or press 🔊 button.
2. Listen for dial tone.
3. Enter the phone number with area code if needed.
4. Wait for the Auto Dial Time-out or Press **Dial/Flash** button.
5. The call is connected and you may start conversation.
6. To disconnect the call, replace the handset or press 🔊 button.

※ When the user presses the **Dial/Flash** button after dialing any desired number, the phone makes a call immediately.

## 3.2 Redialing Last Number

You can make a redial to last number, shown in All Calls.

1. Pick up the handset or press 🔊 button.
2. Listen for dial tone.
3. Press **Dial/Flash** button.
4. The call is connected and you may start conversation.
5. To disconnect the call, replace the handset or press 🔊 button.

※ You can also dial any of the last 60 (Dialled+Received+Missed+In Call Memo) numbers stored in All Calls.

## 3.3 3 way call conferencing

You can start tripartite conversation.

1. Enter the phone number of the 2nd party phone while you are in telephonic conversation with 1st party.
2. Press **Dial/Flash** button.

This service should be provided by your service provider.

# 3. Basic Operations

## 3.4 Volume Control

1. Press **Up/Down** button of navigation while in a call, to adjust Earpiece volume.

## 3.5 Receiving a Call

When the bell rings or backlight blinks in Light mode, you can receive a call as follows

1. Pick up the handset or press the 🔊 button.
2. Start a conversation.
3. To disconnect the call, replace the handset or press the 🔊 button.

## 3.6 Lock Mode

Protects your phone from unauthorized use. Once the phone is locked, it is in restricted mode, until the lock code is entered. This will allow you to receive phone calls and still make only emergency calls. The lock code/password on your phone is “0000” by default. If you need to modify the lock code, you may modify it using the new lock code within the security set Menu.

* Also, you can lock your phone manually and change your default password as explained [4.6.4 page no.40]

**Under Lock Mode**

1. Press ‘0’ button for some time.

   The phone is now locked.
2. To unlock, press Unlock button(Soft Key 2).

| | | | |
|---|---|---|---|
| •••••• | Dial/Flash | | •••••• |
| Soft Key 1 | | | Soft Key 2 |

3. Enter unlock code. (Default “0000”)

## 3.7 Entering and Editing Information

You can edit the phonebook, Short Messages, Scheduler and Banner using various text input mode.

## Key Functions

Soft key 2 : Press to scroll and select a mode through menus.

- You can scroll through the modes using Soft key 2 in the following
- *SHIFT Shift key : Used to change the letter case. In Abc Mode, it switches 3-types of letter case such as Abc, ABC, abc.
- 1.,? . key : In Abc mode, press to insert sentence mark ( . , - ? ! ' @ : 1 )
- #SPACE SPACE key : Press to complete a word or insert a space.
- Clear key : Press to delete a single space or character. Press and hold to delete entire words.

## Input Mode

Text Input provides six modes for entering text, numbers, special characters, and punctuation.

- Abc Mode : Use Abc mode to input text in English. If you want an instant input of numbers in Abc mode without converting to 123 mode, press the button until number is displayed In Abc mode.
- 123 Mode : Type numbers using one keystroke per number. To change to 123 mode in a text entry field, press Soft key 2 until 123 mode is displayed.
- Symbols Mode : Insert special characters, punctuation. You may use any of the special characters. When the special characters are displayed, you can select the number corresponding to the character that you want to input. To search more symbols, press Soft key 1 **Next** or **Up/Down** key button.
- Smileys Mode : Insert smileys in your text. When the smileys are displayed, you can select the number corresponding to the smileys that you want to input. To search more smileys, press Soft key 1 **Next** or **Up/Down** key button.

# 3. Basic Operations

- Templates : You can use predefined message in the phone memory immediately. This mode is very useful for save your time.

Initial Cap(Abc)

Only the first letter is capitalized.

Caps Lock(ABC)

All subsequent letters are capitalized.

Lowercase(abc)

All subsequent letters are lowercase.

## Examples Using ABC Text input

*Typing In ABC(Multi-tap) Mode*

For example, to type “MANUAL”, follow these steps:

1. Press: Soft key 2 to change letter case Abc mode.
2. Press: Shift key to change to ABC Caps Lock mode.
3. Press: 6 MNO 2 ABC 6 MNO 6 MNO 8 TUV 8 TUV 2 ABC 5 JKL 5 JKL 5 JKL
4. Display: MANUAL

# 4. Menu Tree

| Main Menu | Sub-Menu | Setting Value |
|---|---|---|
| 1. Names | 1. Find | Name Search / Number Search |
| | 2. Add | Name / Mobile / Home / Office / General / E-mail / Memo / Ring |
| | 3. Speed Dial | Options / Erase |
| | 4. Erase All Names | Yes / No |
| 2. Messages | 1. Write | Abc / 123 / Symbols / Smileys / Templates/Fra |
| | 2. Inbox | View / Erase |
| | 3. Outbox | View / Erase |
| | 4. Voice Mail | Erase |
| | 5. Broadcast box | View / Erase |
| | 6. Archive | View / Erase |
| | 7. Drafts | View / Erase |
| | 8. Templates | View / Add |
| | 9. SMS Groups | View / Options |

# 4. Menu Tree

| Main Menu | Sub-Menu | Setting Value |
|---|---|---|
| | 0. Erase Message | Erase Inbox / Erase Outbox / Erase Broadcast box / Erase Archive / Erase Drafts / Erase All Messages |
| | *. Message Settings | Priority / Delivery Ack / Deferred Delivery / Validity Period / Save Sent Message / Auto Delete Inbox |
| 3. Call History | 1. Missed | View / Erase |
| | 2. Received | View / Erase |
| | 3. Dialled | View / Erase |
| | 4. In Call Memo | View / Erase |
| | 5. Call Duration | Last Dialled Calls / All Dialled Calls / All Calls / Reset Call Duration |
| | 6. Erase History | Erase Missed / Erase Received / Erase Dialled |
| 4. Sound | 1. Ring Type | Ring / One-Beep / Light |
| | 2. Ring Tone | Bell / Melody |
| | 3. Ringer Volume | Option setting (Bar 0 ~ Bar 5) |
| | 4. Earpiece Volume | Option setting (Bar 1 ~ Bar 5) |
| | 5. Key Volume | Option setting (Bar 0 ~ Bar 5) |
| | 6. Speaker Volume | Option setting (Bar 1 ~ Bar 5) |

# 4. Menu Tree

| Main Menu | Sub-Menu | Setting Value |
|---|---|---|
| | 7. Message Alert | Alert Type / Alert Tone / Message Reminder |
| 5. Display | 1. Language | English/Français |
| | 2. Wallpaper | Idle Screen / Banner |
| | 3. Menu Style | List / Icon |
| | 4. Backlight | Off / 10 Secs / 30 Secs / Night Only / Always On |
| | 5. Contrast | Option setting (Bar 0 ~ Bar 8) |
| 6. Settings | 1. Add to My Menu | Names / Messages / Call History / Sound / Display/ Settings / Organiser |
| | 2. Call | Call Forward / VMS Forward / Voice Mail Access Number / Call Timer / Call Connect Alert / Silent Scratch Pad |
| | 3. Phone | Auto Dial Time Out / Phone Info |
| | 4. Security | Lock Mode / Emergency Numbers / Change Lock Code / Restrict Call / HotLine / Set NAM / Clear Memory & Reset / Reset Phone |

# 4. Menu Tree

| Main Menu | Sub-Menu | Setting Value |
|---|---|---|
| 7. Organiser | 1. Scheduler | OK / Add |
| | 2. Alarm | Options / View |
| | 3. Memo | View/ Add |
| | 4. Calculator | OK / Back |
| | 5. World Clock | DST / Back |
| | 6. Stopwatch | Start |

# 4. Menu Tree

## 4.1 Names

You may select from four Sub-Menus (Find, Add, Speed Dial, Erase All Names) for this item. If you press Soft Key1, Menu is activated.

| | | | |
|---|---|---|---|
| •••••• | Dial/Flash | | •••••• |
| Soft Key 1 | | | Soft Key 2 |

To scroll in Menu, press ▲, ▼, ◀ or ▶ button.

To return to the initial screen, press **END** button and to return to the previous screen, press **Clear** button.

* In this menu, All sorts of the icon have the meaning as follows:

- Name of person : ☺
- Mobile phone number : 📱
- Home phone number : 🏠
- Office phone number : 🏢
- General phone number : ☎
- E-mail address : ✉
- Memo: 📝
- Ring: 🔔

### 4.1.1 Find

To find phone numbers you have stored in the Phone Book.

1. Press Soft key 1 **Menu** + **1** ( **Names** ) + **1** ( **Find** ) in on-hook state.
2. Select a desired search Menu. **Name Search** , **Number Search** : Enter full or starting of name (Number), select **OK** .
3. Select desired item.
4. To make a call, pick up the handset or press 🔊 button.
5. To view, press Soft Key 1.

   **Options** : You can **Edit** or **Erase**.

   You can send a message also while number is highlighted.

# 4. Menu Tree

## 4.1.2 Add

You can save upto 500 entries in your LSP-430G phonebook.

You can store multiple contact details under a Name: Mobile Number, Home Number, Office Number, General Number, E-mail address of the contact.

You can also add any additional details about the contact like the Person's birthday , favorite things etc in Memo.

Lastly, there is an option to assign a Ring tone to a Name.

1. Press Soft key 1 **Menu** + **1** ( **Names** ) **2** ( **Add** ) in on-hook state.
2. Enter the information to select a desired item.

## 4.1.3 Speed Dial

Speed Dial allows you to make a call faster by just pressing a corresponding number.

You can save upto 99 entries.

1. Press Soft key 1 **Menu** + **1** ( **Names** ) + **3** ( **Speed Dial** ) + **Options** +**1** ( **Add** ) in on-hook state.
2. Find your desired phone number.
3. Select **OK** .

* You can **Replace or Erase** a stored item.

## 4.1.4 Erase All Names

You can delete all Entries in your LSP-430G phone book.

1. Press Soft key 1 **Menu** + **1** ( **Names** ) + **4** ( **Erase All Names** ) in on-hook state.
2. Enter Lock Code. ( Default 0000)
3. Press “Yes” or “No”.

## 4.2 Messages

Text messaging, page and voice mailbox become available as soon as the power is on. You may access the above type of messages using the Messages ( ✉ ) key.

The phone can store upto 50 messages in each Inbox and Outbox. And the phone can also store upto 50 messages in Archive, 30 messages in Drafts, 30 messages in Templates, 5 SMS Groups with 10 Entries per Group.

If you press Soft Key1, Menu is activated.

| | | | |
|---|---|---|---|
| •••••• | Dial/Flash | | •••••• |
| Soft Key 1 | | | Soft Key 2 |

To scroll in Menu, press ▲, ▼ , ◀ or ▶ button.

To return to the initial screen, press **END** button and to return to the previous screen, press **Clear** button.

To access messages, Press Soft key 1 **Menu** + 2 ( **Messages** ) in on-hook state.

* In the list of Inbox or Outbox , all sorts of the icon have the meaning as follows:

- Unread : ✉
- Unread Urgent : ✉⚠
- Read : ✉
- Read Urgent : ✉⚠
- Sent : ✉
- Sent Urgent : ✉⚠
- Unsent : ▨
- Unsent Urgent : ▨⚠

### 4.2.1 Write

1. Press Soft key 1 **Menu** + 2 ( **Messages** ) + 1 ( **Write** ) in on-hook state.
2. Write message.

   Refer to the 3.8 (page 17) Entering and Editing Information about text input.
3. Select **OK** .

# 4. Menu Tree

4. Enter phone number or press **Options**.

   **Options** : can select **Find**, **SMS Groups**.

5. Select options as following.

*Priority*: Allows you to give priority to Message as **Normal** or **Urgent**.

*Delivery Ack*: This function allows you to know whether the Messages have been successfully transmitted to the recipient. If you want to activatethis function, set to **On** or **Off**.

*Deferred Delivery* : This function allows you to reserve when the message is sent.

You may select from seven options( **Immediate** / **After 30 Minutes** / **After 1 Hour** / **After 2 Hours** / **After 12 Hours** / **After 1 Day** / **After 2 Days** )

*Validity Period* : This function allows you to define the period of the valid message until the message sending is completed.

You may select from seven options( **Default** / **30 Minutes** / **1 Hour** / **2 Hours** / **12 Hours** / **1 Day** / **2 Days** )

*Save Sent Message:* This function allows you to choose whether the sent message shall be saved or not. You may select **On** or **Off**

6. Select **Send**.

## 4.2.2 Inbox

Received messages are stored here.

1. Press Soft key 1 **Menu** + **2** ( **Messages** ) + **2** ( **Inbox** ) in on-hook state.
2. To erase message, select **Erase**.
3. To view desired message, select **View**.
4. You may select from five options (1. Erase 2. Reply 3. Forward 4. Move To Archive 5. Save Number).

* For example, the meaning of (2/3) in Inbox is that 2 out of 3 messages are unread.

## 4.2.3 Outbox

All your successfully sent messages are saved here.

1. Press Soft key 1 **Menu** + 2 ( **Messages** ) + 3 ( **Outbox** ) in on-hook state.
2. To erase message, select **Erase** .
3. To view desired message, select **View** .
4. You may select from four options (1. Erase 2. Resend 3. Forward 4. Move To Archive).

## 4.2.4 Voice Mail

Voice mail notifications indicate the number of new voice mail messages in your mailbox.

Only the most recent voice mail notification will be stored in your phone;

previous message will be overwritten.

1. Press Soft key 1 **Menu** + 2 ( **Messages** ) + 4 ( **Voice Mail** ) in on-hook state.
2. Pick up the handset or press 🔊 button to make a call back your voice mailbox if the number of the voice mailbox is provided by the telecom service company's system.

## 4.2.5 Broadcast box

Message box for advertisement

1. Press Soft key 1 **Menu** + 2 ( **Messages** ) + 5 ( **Broadcast box** ) in on-hook state.
2. To erase all messages, Select **Erase** .
3. To view desired message, Select **View** .
4. You may select option.

## 4.2.6 Archive

Archive allows you to store your messages in a different folder.

1. Press Soft key 1 **Menu** + 2 ( **Messages** ) + 6 ( **Archive** ) in on-hook state.

# 4. Menu Tree

2. To erase message, select **Erase** .
3. To view desired message, select **View** .
4. You may select options
   (**Inbox:** 1. Erase 2. Reply 3. Forward
   4. Save Number **Outbox:** 1. Erase 2. Resend
   3. Forward)

## 4.2.7 Drafts

A Draft is a function enabling you to store messages to be sent in Future. A total of upto 30 messages may be saved in Draft. These include failed messages, incomplete/unsent messages saved by the user and also messages which automatically get saved when a user is interrupted by a call while composing a message.

The most recent data is saved at the top of list.

1. Press Soft key 1 **Menu** + **2** ( **Messages** ) +
   **7** ( **Drafts** ) in on-hook state.
2. To erase message, select **Erase** .
3. To view desired message, select **View** .
4. You may select from two options (1. Erase
   2. Send).

## 4.2.8 Templates

There are 10 predefined phrases included in the Templates.

You may add up 20 templates more. A total of 30 templates may be saved.

1. Press Soft key 1 **Menu** + **2** ( **Messages** ) +
   **8** ( **Templates** ) in on-hook state.
2. If you select the message, View/Add appears on the screen.

   *View*: There are two options: Erase and Edit.

   *Add* : You may add new template Messages to the Templates list.

## 4.2.9 SMS Groups

Five SMS Groups are available in your phone. You can add upto ten members in each group. You can also rename the group name.

1. Press Soft key 1 **Menu** + 2 ( **Messages** ) + 9 ( **SMS Groups** ) in on-hook state.
2. Select desired group

   *View :* There are five options (1. Send 2. Send to all 3. Replace 4. Erase Member 5. Erase Group) or add new member.

   *Options* : There are four options (1. Send 2. Rename 3. Erase Group 4. Erase All).

## 4.2.10 Erase Message

You may erase message with various options from Inbox, Outbox, Broadcast box, Archive, or Drafts. You may Erase All Messages by selecting single option All Messages.

1. Press Soft key 1 **Menu** + 2 ( **Messages** ) + 0 ( **Erase Message** ) in on-hook state.
2. Select desired option to erase.
3. Press **OK** button.

## 4.2.11 Message Settings

*Priority*

1. Press Soft key 1 **Menu** + 2 ( **Messages** ) + *( **Message Settings** ) + 1 ( **Priority** ) in on-hook state.
2. You may select from two options (1. **Normal** 2. **Urgent** ).

*Delivery Ack*

1. Press Soft key 1 **Menu** + 2 ( **Messages** ) + *( **Message Settings** ) + 2 ( **Delivery Ack** ) in on- hook state.
2. Select **On** or **Off** .

*Deferred Delivery*

1. Press Soft key 1 **Menu** + 2 ( **Messages** ) + *( **Message Settings** ) + 3 ( **Deferred Delivery** ) in on-hook state.
2. Select one of the following.

# 4. Menu Tree

1. **Immediate** 2. **After 30 Minutes**
3. **After 1 Hour** 4. **After 2 Hours**
5. **After 12 Hours** 6. **After 1 Day**
7. **After 2 Days**

*Validity Period*

1. Press Soft key 1 **Menu** + 2 ( **Messages** ) +
*( **Message Settings** ) +
4 ( **Validity Period** ) in on-hook state.
2. Select desired time.

1. **Default** 2. **30 Minutes** 3. **1 Hour**
4. **2 Hours** 5. **12 Hours** 6. **1 Day**
7. **2 Days**

*Save Sent Message*

1. Press Soft key 1 **Menu** + 2 ( **Messages** ) +
*( **Message Settings** ) +
5 ( **Save Sent Message** ) in on-hook state.
2. Select **On** or **off** .

*Auto Delete Inbox*

1. Press Soft key 1 **Menu** + 2 ( **Messages** ) +
*( **Message Settings** ) +
6 ( **Auto Delete Inbox** ) in on-hook state.
2. Select **On** or **Off** .

## 4.3 Call History

If you press Soft Key1 , Menu is activated.

•••••• Dial/Flash ••••••

Soft Key 1 Soft Key 2

To scroll in Menu, press ▲, ▼ , ◀ or ▶ button.

To return to the initial screen, press **END** button and to return to the previous screen, press **Clear** button.

The phone can store upto 60 Received Call, 60 Dialled Call, 60 Missed Call and 5 In Call Memo in Call History.

* In the list of All Calls, All sorts of the icon have the meaning as follows:

- Received :
- Dialled :
- Missed :
- In Call Memo :
- 3 Way Call :

## 4.3.1 Missed

1. Press Soft key 1 **Menu** + 3 ( **Call History** ) + 1 ( **Missed** ) in on-hook state.
2. To erase missed call, select **Erase** .
3. To view desired item, select **View** .
4. You may select from three options (1. Erase 2. Send Message 3. Save Number).

## 4.3.2 Received

1. Press Soft key 1 **Menu** + 3 ( **Call History** ) + 2 ( **Received** ) in on-hook state.
2. To erase received calls, select **Erase** .
3. To view desired item, select **View** .
4. You may select from three options (1. Erase 2. Send Message 3. Save Number).

## 4.3.3 Dialled

1. Press Soft key 1 **Menu** + 3 ( **Call History** ) + 3 ( **Dialled** ) in on-hook state.
2. To erase dialled numbers, select **Erase** .
3. To view desired item, select **View** .
4. You may select from three options (1. Erase 2. Send Message 3. Save Number).

# 4. Menu Tree

### 4.3.4 In Call Memo

“In Call Memo” allows you to make quick notes (numbers only) while call is in progress. While in call, press Soft key 1 (Menu), and then select 2 to type in ‘In Call Memo’.

To retrieve an In Call Memo :

1. Press Soft key 1 **Menu** + **3** ( **Call History** ) + **4** ( **In Call Memo** ) in on-hook state.
2. To erase in call memo, select **Erase** .
3. To view desired item, select **View** .
4. You may select from three options (1. Erase 2. Send Message 3. Save Number).

### 4.3.5 Call Duration

1. Press Soft key 1 **Menu** + **3** ( **Call History** ) + **5** ( **Call Duration** ) in on-hook state.
2. You may select from four options (1. Last Dialled Calls 2. All Dialled Calls 3. All Calls 4. Reset Call Duration).

### 4.3.6 Erase History

You may erase all history from three options (1. Erase Missed 2. Erase Received 3. Erase Dialled)

1. Press Soft key 1 **Menu** + **3** ( **Call History** ) + **6** ( **Erase History** ) in on-hook state.
2. To select history that you want to erase, press **OK** .

When you press the **Dial/Flash** button, All Calls are displayed.

## 4.4 Sound

Sound lets you choose your phone’s sound settings to your environment.

Sound Menu contains settings for your phone’s Ring Type, Ring Tone, Ringer Volume, Earpiece Volume, Key Volume, Speaker Volume, and Message Alert.

# 4. Menu Tree

If you press Soft Key1, Menu is activated.

•••••• | Dial/Flash | | ••••••

Soft Key 1 Soft Key 2

To scroll in Menu, press ▲, ▼, ◀ or ▶ button.
To return to the initial screen, press **END** button and to return to the previous screen, press **Clear** button.

## 4.4.1 Ring Type

You may select the call alert option.

1. Press Soft key 1 **Menu** + 4 ( **Sound** ) +
   1 ( **Ring Type** ) in on-hook state.
2. There are three modes (1. Ring 2. One-Beep 3. Light).

## 4.4.2 Ring Tone

1. Press Soft key 1 **Menu** + 4 ( **Sound** ) +
   2 ( **Ring Tone** ) in on-hook state.
2. There are two modes (1. Bell 2. Melody).
   You may select one ring sound among the 5 Bells or 15 Melodies.

## 4.4.3 Ringer Volume

You may select a volume level of ringer sound among the 0 ~ 5 steps.

When you select 0 level, ringer sound become mute.

1. Press Soft key 1 **Menu** + 4 ( **Sound** ) +
   3 ( **Ringer Volume** ) in on-hook state.
2. Select the desired volume level by using the navigation key and press **OK** .

## 4.4.4 Earpiece Volume

You may select a volume level of handset earpiece sound among the 1 ~ 5 steps.

1. Press Soft key 1 **Menu** + 4 ( **Sound** ) +
   4 ( **Earpiece Volume** ) in on-hook state.

# 4. Menu Tree

2. Select the desired volume level by using the navigation key and press **OK** .

## 4.4.5 Key Volume

You may select a volume level of key tone sound among the 0 ~ 5 steps.

When you select 0 level, key tone sound become mute.

1. Press Soft key 1 **Menu** + **4** ( **Sound** ) + **5** ( **Key Volume** ) in on-hook state.
2. Select the desired volume level by using the navigation key and press **OK** .

## 4.4.6 Speaker Volume

You may select a volume level of speaker phone sound among the 1 ~ 5 steps.

1. Press Soft key 1 **Menu** + **4** ( **Sound** ) + **6** ( **Speaker Volume** ) in on-hook state.
2. Select the desired volume level by using the navigation key and press **OK** .

## 4.4.7 Message Alert

1. Press Soft key 1 **Menu** + **4** ( **Sound** ) + **7** ( **Message Alert** ) in on-hook state.
2. Select desired item (1. Alert Type 2. Alert Tone 3. Message Reminder)

*Alert Type*: 1. **Off** 2. **Ring** 3. **One-Beep** 4. **Light**

*Alert Tone*: 1. **Effect 1** 2. **Effect 2** 3. **Effect 3** 4. **Effect 4** 5. **Effect 5**

*Message Reminder*: 1. **Off** 2. **Once** 3. **Every 2 Minutes** 4. **Every 5 Minutes**

## 4.5 Display

You can personalize your phone’s display by selection of various display settings like Language, Wallpaper, Menu Style, Backlight and Contrast.

If you press Soft Key1, Menu is activated

| | | | |
|---|---|---|---|
| •••••• | Dial/Flash | | •••••• |
| Soft Key 1 | | | Soft Key 2 |

To scroll in Menu, press ▲, ▼, ◀ or ▶ button.

To return to the initial screen, press **END** button and to return to the previous screen, press **Clear** button.

### 4.5.1 Language

1. Press Soft key **1** **Menu** + **5** ( **Display** ) + **1** ( **Language** ) in on-hook state.
2. Select English Language first and press **OK** .

### 4.5.2 Wallpaper

It allows you to customize the LCD screen display in the standby mode / idle state.

1. Press Soft key 1 **Menu** + **5** ( **Display** ) + **2** ( **Wallpaper** ) in on-hook state
2. Select **1** ( **Idle Screen** ) or **2** ( **Banner** ).

**Idle Screen**

Allows you to choose among given LCD screen display option during idle state.

The Idle Screen has 6 options(Clock1, Clock2, Mushroom, Castle, Beach, Sea), So you may choose the one of those screens.

**Banner**

Enter the string of characters you want to be displayed.

Banner is presented during idle mode along with selected wallpaper.

# 4. Menu Tree

In the “clock 2” idle screen option, banner will not displayed.

### 4.5.3 Menu Style

Allows you to select the Menu style.

1. Press Soft key 1 **Menu** + 5 ( **Display** ) +3 ( **Menu Style** ) in on-hook state
2. Select 1 ( **List** ) or 2 ( **Icon** ) and press **OK** .

### 4.5.4 Backlight

Allows you to choose the settings of the LCD and keypad backlight.

1. Press Soft key 1 **Menu** + 5 ( **Display** ) +4 ( **Backlight** ) in on-hook state.
2. Select among **Off** / **10 Secs** / **30 Secs** / **Night Only** / **Always On**

* If you want to turn on the backlights from 6 PM to 6 AM, select Night Only.

### 4.5.5 Contrast

Allows you to select the contrast setting using the scale of brightest to darkest.

You may select a contrast level of LCD among the 0 ~ 8 steps.

1. Press Soft key 1 **Menu** + 5 ( **Display** ) + 5 ( **Contrast** ) in on-hook state.
2. Select the desired contrast level by using the navigation keys and press **OK** .

## 4.6 Settings

If you press Soft Key1, Menu is activated.

| | | | |
|---|---|---|---|
| •••••• | Dial/Flash | | •••••• |

Soft Key 1 Soft Key 2

To scroll in Menu, press ▲, ▼ , ◀ or ▶ button.

To return to the initial screen, press **END** button and to return to the previous screen, press **Clear** button.

## 4.6.1 Add to My Menu

Allows you to: 1) Make you own menu. 2) Access your favorite menu quickly by customizing My Menu. By pressing the Clear button in idle condition, user will go to 'My Menu' option and can access or erase.

To add to My Menu

1. Press Soft key 1 **Menu** + 6 ( **Settings** ) + 1 ( **Add to My Menu** ) in on-hook state.
   1) Search desired item in Add to My Menu.
   2) Select **Add** .
2. To delete My Menu, press **Clear** button:
   1) Search desired item in My Menu.
   2) Select **Erase** using soft key 2.

## 4.6.2 Call

**Call Forward**

"Call Forward" lets you forward all your incoming calls to another number.

1. Press Soft key 1 **Menu** + 6 ( **Settings** ) + 2 ( **Call** ) + 1 ( **Call Forward** ) in on-hook state.
2. Select from Immediate / When Busy / No Reply / Not Reachable / Disable All.

   "Disable All" deactivates all the activated call forwarding options.
3. Select **Enable** or **Disable** and press **OK** .

**VMS Forwad**

"Call Forward" lets you forward all your incoming calls to Voice Mail connection.

1. Press Soft key 1 **Menu** + 6 ( **Settings** ) + 2 ( **Call** ) + 2 ( **VMS Forward** ) in on-hook state.
2. Select from Immediate / When Busy / No Reply / Not Reachable / Disable All.

   **Disable All** deactivates all the activated call forwarding options.
3. Select **Enable** or **Disable** and press **OK** .

# 4. Menu Tree

* Contact your service provider for more information on Call Forward and VMS Forward.

### Voice Mail Access Number

When you want to access your Voice mail, you are required dialing Voice Mail Access Number.

1. Press Soft key 1 **Menu** + 6 ( **Settings** ) + 2 ( **Call** ) + 3 ( **Voice Mail Access Number** ) in on-hook state.

### Call Timer

While a call is in progress, you can see the elapsed time of the active call if you set Call Timer to be Enable.

1. Press Soft key 1 **Menu** + 6 ( **Settings** ) + 2 ( **Call** ) + 4 ( **Call Timer** ) in on-hook state.
2. Select **Enable** or **Disable** and press **OK** .

### Call Connect Alert

This function will alert you when the call connection has been established.

1. Press Soft key 1 **Menu** + 6 ( **Settings** ) + 2 ( **Call** ) + 5 ( **Call Connect Alert** ) in on-hook state.
2. Select **On** or **Off** and press **OK** .

### Silent Scratch Pad

Silent Scratch Pad (if set on) may stop a receiver from hearing DTMF key sound of taking notes while talking over the phone.

1. Press Soft key 1 **Menu** + 6 ( **Settings** ) + 2 ( **Call** ) + 6 ( **Silent Scratch Pad** ) in on-hook state.
2. Select **On** or **Off** and press **OK** .

## 4.6.3 Phone

### Auto Dial Time Out

Allows you to place a call automatically after the last digit of the phone number is dialled.

1. Press Soft key 1 **Menu** + 6 ( **Settings** ) + 3 ( **Phone** ) + 1 ( **Auto Dial Time Out** ) in on-hook state.
2. Select desired time and press **OK** .

You may select one of the seven options (Off / 2 Secs / 3 Secs / 4 Secs / 5 Secs / 7 Secs / 10 Secs )

### Phone Info

*Memory Usage*

Displays the Phone's Memory Usage (Names, Messages, Scheduler, Memo)

1. Press Soft key 1 **Menu** + 6 ( **Settings** ) +3 ( **Phone** )+2 ( **Phone Info** ) + 1 ( **Memory Usage** ) in on-hook state.

*Version*

Displays the Phone Software version, PRL version, Hardware version.

1. Press Soft key 1 **Menu** + 6 ( **Settings** ) + 3 ( **Phone** ) + 2 ( **Phone Info** ) + 2 ( **Version** ) in on-hook state.

## 4.6.4 Security

1. Press Soft key 1 **Menu** + 6 ( **Settings** ) + 4 ( **Security** ) in on-hook state.
2. Enter Lock Code. (Default "0000")

### Lock Mode

1. Press Soft key 1 **Menu** + 6 ( **Settings** ) + 4 ( **Security** ) + 1 ( **Lock Mode** ) in on-hook state.
2. Select desired options and press **OK** .

You may select one of lock mode options.( Off / Power On / Lock Now )

**Off :** means that the phone is never locked (Lock mode can be used).
When locked, you can receive incoming calls or make only emergency calls.

# 4. Menu Tree

**Power On :** means that the phone is always locked whenever it is turned on although you have unlocked before.

**Lock Now :** means that the phone is locked immediately.
(In idle state press “Key 0” for a long time, The phone is locked immediatly.)

**Note:** To unlock the phone, press Unlock button (soft key2)
Enter 4-digit lock code (Default “0000”)

### Emergency Numbers

Emergency Number can store upto three Numbers.

1. Press Soft key 1 **Menu** + **6** ( **Settings** ) + **4** ( **Security** ) + **2** ( **Emergency Numbers** ) in on-hook state.
2. To edit a number, press **Edit** .

### Change Lock Code

Change Lock Code allows you to enter a new four-digit lock code.

1. Press Soft key 1 **Menu** + **6** ( **Settings** ) + **4** ( **Security** ) + **3** ( **Change Lock Code** ) in on-hook state.
2. Enter current lock code.
3. Enter new four-digit lock code.
4. For confirmation, it will ask you to enter the new lock code again.

### Restrict Call

You can restrict your outgoing calls including numbers / numbers beginning with specified digit in the Restrict list.

For example: If ‘9’ is stored in the Restrict list, all number beginning with ‘9’ cannot be called. However if ‘92’ is stored in Permit List, you can call numbers beginning with ‘92’ successfully.

1. Press Soft key 1 **Menu** + **6** ( **Settings** ) + **4** ( **Security** ) + **4** ( **Restrict Call** ) in on-hook state.

2. Select **On** or **Off** and press **OK**.

3. If **On** is selected,

- Enter the numbers / starting digit of specific numbers to be restricted in the Restrict list.
- Enter the number / starting digits of the numbers to be allowed in the Permit list.

4. To add new list, press **Add**.

5. To erase (or edit) the existing list, press **View** + **Options**

### HotLine

HotLine automatically calls to registered number by passing setup time in off-hook state.

1. Press Soft key 1 **Menu** + 6( **Settings** ) + 4( **Security** ) + 5( **HotLine** ) in on-hook state.

2. Select **Enable** or **Disable** and press **OK**.

3. Enable is selected, enter Number and Time.

If you have selected 'Enable' and enter the HotLine Number and Time, HotLine functions as follows:

When you pick up the handset or press 🔊 button , the phone automatically dials the HotLine Number that you have already saved if any number is not dialed for duration specified in HotLine Time.

### Set NAM

This option is presently not available. Please contact your service provider for further information. Use NAM 1 only.

1. Press Soft key 1 **Menu** + 6( **Settings** ) + 4( **Security** ) + 6( **Set NAM** ) in on-hook state.

2. Select **NAM 1** or **NAM 2** and press **OK**.

### Clear Memory & Reset

Erase all data and return to factory setting. Be cautious since any erased information is not recoverable.

1. Press Soft key 1 **Menu** + 6( **Settings** ) + 4( **Security** ) + 7( **Clear Memory & Reset** )

# 4. Menu Tree

in on-hook state.

2. Enter lock code.
3. To Clear Memory and Erase all data, select **Yes** .

**Reset Phone**

Return to factory setting. But User data is not erased.

1. Press Soft key 1 **Menu** + 6( **Settings** ) + 4( **Security** ) + 8( **Reset Phone** ) in on-hook state.
2. Enter lock code.
3. To Reset Phone, select **Yes** .

## 4.7 Organiser

If you press Soft Key1, Menu is activated.

| | | | |
|---|---|---|---|
| •••••• | Dial/Flash | | •••••• |

Soft Key 1 Soft Key 2

To scroll in Menu, press ▲, ▼ , ◀ or ▶ button.

To return to the initial screen, press **END** button.

And to return to the previous screen, press **Clear** button.

### 4.7.1 Scheduler

Scheduler keep your agenda convenient and easy to access. Simply store your appointment and your phone would alert you with a reminder of your appointment.

1. Press Soft key 1 **Menu** +7 ( **Organiser** ) +1 ( **Scheduler** ) in on-hook state.
2. Move cursor to desired day
3. Select **Add** .
4. If **Add** is selected, you can store new schedules.
5. If **OK** is selected,

1) In case of already stored schedule, you may see stored schedules and select from Options. (Add / Edit / Erase / Ring / Erase Today / Erase Past Day)

2) In the absence of schedule, “There is no data” message is displayed.

Select from Options: Ring / Erase Past Day

## 4.7.2 Alarm

Allows user to set alarm time.

You can save 3 Alarms and set the alarm for a period and specified time.

1. Press Soft key 1 **Menu** + **7** ( **Organiser** ) + **2** ( **Alarm** ) in on-hook state.

   In case of already stored alarm, you may see stored alarm and select from Options. (Add / Edit / Erase) In the absence of alarm, “There is no data” message is displayed.

2. To enter new alarm,

   1) Press **Add** .

   2) Enter time and date.

   3) You can select option from Off / Daily / Once / Mon ~ Fri / Mon ~ Sat / Sat ~ Sun / Select days

   4) Select ring tone and press **OK** .

## 4.7.3 Memo

Memo function allows user to store upto 10 memos.

1. Press Soft key 1 **Menu** + **7** ( **Organiser** ) + **3** ( **Memo** ) in on-hook state to add, view or edit memos.

## 4.7.4 Calculator

Calculates simple mathematical computations.

1. Press Soft key 1 **Menu** + **7** ( **Organiser** ) + **4** ( **Calculator** ) in on-hook state.

2. Use Navigation Key for the four arithmetical operations.

   **left:** + **right:** - **upper:** X

   **lower:** ÷ *** :** . **#:** Clear

3. Press **OK** for computing result of the calculation.

# 4. Menu Tree

## 4.7.5 World Clock

It is useful when you need to make a call to another country, and you are not sure about the time difference.

1. Press Soft key 1 **Menu** + 7 ( **Organiser** ) + 5 ( **World Clock** ) in on-hook state.
2. Select the city by pressing navigation button.

## 4.7.6 Stopwatch

1. Press Soft key 1 **Menu** + 7 ( **Organiser** ) + 6 ( **Stopwatch** ) in on-hook state.
2. Select **Start** .

*Lap*: Saves the lap time.

*Stop*: Stops the Lap.

*View*: Shows saved time (also stop time).

*Reset*: Deletes Lap time and returns to initial screen.

# 5. Speaker Phone

This function is a convenient feature, which enables you to make a call using the Speaker Phone ( 🔊 ) button in on-hook state.

# 6. Troubleshooting

Please check the following items before contacting service center.

| Item | Remedy |
|---|---|
| Phone doesn't operate at all. | • Check that the phone is installed correctly.<br>• Check that the battery is fully charged.<br>• Check that the power is on. |
| Because of noise and cross talking, call status is bad. | Keep away from electrical application such as TV, computer, radio and so on. |
| When I press button to call, can't hear the dial tone. | Check that phone cord or power is connected correctly. |
| Call cannot be received. | Check the current status of Rx call mode settings in data settings menu. Voice option should be selected. |
| Battery fails to charge. | Check that the authorized adaptor (5V/1A) for LSP-430G is correctly connected to the DC power connector of the phone and Battery ON/OFF switchis ON. |
| Bell sound isn't heard | If bell sound is low, please adjust the volume level and make sure that Light Mode is not selected. |
| • The LCD repeats on and off when you plug-in the adapter while battery switch is off.<br>• Phone repeats abnormally power-on and power-off after a few second when you plug-in the adapter while battery switch is on and phone is power-off.<br>• There is no charging display when you plug-in the adapter while the phone is power on. | Check that the adapter is the approved from LG-Nortel.<br>Adapter should be 5V(DC), 1A |

# 7. General Information

## 7.1 Main Unit

| **Item** | **LSP-430G** |
|---|---|
| Tx Frequency | Digital: 824 ~ 849 MHz |
| Rx Frequency | Digital: 869 ~ 894 MHz |
| Channel Bandwidth | 1.25 MHz |
| Tx Power | Digital: LOWER: 200mW ~ UPPER:1.0W |
| Rx Sensitivity | -104dBm below (at FER=0.5%) |
| Size (mm) | 205X 161X 76 (L X W X H) |
| Weight (gms) | 554gram |
| Operating Temperature | -10 ~ 50° C |

## 7.2 AC/DC Adapter

| **Item** | **SMPS Type Description** |
|---|---|
| Rated Input Voltage | AC 100 ~ 240V |
| Operating Input voltage | AC 80 ~ 300V |
| Rated Input Frequency | 50 / 60Hz |
| Operating Input Frequency | 47 ~ 63Hz |
| Rated Output Voltage, Current | 5V(DC), 700mA |

# 7. General Information

## 7.3 Battery

| Item | Description |
|---|---|
| Capacity | 3.7V Li-ion (Nominal) |
| Talk time / Standby time | 4 Hours / 120 Hours |
| Charging time duration | 5 Hours (Standby condition) |

Licensed by QUALCOMM Incorporated under one or more of the following Patents:

U.S, Patent No. 4,901,307 U.S, Patent No. 5,056,109 U.S, Patent No. 5,099,204

U.S, Patent No. 5,101,501 U.S, Patent No. 5,103,459 U.S, Patent No. 5,107,225

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