

REVISED HISTORY

DATE	ISSUE	CONTENTS OF CHANGES	REMARK
2005/06	ISSUE 1.0	Initial Release	

Congratulations on your subscription to the LSP-3500 Fixed Wireless phone. This phone has been designed to operate on the IS-2000 Air Protocol over the 1.9GHz 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, T9 Dictionary
- 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
- USB and Serial Connectivity for internet access.
- Organiser: Scheduler, Alarm, Calculator, World Clock with DST
- Games: Fortress and Mole
- Fast charging battery

1	Important Information	9
	1.1 Safety Instruction	9
	1.2 Optimal Phone Performance	9
	1.3 Care and Service	10
	1.4 Safety Information	11
2	Introduction	14
	2.1 Front View of the Phone	14
	2.2 LCD Display	15
	2.3 Installation	16
	2.4 Installation Steps	19
3	Basic Operations	20
	3.1 Making a Call	20
	3.2 Redialing Last Number	20
	3.3 3 way call conferencing	20
	3.4 Call Waiting	21
	3.5 Volume Control	21
	3.6 Receiving a Call	21
	3.7 Lock Mode	22
	3.8 Entering and Editing Information	22
4	Menu Tree	26
	4.1 Names	29
	4.2 Messages	32
	4.3 Call History	39
	4.4 Sound	42
	4.5 Display	44
	4.6 Settings	46
	4.7 Organiser	54
	4.8 Games	56

5	Speaker Phone	59
6	Troubleshooting	60
7	General Information	61
	7.1 Main Unit	61
	7.2 AC/DC Adapter	61
	7.3 Battery	61

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.
- Consult the Authorized LGE Dealer for assistance of an experienced radio/TV technician.
- Use battery, antenna and AC/DC power adapter provided by LGE. 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.
- Do not touch the antenna while the phone is operating.

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.

1.4 Safety Information

⚠ WARNING

- ❑ For safety, use only an adapter approved by LG. LG does not bear responsibility for any faults that may arise due to non-conformance to this guide. Example: LSP-3500 (LG 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 of 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.

Important Information



- ❑ 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.

- ❑ Do not store the phone in cold areas. When the phone warms up to 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 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.

Important Information



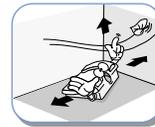
- ❑ Before using the plug, check the available power voltage. Inaccurate power voltage may cause fire and damage. Example: LSP-3500 Input Voltage: 100 ~ 240V.



- ❑ 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 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-approved battery and 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.

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 END/PWR : Deactivates a state - End or Power ON/OFF
- ④ Soft key 2 : Searches phone number list
- ⑤ ◀ (J) : Moves to Games Menu, Moves left in the Menu
- ⑥ ▲ (✉) : Moves to SMS Menu, Moves up in the Menu
- ⑦ ▶ (P) : Moves to Sound profile, Moves right in the Menu
- ⑧ ▼ (🎵) : Selects Melody/Bell setting Menu, Moves down in the Menu
- ⑨ Clear : Deletes the last digit, Moves previous Menu
- ⑩ (📞) : Activates hands free speaker phone function
- ⑪ * : Input dial * , Makes a phone switch between the Light mode & the earlier set mode after long-press
- ⑫ 0 : Input dial 0 , Makes a phone lock after long-press
- ⑬ # : Input dial # , Makes a phone input space during text entry operation
- ⑭ MIC
- ⑮ 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	Operating Condition
	RSSI indicator: Indicates the signal strength in the service area.
	No service: The phone is not receiving any system signal.
	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
	Charge complete (Others : 📱, Only outlet (No battery))
	No AC power & Battery ON. But in low battery state

2.3 Installation

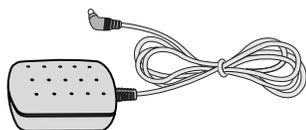
You should follow each step carefully as shown below in order to guarantee the proper operation of CDMA Fixed Wireless Phone.



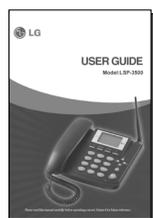
Main Phone



Dipole Antenna



AC/DC Power Adapter



User Guide

STEP I. Check Components

- The following components are supplied for Fixed Wireless Phone.
 1. LSP-3500 Main Phone 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 phone. If any of the components are missing or damaged, contact your service provider immediately.

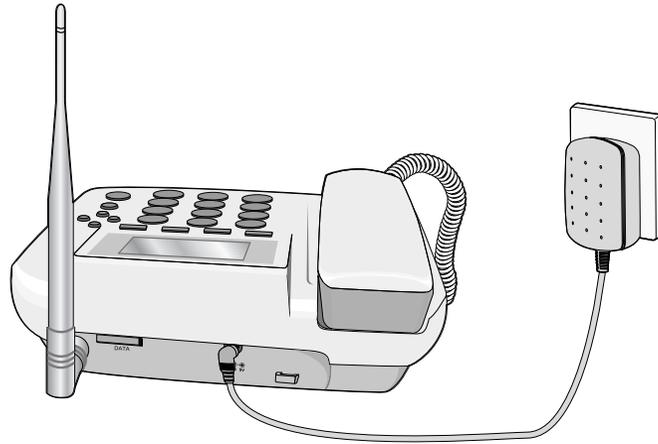
STEP II. Place the Terminal

- 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 left 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 or reset the battery switch to on .

- 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.

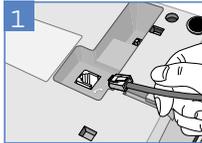
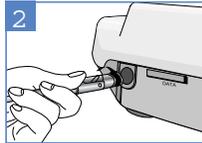
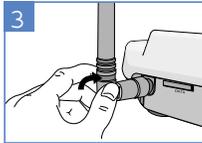
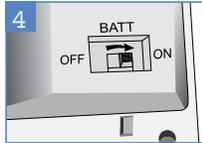
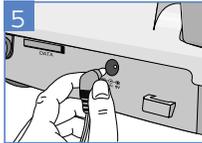


STEP IV. Check the LCD Display

- 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.

2.4 Installation Steps

Please follow the procedure below to install the phone properly.

- | | | | |
|--|---|--|---|
|  <p>1</p> | <p>Connect base-handset to the handset connector.</p> |  <p>2</p> | <p>Connect the antenna to the TNC connector (Turn right).</p> |
|  <p>3</p> | <p>Turn the antenna upright.</p> |  <p>4</p> | <p>When you first use the Phone, please Turn on the battery switch.</p> |
|  <p>5</p> | <p>Connect the AC power supply.</p> |  <p>6</p> | <p>Press END/PWR button to operate initially.</p> |

Notice:

- Before using the phone, 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 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 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, if the user picks up the handset or presses the Speaker Phone button, 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) 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 **3 + Dial/Flash** button.

This service should be provided by your service provider.

3.4 Call Waiting

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

1. Press **Clear** or **END/PWR** button, Call Waiting window then disappears.
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.

3.5 Volume Control

1. Press **Left/Right** button of navigation while in a call, to adjust Speaker volume.
2. Press **Up/Down** button of navigation while in a call, to adjust MIC volume.

3.6 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 **Speaker Phone** button.
2. Start a conversation.
3. To disconnect the call, replace the handset or press the **Speaker Phone** button.

3.7 Lock Mode

Protects your phone from unauthorized use. Once the phone is locked, it is in restricted mode, until the in 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.

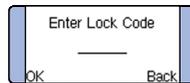
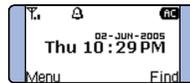
- * You can also lock your phone using the key guard [Option 4.6.4 page no.50]
- * Also, you can lock your phone manually and change your default password as explained [4.6.4 page no.50]

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
END/PWR
.....

Soft Key 1
Soft Key 2
3. Enter unlock code. (Default 0000)



3.8 Entering and Editing Information

You can edit the phonebook, Short Messges, Scheduler and Banner using various text input mode. Your phone supports T9 Text Input in English Language. T9 Text Input is an easy way to write. In this input method, you only need to press a key once for each letter.

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 key : Used to change the letter case. In T9 Mode, it switches 3-types of letter case such as T9En, T9EN, T9en and in Abc Mode, it switches 3-types of letter case such as Abc, ABC, abc.
- Next key : In T9 mode, press to display other matching words.
- . key : In T9 mode, press to insert sentence mark (. , - ? ! @ :)
- 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 seven modes for entering text, numbers, special characters, and punctuation

- **T9En Mode** : Type text using keystroke per letter in English with the help of T9 English dictionary function. This is default mode.
- **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. Use Abc mode to add words to the T9 database too.
- **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.

Initial Cap(T9En/Abc)

Only the first letter is capitalized.

Caps Lock(T9EN/ABC)

All subsequent letters are capitalized.

Lowercase(T9en/abc)

All subsequent letters are lowercase.

Examples Using T9 Text Input for English

Typing In T9 Mode

When you want to use T9 Mode, check that T9En is shown at the right bottom of the display. To write the word, press each key once for one letter.

For example, to write Call the office, follow these steps:

1. Press: Soft key 2 to change letter case to T9En mode.
2. Press:
3. Press: # to complete the word and add a space.
4. Press:
5. Display: Call the office

As you can see, the word changes after each key press. Therefore, you don't need to pay much attention to what happens on the display before you have keyed in the whole word.

Using the NEXT key

After you have finished typing a word, if the word displayed is not the word you want, press 0 to display additional choices. For example, follow these steps:

1. Press:
2. Display: Good
3. Press:
4. Display: Home, Gone, Hood

Adding Words to the T9 Database

If a word is not in the T9 database, add it by using Abc mode text entry. The word is automatically added to the T9 database when you complete a word.

For example, follow these steps:

1. Press: Soft Key 2 to change letter case to Abc mode.
2. Press:
3. Display: Imt
4. Press: Soft Key 2 to change letter case to T9En mode and then the word Imt will be automatically added to the T9 database.
5. Press: to erase the existing word.
6. Press:
7. Display: Got
8. Press:
9. Display: Imt

Examples Using ABC Text input

Typing In ABC(Multi-tap) Mode

For example, to type RELIANCE, 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:
4. Display: RELIANCE

4. Menu Tree

Main Menu	Sub-Menu	Setting Value
1. Names	1. Find	Name Search / Number Search / Group Search
	2. Add	Name / Mobile / Home / Office / General / E-mail / Memo / Personal bell
	3. Group	Group Name / Group Bell
	4. Speed Dial	
	5. Erase All Names	
2. Messages	1. Write	T9En / Abc / 123 / Symbol / Smileys / Templates / Forms
	2. Inbox	View / Erase
	3. Outbox	View / Erase
	4. Voice Mail	Erase
	5. Broadcast Box	
	6. Archive	View / Erase
	7. Drafts	View / Erase
	8. Templates	View / Add
	9. SMS Groups	View / Options
	0. Erase Message	Inbox / Outbox / Broadcast Box Archive / Drafts / All Message
*. 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. Dialed	View / Erase
	4. In Call Memo	View / Erase
	5. Call Duration	Last Dialed Calls / All Dialed Calls All Calls / Reset Call Duration

Main Menu	Sub-Menu	Setting Value
	6. Erase History	Erase Missed / Erase Received Erase Dialed
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)
	7. Message Alert	Alert Type / Alert Tone / Message Reminder
5. Display	1. Language	English
	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. My Menu	Names / Messages / Call History / Sound / Display / Settings / Organiser / Games
	2. Call	Call Forward / Call Waiting / Call Timer Call Connect Alert / Silent Scratch Pad
	3. Phone	Auto Dial Time Out / Data Settings Phone Info
	4. Security	Lock Mode / Emergency Numbers Change Lock Code / Restrict Call / Hot Line Set NAM / PCO(8.Metering Info) Clear Memory & Reset / Reset Phone

Main Menu	Sub-Menu	Setting Value
7. Organiser	1. Scheduler	OK / Add
	2. Alarm	Options / View
	3. Memo	View/ Add
	4. Calculator	-
	5. World Clock	DST
	6. StopWatch	Start
8. Games	1. Fortress	New Game / High Score / Key Info.
	2. Mole	New Game / High Score / Key Info.

4.1 Names

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

..... **Dial/Flash** **END/PWR**

Soft Key 1 Soft Key 2

To scroll in Menu, press **Left**, **Right**, or **Up** button.

To return to the initial screen, press END/PWR 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 Search , **Number Search** , **Group 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 speaker phone button.
5. To view, press Soft Key 1.

Options: You can Edit or Erase.

You can send a message also while number is highlighted.

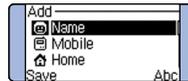
4.1.2 Add

You can save up to 500 entries in your LSP-3500 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 **Menu** + 1(**Names**) + 2(**ADD**) in on-hook state.

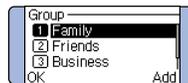


2. Enter the information to select a desired item.

4.1.3 Group

This is function that allows you to add a contact to a group. Group has four options: Family, Friends, Business, School: You can also edit and delete the name of a group.

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



2. To add a new group (Maximum upto 10 groups), select **Add**.

3. To edit or delete for selected group, select **OK**.

4.1.4 Speed Dial

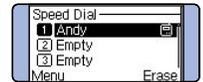
Speed Dial allows you to make a call faster by just pressing a corresponding number.

You can save up to 99 entries.

1. Press **Menu** + 1(**Names**) + 4(**Speed Dial**) in on-hook state
2. You can view a stored item.
3. You can add a new Speed Dial number in two ways.

Find

- 1) Press **Menu** + 1(**Names**) + 4(**Speed Dial**) + **Menu** + **Add** in on-hook state.
- 2) Find your desired phone number.
- 3) Select **OK**.
- 4) Enter speed dial number.
- 5) Select **Save**.



4. You can Edit or Erase a stored item.

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

- Mobile phone number :
- Home phone number:
- Office phone number:
- General phone number:
- E-mail address:
- Name of person:

4.1.5 Erase All Names

You can delete all Entries in your LSP-3500 phone book.

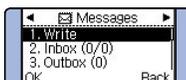
1. Press Menu + 1(**Names**) + 5(**Erase All Names**) in on-hook state.
2. Enter lock code. (Default 0000)
3. Press "Yes"

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** **END/PWR**

Soft Key 1 Soft Key 2

To scroll in MENU, press **Left**, **Right**, or **Down** button.

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

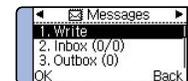
To access messages, Press **Menu** + 2(**Messages**) in on-hook state.

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 :

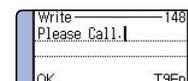
4.2.1 Write

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



2. Write message.

Refer to the 3.8 (page 22) Entering and Editing Information about text input.



3. Select **OK**.

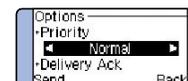
4. Enter phone number or press **Options**.

Options : can select **Find** or **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 activate this function, set to **On**.

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**

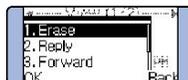
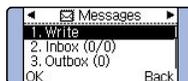
6. Select **Send**.



4.2.2 Inbox

Received messages are stored here.

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

2. Pick up the handset or press speaker phone 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 **Menu** + 2(**Messages**) + 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 allows you to store your messages in a different folder.

1. Press **Menu** + 2(**Messages**) + 6(**Archive**) in on-hook state.
2. To erase message, select **Erase**.
3. To view desired message, select **View**.
4. ¥In case of Inbox message, you may select from four options (1. Erase 2. Reply 3. Forward 4. Save Number).
¥In case of Outbox message, you may select from three options (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 **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 **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 **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. Clear Group) or add new member

Options: There are four options (1. Send 2. Rename 3. Clear Group

4. Clear all)

4.2.10 Erase Message

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

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

Delivery Ack

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

Deferred Delivery

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

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 **Menu** + 2(**Messages**) + *(**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

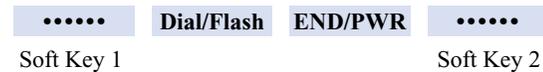
1. Press **Menu** + 2(**Messages**) + *(**Settings**) + 5(**Save Sent Message**) in on-hook state.
2. Select **On** or **off** .

Auto Delete Inbox

1. Press **Menu** + 2(**Messages**) + *(**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.



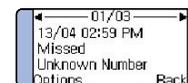
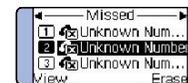
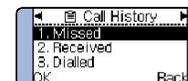
To scroll in Menu, press **Left**, **Right**, or **Up** button.

To return to the initial screen, press END/PWR button.

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

4.3.1 Missed

1. Press **Menu** + 3(**Call History**) + 1(**Missed**) in on-hook state.
2. To erase, 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 **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 Dialed

1. Press **Menu** + 3(**Call History**) + 3(**Dialed**) in on-hook state.
2. To erase dialed 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).

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

4.3.6 Erase History

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

1. Press **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.

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

- Received : 
- Dialed : 
- Missed : 
- In Call Memo: 
- Call Waiting : 
- Call Waiting(Missed): 
- 3 Way Call : 

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.

If you press Soft Key1, Menu is activated.



To scroll in Menu, press **Left**, **Right**, or **Down** button.

To return to the initial screen, press **END/PWR** 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 **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 **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 **Menu** + 4(**Sound**) + 3(**Ringer Volume**) in on-hook state.
2. Select the desired volume level by using the horizontal scroll keys 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 **Menu** + 4(**Sound**) + 4(**Earpiece Volume**) in on-hook state.
2. Select the desired volume level by using the horizontal scroll keys 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 **Menu** + 4(**Sound**) + 5(**Key Volume**) in on-hook state.
2. Select the desired volume level by using the horizontal scroll keys and press **OK**.

4.4.6 Speaker Volume

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

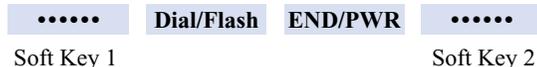
1. Press **Menu** + 4(**Sound**) + 6(**Speaker Volume**) in on-hook state.
2. Select the desired volume level by using the horizontal scroll keys and press **OK**.

4.4.7 Message Alert

1. Press **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.



To scroll in Menu, press **Left**, **Right**, or **Down** button.

To return to the initial screen, press **END/PWR** 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 and press **OK**



4.5.2 Wallpaper

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

1. Press **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.

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 **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 **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 **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** **END/PWR**

Soft Key 1

Soft Key 2

To scroll in Menu, press **Left**, **Right**, or **Up** button.

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

4.6.1 My Menu

Allows you to: 1) Make your 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 delete his choice.

To add to My Menu

1. Press **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 **Delete** using soft key 2.
3. To use Help, press **Menu** + 6(**Settings**) + 1(**Add to My Menu**) + 9(**Help**).

4.6.2 Call

Call Forward

Call Forward lets you forward all your incoming calls to another number or Voice Mail connection.

1. Press **Menu** + 6(**Settings**) + 1(**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**.

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**) + 1(**Call**) + 2(**Call Waiting**) in on-hook state.
 2. Select **Enable** or **Disable** and press **OK**.
- * Contact your service provider for more information on Call Forward and Call Waiting.

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 **Menu** + 6(**Settings**) + 1(**Call**) + 3(**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 **Menu** + 6(**Settings**) + 2(**Call**) + 4(**Call Connect Alert**) in on-hook state.
2. Select **On** or **Off**.

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 **Menu** + 6(**Settings**) + 2(**Call**) + 5(**Silent Scratch Pad**) in on-hook state.
2. Select **On** or **Off**.

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.

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

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

Data Settings**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 data rate of upto 153.6 kbps for USB cable and 115 kbps for Serial cable. The speed of your connection depends upon network congestion, signal strength, and other variables.

1. Press **Menu** + 6(**Settings**) + 2(**Phone**) + 2(**Data Settings**) + 1(**Data /Fax**) in on-hook state.
2. Select desired options and press **OK**.

You may select one of Rx call mode options such as Voice, Fax for next, Always Fax, Modem for next and Always Modem.

Voice

Always you can receive only Voice call and SMS.

Fax for next

You can receive the PC Fax for next call. After you receive the Fax once, you can receive only Voice call and SMS.

Always Fax

Always you can only receive only PC Fax.

Modem for next

You can receive the Modem asynchronous data for next call. After you receive the Modem data once, you can receive only Voice call and SMS.

Always Modem

Always you can only receive the Modem asynchronous data.

Note

- Fax services are currently not supported. Please contact your service provider for further information.
- You need to purchase the Data Kit in order to be able to use the phone as modem. Please contact your service provider for further information.

Data Baud

You may select one of speed options such as USB, 9600, 19200, 115200 and 230400 in bps. This options mean the data communication speed in bps(bit per second) between the phone and PC. If you select USB, you can communicate with PC through USB port. And if you select other option, you can communicate with PC through RS-232C port in selected speed.

The phone will work with PC/PDA properly only when the port settings on both the PC match with the baud rates set on the phone.

1. Press **Menu** + **6(Settings)** + **2(Phone)** + **2(Data Settings)** + **2(Data Baud)** in on-hook state.
2. Select desired options and press **OK**.

Phone Info

My Phone Number

Displays your Phone Number along with STD code.

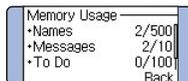
1. Press **Menu** + **6(Settings)** + **3(Phone)** + **3(Phone Info)** + **1(My Phone Number)** in on-hook state.



Memory Usage

Displays the Phone s Memory Usage (Names, Messages, To Do, Memo)

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



Version

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

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

4.6.4 Security

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

Lock Mode

1. Press **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.

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 (default100, 101, 102).

1. Press **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 **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 **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 **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 **Menu** + **6(Settings)** + **4(Security)** + **6(Set NAM)** in on-hook state.
2. Select NAM 1 or NAM 2 and press **OK**.

PCO

You can simply calculate the call charge.

If you select **Enable**, 6.Settings>>4.Security>>8.Metering Info list appears.

1. Press **MENU** + **6(Settings)** + **4(Security)** + **7(PCO)** in on-hook state.
2. Select **Enable** or **Disable**, and Press **OK**.

Metering Info

This Item only appears when 6.Settings>>3.Security>>7.PCO set to **Enable**.

When you end the call, the total units and call charge are turned out.

1. Press **MENU** + **6(Settings)** + **4(Security)** + **8(Metering Info)** in on-hook state.
2. Select **Unit Info** or **Unit Price**, and Press **OK**.
3. **Unit Price** may enter a monetary unit(Only number).

Clear Memory & Reset

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

1. Press **Menu** + **6(Settings)** + **4(Security)** + **8(Clear Memory & Reset)** in on-hook state.
2. Enter lock code.
3. To **Clear Memory** and Erase all data, select **Yes**.

*. if pco function is enabled, this menu number will be changed 9 (Clear Memory & Reset).

Reset Phone

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

1. Press **Menu** + **6(Settings)** + **4(Security)** + **9(Reset Phone)** in on-hook state.
2. Enter lock code.
3. To **Reset Phone**, select **Yes**.

*. if pco function is enabled, this menu number will be changed 0 (Reset Phone).

4.7 Organiser

If you press Soft Key1, Menu is activated.



Soft Key 1

Soft Key 2

To scroll in Menu, press **Left**, **Right**, or **Up** button.

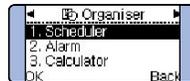
To return to the initial screen, press **END** button.

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

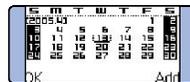
4.7.1 Scheduler

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.

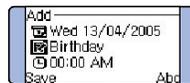
1. Press **Menu** + 7(**Organiser**) + 1(**Scheduler**) in on-hook state.



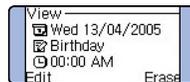
2. Move cursor to desired day



3. Select **Add**.

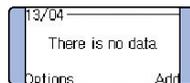


4. If **Add** is selected, you can store new schedules.



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.



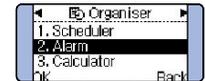
Select from Options: Ring / Erase Past Day

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.

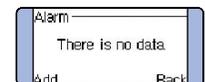
1. Press **Menu** + 7(**Organiser**) + 2(**Alarm**) in on-hook state.



In case of already stored alarm, you may see stored alarm and select from Options. (Add / Edit / Erase)

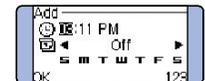


In the absence of alarm, There is no data message is displayed.



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 **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 **Menu** + 7(**Organiser**) + 4(**Calculator**) in on-hook state.
2. Use Navigation Key for the four arithmetical operations.

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

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

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

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

4.7.5 Stopwatch

1. Press **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)

Delete: Deletes Lap time and returns to initial screen.

4.8 Games

1. Press **Menu** + 8(**Joy Box**) in on-hook state.
2. Select **Fortress** or **Mole** .

You can get key information about playing a game if you select Key Info after selecting game in menu.

Fortress

Fortress is a shooting game which saves The Earth from UFO who wants to conquer the Earth. Defense areas are displayed on the world map that shows the city of each country. If you defense successfully, it will be displayed V . The radar at the bottom of the center will display UFO if it appears. The left side of radar displays defense energy of cannon. The other side, it shows time out. The defense succeed that it time is decrease to zero.

1. Press **Menu** + 8(**Games**) + 1(**Fortress**) + 1(**New Game**) in on-hook state.

2. To start game, press any key button.

Keypad configuration *Menu screen.*

- 1(**New Game**) Starts new game.
- 2(**High Score**) Displays the two high scores with Date, Score and Name.

- 3(**Key Info.**) Displays controlling keys for playing game.

Keypad configuration *Game screen.*

- Keypad button 4 or - Moves left
- Keypad button 6 or - Moves right.
- Keypad button 2 or - Moves the barrel of a gun up.
- Keypad button 6 or - Moves the barrel of a gun down.
- Keypad button 5 Shots the gun.
- Clear pause the game.

Mole

Mole is a game which is originated from a mole game which was popular in 80's(/ old days).

It is simply controlled. If the hidden mole appears, press number button. Life gauge is reduced if the mole is missed, and the game is over if out of life,

1. Press **Menu** + 8(**Games**) + 2(**Mole**) + 1(**New Game**) in on-hook state.

2. To start game, press keypad button 5.

Keypad configuration Menu screen.

1(**New Game**) Starts new game.

2(**High Score**) Display the latest two high score.

3(**Key Info.**) Display keypad configuration (Game screen).

Keypad configuration Game screen.

- Keypad button 1 ~ 9 Game Keys

- Keypad button 5 State Key.

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.	<ul style="list-style-type: none"> ☞ Check that the phone is installed correctly. ☞ Check that the battery is fully charged. ☞ 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-3500 is correctly connected to the DC power connector of the phone and Battery ON/OFF switch is 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.
<ul style="list-style-type: none"> ☞ The LCD repeats on and off when you plug-in the adapter while battery switch is off. ☞ 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. ☞ There is no charging display when you plug-in the adapter while the phone is power on. 	<p>Check that the adapter is the approved from LG.</p> <p>Adapter should be 5V(DC), 1A</p>

7. General Information

7.1 Main unit

Item	LSP-3500
Tx Frequency	Digital: 1850 ~ 1910 MHz
Rx Frequency	Digital: 1930 ~ 1990 MHz
Channel Bandwidth	1.25 MHz
Tx Power	Digital: LOWER: 62.5mW ~UPPER:0.5W
Rx Sensitivity	-104 ~ -25dBm
Size (mm)	205 × 161 × 76 (L x W x H)
Weight (gms)	554(included Li-ion battery)
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 ~ 420V
Rated Input Frequency	50 / 60Hz
Operating Input Frequency	47 ~ 63Hz
Rated Output Voltage, Current	5V(DC), 1A

7.3 Battery

Item	Description
Capacity	3.7V Li-ion (Nominal)
Talk time / Standby time	4 Hours / 120Hours
Charging time duration	3 Hours (Standby condition)

Note : Talk time condition: sector power -80dBm ~ -85dBm full data rate
 Standby time condition: sector power -80 dBm ~ -85dBm slot cycle index 2

General Information

Appendix FCC RF Exposure Information

WARNING!

The antenna used for this transmitter must not exceed 2.5dBi and must be installed to provide a minimum separation distance of 20 cm from all persons.

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.

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

