LG

CDMA Fixed Wireless Phone
User Guide

Model: LSP-350

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

REVISED HISTORY

DATE	ISSUE	CONTENTS OF CHANGES	REMARK
2004/09/17	ISSUE1.0	Initial Release	

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Highlights

Congratulations on your purchase of the LSP-350 Fixed Wireless Phone. This phone has been designed to operate on the latest digital mobile communications technology. It has greatly enhanced voice clarity and provides various advanced features.

This phone provides:

- ✍✍ CMX 16 Poly Ringer Type, Power on / off, SMS, Alarm, Midi Sound, Wide view graphic LCD Display, A choice of 15 Melody or 5 Bell Ring sounds
- ✍✍ A MENU driven interface with prompts for easy operation
- ✍✍ 3 Way calling
- ✍✍ Call history management
- ✍ Last call Number Redial
- ✍✍ Speed Dialing with a 99-number memory
- ✍✍ Powerful Phonebook
- ✍✍ Enhanced SMS feature
- ✍ Dial tone
- ✍ ROH (Receiver Off-Hook) tone
- ✍ Adjustable Ringer Volume, Key button volume, Speaker & Handset volume
- ✍ Internal Back-up Battery Pack
- ✍ AC Power Supply
- ✍ Dipole Antenna
- ✍ RS-232C/USB Port for service or repair
- ✍✍ Hands free speaker phone
- ✍✍ Organizer
- ✍✍ My MENU
- ✍✍ Game

1.   Important Information

1.1 Safety Information

Warning

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

IMPORTANT

Before installing or operating the unit, please read this information.

1.2 Optimal Phone Performance

- ?Do not hold the antenna when operating the unit, or operate the unit when someone is within four inches (ten centimeters) of the antenna. Both cases affect the call quality and may cause the telephone 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 unit 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 unit.
- ?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 unit 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 unit 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 unit.

    ?? Connect the equipment to an outlet on a circuit different from that to which the unit is presently connected.

    ?   Consult the Authorized LGE Dealer for assistance of an experienced radio/TV technician.

?? Use only battery, antenna and AC power supply provided by LGE. Using any other maker may invalidate the warranty.

?? Only authorized personnel should service the unit and its accessories. Faulty installation or service can be dangerous and may invalidate the warranty.

?? Do not use the unit in any designated "no cellular phone use" area.

?? Avoid using the unit in high temperature or humidity.

?? Avoid spilling any liquid on the unit. If the unit gets wet, turn the power off immediately and remove the backup battery and AC power supply. If the unit doesn't work, please return it to the service agent.

?? 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 unit 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 unit doesn't work, do not attempt to disassemble it; contact the telephone service agent for assistance.

If any of the following conditions exist, unplug the unit from the wall plug, remove the battery and call the service agent.

?? The power supply cord is damaged or frayed.

?? Liquid has spilled into the unit.

?? The unit has been exposed to rain or water.

?? The unit has been dropped or damaged.

?? The unit does not function normally even after following the operating instructions.

1.4 Safety Information
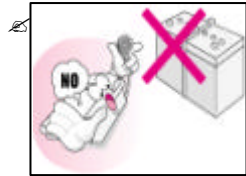
Do not use the unit with a car battery. It may cause electric shock, fire, breakdown or transformation.

For safety, use only an adapter approved by LG.

LG does not bear responsibility for any faults that may arise due to non-conformation to this guide.

⚠ WARNING

Example: LSP-350
(LG Power Adapter Source: DC 5V / 1A)

Avoid using the unit in high temperature or humidity. Avoid spilling any liquid on this unit. If the unit gets wet, turn the power off immediately and remove the backup battery and AC power supply.

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

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

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

Do not store the unit in cold areas. When the unit warms up to its normal operating temperature, moisture can form inside the unit, 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 dealer for assistance.
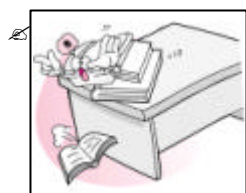
Do not drop, knock or shake the unit. Rough handling may break the internal circuit boards.

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

✍ Do not paint the unit. Paint can clog the device's moving parts and prevent proper functioning.
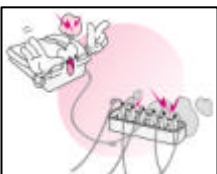
✍ During lightning, do not touch the power plug or the phone line. It may result in an electric shock or death.

Do _____ under direct sunlight or on an uneven surface.
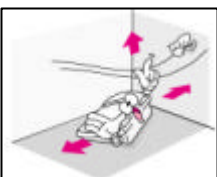
✍ Before using the plug, check the available power voltage. Inaccurate power voltage may cause fire and damage.
     Example: LSP-350 Input Voltage: 100-250V.

✍ 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 unit 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.

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

⚠ WARNING

✍ 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.

⚠ WARNING

✍ Use only an LG-approved battery or adapter. If not, it may cause an explosion or result in a short-circuit. LG 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.

1.5 FCC RF Exposure Information

WARNING! Read this information before operating the phone.
In August 1996, the Federal Communications (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to radio frequency(RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies.
The design of this phone complies with the FCC guidelines and these international standards.
To comply with FCC RF exposure requirements, a minimum separation distance of 2.5cm (0.98 inch) must be maintained between the user/bystander and the back of the unit, including the antenna.

CAUTION
Use only the supplied and approved antenna. Use of unauthorized antennas or modifications could impair call quality, damage the phone, void your warranty and/or result in violation of FCC regulations.
Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with skin, a minor burn may result. Contact your local dealer for a replacement of antenna.

FCC Part 15 Class B Compliance
This device and its accessories comply with part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device and its accessories may not cause harmful interference, and (2) this device and its accessories must accept any interference received, including interference that may cause undesired operation.

2. Introduction

2.1 Front View of the Telephone

Soft key 1 : Activates MENU state

Dial/Flash : Activates Dial or Flash state

End/PWR : Deactivates a state – End or Power ON/OFF

Soft key 2 : Searches phone number list

(J) : Moves to Profile MENU(Volume/Condition), Moves right in the MENU

(✉) : Moves to SMS MENU, Moves up in the MENU

(P) : Moves to Joy Box MENU, Moves down in the MENU

(⌴) : Selects Melody/Bell setting MENU, Moves down in the MENU

Clear : Deletes the last digit/Move previous MENU

Activates hands free speaker phone function

Attached Antenna

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	Description
	RSSI indicator: Indicates the signal strength in the service area.
	No service: The phone is not receiving any system signal.
	Roaming Service
	Bell (Others : **)**
	In use : Displayed when a call is in progress or the phone is in off-hook **and dial tone is heard**
	Alarm : Displayed when wake up alarm time is set
	Text message : Displayed when a text message is received
	Voice message : Displayed when a voice message is received
	Text and Voice message : Displayed when a text and voice message is received
	Lock mode
	Battery charge level : Indicates charged battery level
	Charge complete (Others : **, Only outlet (No battery))**

	battery))

2.3 Installation

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

STEP I. Check Components

✍The following components are supplied for Fixed Wireless Phone.

1. LSP-350 Main Unit with Handset(Including inner backup battery)   -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 unit. If any of the components are missed or damaged, contact the store where you purchased the phone immediately.

STEP II. Place the Terminal

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

STEP III. Connect Components (See the figures in "Installation Steps".)

✍Connect the antenna to the TNC antenna connector located at the top of the unit. If you have placed the unit on a flat surface, position the antenna upright.

✍Connect the curl cord of the handset to the RJ-11 port located on the left side of the unit.

✎ Connect the AC/DC Adapter cable to the DC input port located at the top of the unit.

   ✎   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 or backup battery.

✎ Please observe the following to get better voice quality

   1. Keep away from electrical appliances such as TV, computer, radio etc.

   2. Keep the unit in a high and central location without any obstructions.

   3. Raise the integral antenna of the unit to get maximum strength as shown in the

      figure.
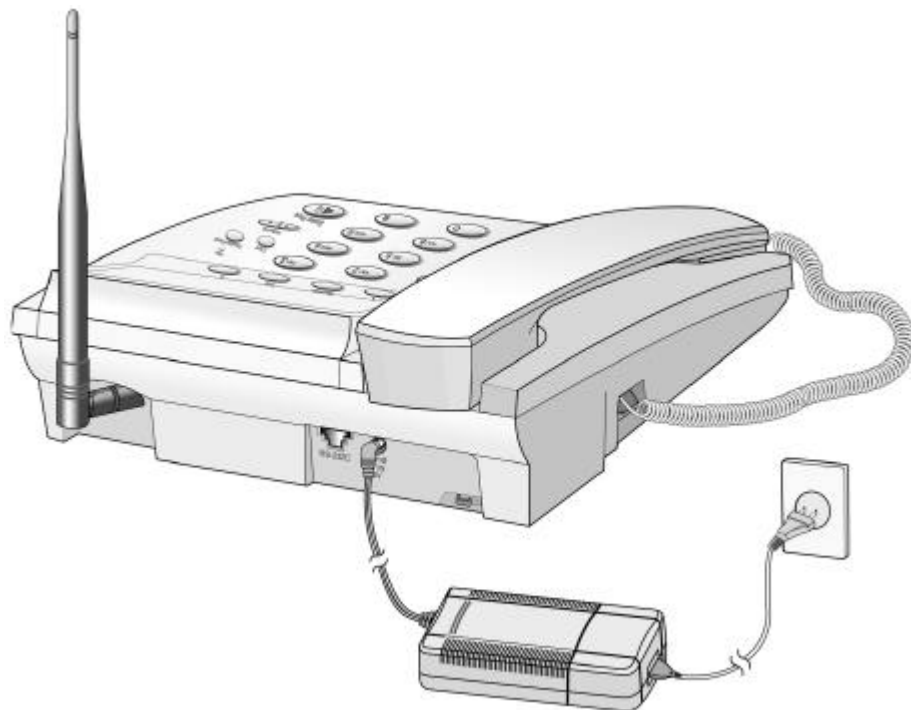
STEP IV.   Check the LCD Display

✎ 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 5th instruction of step III.

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

operator system.

The adapter type(with power cord) may differ from each country.

2.4 Installation Steps

Please follow the procedure below to install the unit properly.
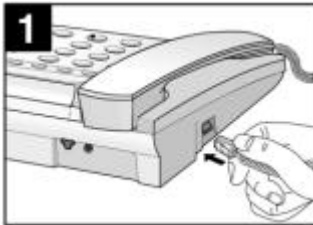
Connect base handset to the handset connector.
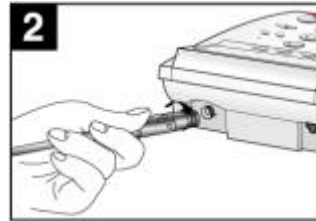
Connect the antenna to the TNC connector (Turn right).
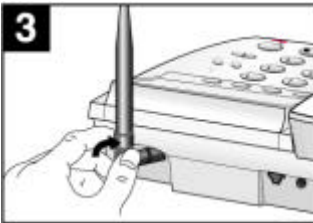
Turn the antenna upright.
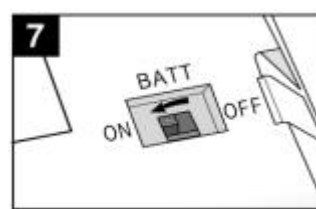
When you first use the unit, please Turn "on" the battery switch.

Connect the AC power supply.

Notice

Before using the unit, please check that the battery switch is "on".
After switching it on, use the phone.
When charging the battery, check that the battery switch is "on".
The battery will be charged only when the battery switch is "on".

3.   Basic Operation

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 Time-out.

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, if the user pick up the handset or press the speaker phone button, the phone makes a call immediately.

3.2 3 way call

You can start tripartite conversation.

1.   Enter the phone number while talking over the phone.

2.   Press **Dial/Flash** button.

* This service should be registerd by Telecom Service Company.

3.3 Call waiting

While a call is in progress, you may hear two beeps indicating another incoming call. When call waiting is enabled, you may put the active call on hold while you answer the other incoming call.

1.   Press **Clear** or **End** button, Call Waiting window is gone. Or

2.   Press **Dial/Flash** button, you may start conversation with called number.

3.   Re-press Dial/Flash button, you may start conversation with previous number.

3.4 Volume Control

1.   Press **left/right** button of navigation while in a call, adjust receiver volume.

2.   Press **up/down** button of navigation while in a call, adjust MIC volume.

3.5 Receiving a Call

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

1. Pick up the handset or press the speaker phone button.

2. Start a conversation.

3. To disconnect the call, replace the handset or press the speaker phone button.

3.6 Lock Mode

Keeps 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 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.

 Lock Mode

1. Press '**0**' button for a long time.

    Unlock Mode

2. Press **Unlock** button.

3. Input Lock Number.

4.   List of Menu State

Main MENU	Sub-MENU	Setting Value	Default
1. Names	1. Find	Name / Number / Group	
	2. Add	Name / Mobile / Home / Office Etc / E-mail / Group / Memo / Ring	
	3. Group	Family / Friends / Business / School	
	4. Speed Dial	Immediate / Find	
	5. Help	*Help message*	
2. Message	1.Write	T9En / T9EN / T9en / Abc 123 / Symbol / Smileys T9Hin / Hindi Template / Form	
	2. Inbox	View / Clear	
	3. Outbox	View / Clear	
	4. Voice Mail	-	
	5. Broadcast Box	View / Clear	
	6. Archive	View / Clear	
	7. Drafts	View / Clear	
	8. Templates	View / Add	
	9.Foms	View / Add	
	0. Setting	Priority / Delivery Ack / Deferred Delivery / Validity Period Save Sent Message / Auto Delete Inbox	
	*. Help	Help message	
3. Call History	1. Missed Call	View / Clear	
	2. Received Call	View / Clear	
	3. Dialed Call	View / Clear	

Main MENU	Sub-MENU	Setting Value	Default
	4. In Call Memo	View / Clear	Number
	5.Call Time	Dialed Calls / Received Calls / Total Calls	
	6. Help	*Help message*	
4. Profiles	1. Silent Only	*Option setting*	
	2. General	*Option setting*	
	3. Outdoor	*Option setting*	
	4. Drive	*Option setting*	
	5.Conference	*Option setting*	
	6. User	*Option setting*	
	7. Help	*Help message*	
5. Display	1. Languages	English / Hindi	
	2. Service Area	*Service Area Indication*	
	3. Wallpaper	Idle Screen / Banner	
	4. MENU style	List / Picture	
	5. Backlight	Off / 10Sec / 30Sec / Night / Always	
	6. Contrast	*Bar 0 ~ Bar 8*	
	7. Help	Help message	
6. Settings	1. My MENU Edit	Names / Message / Call History / Profiles / Display / Settings / Organiser / Joy Box / Help	
	2. Call	Call Forwarding / Call Waiting / Call Timer / Call Connect Alert / Silent Scratch Pad / Help	
	3. Phone	Key Guard / Auto Dial Time / Data Settings / DTMF Tone Length / Phone Info / Help	

Main MENU	Sub-MENU	Setting Value	Default
	4. Security	Lock Mode / Change Lock Code / Restrict Call / Hot Line / Clear All Names / Metering Info / Restore Factory Setting / Phone Init / Help	
7. Organiser	1. Calendar	OK / Add	
	2. To Do	Option / View	
	3. Memo	View / Add	
	4. Alarm	Option / View	
	5. Stopwatch	-	
	6. Calculator	-	
	7. World Clock	-	
	8. Help	Help message	
8. Joy Box	1. JumpJump	-	
	2. StoneAxe	-	

4.1 Names

You may select five sub-MENU(Find, Add, Group, Speed Dial, Help) for this item.

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

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

4.1.1 Find

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

　　1. Press `MENU` + **1**(`Names`) + **1**(`Find`) in on-hook state.

　　2. Select a desired search MENU.

　　　　`Name`, `Number` : enter full or part of name (Number), select `OK`.

　　　　`Group` : select group name.(1 of the family & friends & business & school)

　　3. Select desired item.

　　　　`Option` : can edit or erase.

4.1.2 Add

You can save name, mobile numbers and so on, up to 500 entries.

　　1. Press `MENU` + **1**(`Names`) + **2**(`ADD`) in on-hook state.

　　2. Enter the information or select a desired item.

4.1.3 Group

This is function for adding, editing, erase Group.

　　1. Press `MENU` + **1**(`Names`) + **3**(`Group`) in on-hook state.

　　2. To add a new group (Limit 10 groups), select `Add`

　　3. To edit or erase for selected group, select `OK.`

4.1.4 Speed Dial

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

You can save up to 99 entries.

　　1. Press `MENU` + **1**(`Names`) + **4**(`Speed Dial`) in on-hook state

　　2. You may view a registered item.

　　3. You may add new Speed Dial with two ways.

　　Immediate

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) Press MENU + **1**(Names) + **4**(Speed Dial) + Add + **1**(Immediate)

in on-hook state

) Enter the phone number and speed dial number.

) Select Save

Find

) Press MENU + **1**(Names) + **4**(Speed Dial) + Add + **2**(Find)

in on-hook state

) Find your desired phone number.

) Select OK

) Enter speed dial number.

) Select Save

4. You may edit or erase a registered item.

4.1.5 Help

1. Press MENU + **1**(Names) + **5**(Help) in on-hook state.

4.2 Message

Text message, page and voice mailbox become available as soon as the power is on. You

may access the above type of messages using the message key.   ✉

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

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

Confirms received Message

1. Press MENU + **2**(Message) in on-hook state.

2. To return previous screen after confirmed message when you have receive message

while operating something. Select Back.

4.2.1 Write

1. Press MENU + **2**(Message) + **1**(Write) in on-hook state.

2. Write message.

3. Select OK.

4. Enter phone number or press Find.

5. Enter received phone number (Basically user's phone number is displayed).

6. Select priority or delivery ack.

   Priority : Allows you to give the priority to message. Normal or Urgent.

   Delivery Ack : This function allows you to know whether the message is successfully

   transmitted to other party or not when the transmitted message is received in other

   party's phone. If you want to activate this function, set to ON

7. Select Send.

4.2.2 Inbox

Received messages is saved at this

1. Press MENU + **2**(Message) + **2**(Inbox) in on-hook state.

2. To delete all messages, Select Clear.

3. To view desired message, Select View

4. You may select four options (1. Delete 2. Reply 3. Forward 4. Move to Archive).

4.2.3 Outbox

Sent and failed messages are saved at this.

1.Press MENU **+ 2**(Message) **+ 3**(Outbox) in on-hook state.

2. To delete all messages, Select Clear.

3. To view desired message, Select View.

4. You may select four options (1. Delete 2. Resend 3. Forward 4. Move to Archive).

4.2.4 Voice Mail

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

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

messages will be overwritten.

1. Press MENU **+ 2**(Message) **+ 4**(Voice Mail) in on-hook state.

2. Pick up the phone 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 MENU **+ 2**(Message) **+ 5**(Broadcast Box) in on-hook state.

2. To delete all messages, Select Clear.

3. To view desired message, Select View.

4. You may select option.

4.2.6 Archive

Archive stores what is preferred to save among messages received.

1. Press MENU **+ 2**(Message) **+ 6**(Archive) in on-hook state.

2. To delete all messages, Select Clear.

3. To view desired message, Select View.

4. You may select four options(1. Erase 2. Reply 3. Forward 4. Save Num)

4.2.7 Drafts

A Drafts is a function enabling sending messages saved here. A total of up to 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.

Recently data is saved at the top of list.

1. Press MENU + **2**(Message) + **7**(Drafts) in on-hook state.

2. To delete all messages, Select Clear.

3. To view desired message, Select View.

4. You may select 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 MENU + **2**(Message) + **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 message to the Templates list.

4.2.9 Form

1. Press MENU + **2**(Message) + **9**(Forms) in on-hook state.

   View : to show predefined form.

   To Erase or edit, press Option.

   Add : to add new form.

4.2.10 Setting

4.2.10.1 Priority

1. Press MENU + **2**(Message) + **0**(Setting) + **1**(Priority) in on-hook state.

2. You may select two options (1. Normal 2. Urgent).

4.2.10.2 Delivery Ack

1. Press MENU + **2**(Message) + **0**(Setting) + **2**(Delivery Ack) in on-hook state.

2. Select On or Off.

4.2.10.3 Deferred Delivery

1. Press MENU + **2**(Message) + **0**(Setting) + **3**(Deferred Delivery) in on-hook state.

2. Select one of the followings.

    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`

4.2.10.4   Validity Period

1. Press `MENU` + **2**(`Message`) + **0**(`Setting`) + **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`

4.2.10.5   Save Sent Massage

1. Press `MENU` + **2**(`Message`) + **0**(`Setting`) + **5**(`Save Sent Massage`) in on-hook state.

2. Select `On` or `Off`.

4.2.10.6   Auto Delete Inbox

1. Press `MENU` + **2**(`Message`) + **0**(`Setting`) + **6**(`Auto Delete Inbox`) in on-hook state.

2. Select `On` or `Off`.

4.2.11 Help

1. Press `MENU` + **2**(`Message`) + *****(`Help`) in on-hook state.

4.3 Call History

4.3.1 Missed Call

1. Press MENU + **3**(Call History) + **1**(Missed Call) in on-hook state.

2. To delete all missed calls, Select Clear.

3. To view desired item, Select View.

4. You may select three options(1. Delete 2. Send Message 3. Save Number)

4.3.2 Received Call

1. Press MENU + **3**(Call History) + **2**(Received Call) in on-hook state.

2. To delete all received call, Select Clear.

3. To view desired item, Select View.

4. You may select three options(1. Delete 2. Send Message 3. Save Number)

4.3.3 Dialed Call

1. Press MENU + **3**(Call History) + **3**(Dialed Call) in on-hook state.

2. To delete all dialed calls, Select Clear.

3. To view desired item, Select View.

4. You may select three options(1. Delete 2. Send Message 3. Save Number)

4.3.4 In Call Memo

1. Press MENU + **3**(Call History) + **4**(In Call Memo) in on-hook state.

2. To delete all In Call Memos, Select Clear.

3. To view desired item, Select View.

4. You may select three options(1. Delete 2. Send Message 3. Save Number)

4.3.5 Call Time

Press MENU + **3**(Call History) + **5**(Call Time) in on-hook state.

You may select three options(1. Dialled Calls 2. Received Calls 3. Total Calls).

4.3.6 Help

1. Press MENU + **3**(Call History) + **6**(Help) in on-hook state.

4.4 Profiles

Profiles let you set your phone's sound to your environment.

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

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

4.4.1 Silent Only

It same operate to press "$*$" key long times.

1. Press MENU + **4**(Profiles) + **1**(Silent Only) in on-hook state.

2. To set up silent mode, Select OK.

3. To release silent mode, Reselect OK for other mode

4. To change option for silent mode, Select Option.

   Time : Uncondition / 0.5 hr/ 1 hr/ 2 hr/ 3 hr/ 4 hr/ 5 hr/ 6 hr/ 7 hr/ 8 hr/ 9 hr

   Profile : Previous/ General/ Outdoor/ Drive/ Conference/ User

5. To previously return silent only, select Previous option.

4.4.2 General

1. Press MENU + **4**(Profiles) + **2**(General) in on-hook state.

2. To set up general mode, Select OK.

3. To change option for general mode, Select Option

   1. Ring Type : 1. Ring 2. Elevating 3. Ring & Lamp 4. Ring After Lamp

   2. Ring Tone : 1. Bell 2. Melody

   3. Ringer Volume

   4. Handset Volume

   5. Key Volume

   6. Message Alert : 1. Alert Type 2. Alert Tone 3. Message Reminder

   7. Edit Name : It may change each profile's name and icon.

4.4.3 Outdoor

1. Press MENU + **4**(Profiles) + **3**(Outdoor) in on-hook state.

2. To set up outdoor mode, Select OK.

3. To change option for outdoor mode, Select Option

4.4.4 Drive

1. Press MENU + **4**(Profiles) + **4**(Drive) in on-hook state.

2. To set up drive mode, Select OK.

3. To change option for drive mode, Select Option

4.4.5 Conference

1. Press MENU + **4**(Profiles) + **5**(Conference) in on-hook state.

2. To set up conference mode, Select OK.

3. To change option for conference mode, Select Option

4.4.6 User

1. Press MENU + **4**(Profiles) + **4**(User) in on-hook state.

2. To set up user mode, Select OK.

3. To change option for user mode, Select Option

4.4.7 Help

Press MENU + **4**(Profiles) + **7**(Help)

4.5 Display

Lets you personalize your phone's display by selecting different graphic

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 MENU + **5**(Display) + **1**(Language) in on-hook state.
2. Select English or Hindi

4.5.2 Service Area

This menu displays the current calling area where the user is in.

1. Press MENU + **5**(Display) + **2**(Service Area) in hook on state.
2. Select On or Off.

4.5.3 Wallpaper

Enter the string of characters you want to be displayed. You may set up the screen displayed on the LCD screen in the standby mode.

1. Press MENU + **5**(Display) + **3**(Wallpaper) in hook on state
2. Select **1**(Idle Screen) or **2**(Banner).

4.5.3.1 Idle Screen

It set up picture that display during Idle.

Time and Date are presented as they installed in the option.

4.5.3.2 Banner

Enter the string of characters you want to be displayed.

Registered Banner is presented during idle.

If registered Banner do not exist, empty screen display during idle.

And in the clock1, clock2, The Banner does not displayed.

4.5.4 MENU Style

Allow you to select the menu style.

1. Press MENU + **5**(Display) + **4**(MENU Style) in on-hook state

2. Select **1**(List) or **2**(Picture).

4.5.5 Backlight

Choose the settings of the LCD and keypad backlight.

1. Press MENU + **5**(Display) + **5**(Backlight) in on-hook state.

2. Select desired options

If during night (pm 6:00~am6:00), Off after turn on LED only 30sec.

Otherwise: LED off during daylight.

4.5.6 Contrast

Using the Navigation Key, select the contrast setting using the scale of lightest to darkest.

1. Press MENU + **5**(Display) + **6**(Contrast) in on-hook state.

2. Control the desired contrast by using the left-right direction keys, and select OK.

4.5.7 Help

1. Press MENU + **5**(Display) + **7**(Help) in on-hook state

4.6 Settings

4.6.1 My MENU Edit

Lets you access to favorite menu quickly by customizing my MENU.

Selected My MENU may show that press **Clear** key button on idle condition.

1. Press MENU + **6**(Settings) + **1**(My MENU Edit) in on-hook state.

2. To add my MENU,

   1) Search desired item in My MENU Edit.

   2) Select ADD.

3. To delete my MENU,

   1) Search desired item in My MENU.

   2) Select Delete.

4. To see Help, press MENU + **6**(Settings) + **1**(My MENU Edit) + **9**(Help).

4.6.2 Call

4.6.2.1   Call Forward

Call forward lets you forward all your incoming calls to another number

1. Press MENU + **6**(Settings) + **2**(Call) + **1**(Call Forward) in on-hook state.

2. Select desired item.

3. Set up Enable or Disable

4.6.2.2   Call Waiting

While a call is in progress, you may hear two beeps indicating another incoming call. When call waiting is enabled, you may put the active call on hold while you answer the other incoming call.

1. Press MENU + **6**(Settings) + **2**(Call) + **2**(Call Waiting) in on-hook state.

2. Select Enable or Disable and select OK.

4.6.2.3   Auto Redial

Set the length of time the phone waits before automatically redialing a number when the attempted call fails.

1. Press MENU + **6**(Settings) + **2**(Call) + **3**(Auto Redial) in on-hook state.

2. Select desired time and select OK.

4.6.2.4   Call Timer

You may set your phone to display the running elapsed time while a call is active

1. Press MENU + **6**(Settings) + **2**(Call) + **4**(Call Timer) in on-hook state.

2. Select enable or disable and select OK.

4.6.2.5   Call Connect Alert

This is a function to alert you that the call connection has been established.

1. Press MENU + **6**(Settings) + **2**(Call) + **5**(Call Connect Alert) in on-hook state.

2. Select On or Off.

4.6.2.6   Silent Scratch Pad

Silent Scratch Pad may stop a receiver from hearing DTMF key sound by taking notes while
talking over the telephone (If set On).

1. Press MENU + **6**(Settings) + **2**(Call) + **6**(Silent Scratch Pad) in on-hook state.

2. Select On or Off.

4.6.2.7   TATA A/S Center

1. Press MENU + **6**(Settings) + **2**(Call) + **7**(TATA A/S Center) in on-hook state.

2. Select service area.

3. Press **Dial/Flash** button, then connect A/S Center.

   ? (Do not this version, use next version)

4.6.2.8   Help

1. Press MENU + **6**(Settings) + **2**(Call) + **8**(Help) in on-hook state.

4.6.3 Phone

4.6.3.1   Key Guard

Allows you to protect the keypad of your phone from accidental dialing. When this function is
enabled, no call may be made and the access to MENU is locked. When the keypad is
locked, it is possible to answer a call normally.

1. Press MENU + **6**(Settings) + **3**(Phone) + **1**(Key Guard) in on-hook state.

2. Select Enable or Disable.

3. If you select enable, enter operating time (1~30 min).

4.6.3.2 Auto Dial Time

1. Press MENU + **6**(Settings) + **3**(Phone) + **2**(Auto Dial Time) in on-hook state.

2. Select desired time and select OK.

4.6.3.3 Data Setting

4.6.3.3.1 Data/Fax

In Data/Fax setting, you may use your phone as a wireless modem to avail high speed data services such as browsing Internet and other dial-up networking functions. The wireless phone supports a maximum data rate of 153.6kbps on the network side. The speed of your connection depends upon network congestion, signal strength, and other variables.

1. Press MENU + **6**(Settings) + **3**(Phone) + **3**(Data Setting) + **1**(Data/Fax) in on-hook state.

2. Select desired options and select OK.

4.6.3.3.2 Data Baud

1. Press MENU + **6**(Settings) + **3**(Phone) + **3**(Data Setting) + **2**(Data Baud) in on-hook state.

2. Select desired options and select OK.

4.6.3.4 DTMF Tone Length

1. Press MENU + **6**(Settings) + **3**(Phone) + **4**(DTMF Tone Length) in on-hook state.

2. Select Short or Long.

4.6.3.5 Phone Info

4.6.3.5.1 My Phone Number

Display the user's Phone Number

1.Press MENU + **6**(Settings) + **3**(Phone) + **5**(Phone Info) + **1**(My Phone Number) in on-hook state.

4.6.3.5.2 Data Storage

Display the Phone's data storage (Names / Message / To Do / Memo)

1.Press MENU + **6**(Settings) + **3**(Phone) + **5**(Phone Info) + **2**(Data Storage) in on-hook state.

4.6.3.5.3 Version

Display the Phone S/W Version

Press `MENU` + **6**(`Settings`) + **3**(`Phone`) + **5**(`Phone Info`) + **3**(`Version`)

in on-hook state.

4.6.3.6 Help

Press `MENU` + **6**(`Settings`) + **3**(`Phone`) + **5**(`Phone Info`) + **6**(`Help`)

in on-hook state.

4.6.4 Security

1. Press `MENU` + **6**(`Settings`) + **4**(`Security`) in on-hook state.

2. Enter password.

4.6.4.1 Lock Mode

1. Press `MENU` + **6**(`Settings`) + **4**(`Security`) + **1**(`Lock Mode`) in on-hook state.

2. Select desired options.

4.6.4.2 Change Lock Code

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

1. Press `MENU` + **6**(`Settings`) + **4**(`Security`) + **2**(`Change Lock Mode`) in on-hook state.

2. Enter current password and select `OK`.

3. Enter new password and select `OK`.

4. Verify new password and select `OK`.

4.6.4.3 Restrict Call

You can restricts you are called up by Black List & White List.

If Black List are recorded "12", front numbers is 12 cannot receive.

But, if White List are recorded "123", front numbers is 123 can receive.

1. Press `MENU` + **6**(`Settings`) + **4**(`Security`) + **3**(`Restrict`) in on-hook state.

2. Select `On` or `Off` and select `OK`.

3. If select on, select Black List, White List or Help.

4. Except Help option, you can add new list or erase (or edit) the existing list.

4.6.4.4 Hot Line

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

1. Press MENU + **6**(Settings) + **4**(Security) + **4**(Hot Line) in on-hook state.

2. Select enable or disable and select OK.

3. If select enable, enter Number and Time.

4.6.4.5 Clear All Names

Deletes all information saved in phone book. Be careful since any deleted information is not recoverable.

1. Press MENU + **6**(Settings) + **4**(Security) + **5**(Clear All Names) in on-hook state.

2. Enter password.

3. To delete all name, select Yes.

4.6.4.6 Metering Info

This only appears when 0.Service>>7.The Others>>5.PCO set up Enable.

1. Press MENU + **6**(Settings) + **4**(Security) + **6**(Metering Info) in on-hook state.

2. Select Unit Info or Unit Price, and select OK.

3. Unit Price may enter a monetary unit (only number).

4.6.4.7 Restore Factory Setting

Return to factory setting. But not delete all DB data.

1. Press MENU + **6**(Settings) + **4**(Security) + **7**(Restore Factory Setting) in on-hook state.

2. Enter password.

3. To Restore factory Setting, select OK.

4.6.4.8 Phone Init

Delete all data and return to factory setting.

1. Press MENU + **6**(Settings) + **4**(Security) + **8**(Phone Init) in on-hook state.

2. Enter password.

3. To initial, select Yes

4.6.4.9 Help

Press MENU + **6**(Settings) + **4**(Phone) + **9**(Help) in on-hook state.

4.7 Organiser

4.7.1 Calendar

Calendar and To Do keeps your agenda convenient and easy to access. Simply store your appointment and your phone alerts you with a reminder of your appointment.

1. Press MENU + **7**(Organiser) + **1**(Calendar) in on-hook state.

2. Cursor moves to desired day.

3. Select OK or Add.

4. If select Add, you can register new schedules.

5. If select OK,

   1) exist schedules : you may see registered schedules and select options.

      Option : 1.Add, 2.Edit, 3.Erase, 4.Bell, 5.Erase Today, 6. Erase Past Day

      View   : show schedule.

   2) not exist schedules. : display "There is no data" message.

      Option : 1. Bell, 2. Erase Past Day

      Add : new schedule can add.

4.7.2 To Do

To Do same function Calendar.   To Do will registers a hundred.

1. Press MENU + **7**(Organiser) + **2**(To Do) in on-hook state.

4.7.3 Memo

Memo will registers a ten.

1. Press MENU + **7**(Organiser) + **3**(Memo) in on-hook state.

1) exist memo : show registered memo or add new memo.

   View : erase or edit memo.

2) not exist schedules. : display "There is no data" message.

   Add : add new memo.

4.7.4 Alarm

To change an event alarm time.

1. Press MENU + **7**(Organiser) + **4**(Alarm) in on-hook state.

2. Select View or Add .

   View ; show registered data.

     It can select Edit or Erase .

   ADD : If the number of registered data is 3, Softkey Add is gone.

   Enter time and date and press OK .

   Select ring tone and press OK .

4.7.5 Stopwatch

1. Press MENU + **7**(Organiser) + **5**(Stopwatch) in on-hook state.

2. select Start .

   Check : save the pressed time.

   Stop   : Stop the time.

   Clear : delete Check time and return initial screen.

   View : Show saved time(also stop time)

4.7.6 Calculator

Calculate simple mathematical computations.

1. Press MENU + **7**(Organiser) + **6**(Calculator) in on-hook state.

2. Using Navigation Key for the four arithmetical operations.

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

   lower : /   * : .   **#** : Reset

4.7.7 World Clock

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

1.Press MENU + **7**(Organiser) + **7**(World Clock) in on-hook state.

2.Select the city by navigation button

4.7.8 Help

1.Press MENU + **7**(Organiser) + **8**(Help) in on-hook state.

4.8 Joy Box

1. Press MENU + **8**(Joy Box) in on-hook state.

2. Select JumpJump or StoneAxe.

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

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

5. Speaker Phone

This function is a convenient feature, which enables you to make a call using the speakerphone button in on-hook state.

6.   General Information

6.1 Main Unit

Item	LSP-350
Tx Frequency	Digital : 824 ~ 849 MHz
Rx Frequency	Digital : 869 ~ 894 MHz
Channel Bandwidth	1.25 MHz
Tx Power	Digital : LOWER: 0.2W ~UPPER:1W
Rx Sensitivity	-104 ~ -25dBm
Size (mm)	220 × 190 × 78 (L X W X H)
Weight (g)	Below 650(included Li-ion battery)
Operating Temperature	-10 ~ 55

6.2 AC/DC Adapter

Item	SMPS Type Description
Input Voltage	AC 100 ~ 250V
Input Frequency	50 / 60Hz
Output Voltage	5V(DC), 1A

6.3 Battery

Item	Description
Capacity	3.7V Li-ion (Nominal)
Talk duration time	4 Hours (Max)
Standby duration time	36 Hours (Max)
Charging duration time	3.5 Hours (Max)