

# **CDMA Fixed Wireless Telephone User Guide**

**Model: LSP-340**

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## REVISED HISTORY

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DATE	ISSUE	CONTENTS OF CHANGES	REMARK
2001/10/25	ISSUE1	Initial Release	

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## **Highlights**

Congratulations on your purchase of the LSP-340 Fixed Wireless Telephone. This telephone has been designed to operate on the latest digital mobile communications technology. This technology has greatly enhanced voice clarity and can provide various advanced features.

The telephone provides:

- 3-line LCD Display with status indicator
- A choice of 10 ring sounds
- A menu driven interface with prompts for easy operation
- Last Number Redial
- Speed Dialing with a 99-number memory
- Dial tone
- ROH (Receiver Off-Hook) tone
- Adjustable Ring Volume
- Internal Back-up Battery Pack
- AC Power Supply

**LGE CDMA Fixed Wireless Telephone**  
**LSP-340**

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- Dipole Antenna
- DB9 Data Port for service and repair
- Backlight
- Speaker phone

## **FCC RF EXPOSURE INFORMATION**

***WARNING! Read this information before using your phone***



In August 1996 the Federal Communications Commission (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 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.



Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

### **Body-worn Operation**

This device was tested for typical body-worn operations with the back of the phone kept 2.1 cm. from the body. To maintain compliance with FCC RF exposure requirements, maintain a 2.1 cm. separation distance between the user's body and the phone, including the antenna.

## 1. Important Information

### 1.1 Safety Information

#### **Warning**

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

#### **IMPORTANT**

***Before installing or operating this product read this information.***

### 1.2 Optimal Phone Performance

- Do not operate your product when holding the antenna, or when someone is within four inches (ten centimeters) of the antenna. Holding the antenna affects call quality and may cause the telephone to operate at a higher power level than needed.
- For the best call quality, keep the antenna free from obstructions and point the antenna straight up.
- Do not use the unit with a damaged antenna. Have your antenna replaced by a qualified technician immediately. Use only a manufacturer-approved antenna. Non-approved antennas, modifications, or attachments could impair call quality, damage the phone.
- RF energy may affect improperly installed or inadequately shielded personal medical devices such as pace markers, hospital monitor. Consult the manufacturer of any personal medical devices to determine if they are adequately shielded from external RF energy. Turn your terminal OFF in health care facilities when any regulations posted in the areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.
- If this equipment does cause 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
  - Increase the distance between the radio or television and the telephone.
  - Connect the equipment into an outlet on a circuit different from that to which the terminal is connected.
  - Consult you Authorized LGIC Dealer or an experienced radio/TV technician for help.
- Use only the battery, antenna and AC power supply provided by LGIC. Using any other type will invalidate the warranty.
- Only authorized personnel should service the phone and its accessories. Faulty installation or service may be dangerous and may invalidate the warranty.
- Do not use the unit in designated "no cellular phone use" area.
- Avoid exposure to high temperature or humidity.
- Avoid wetting the unit with any liquids. If the unit gets wet, turn the power off immediately and remove the backup battery and AC power supply. If the unit is inoperable, then return to the service agent for service.
- Avoid shock or impact.



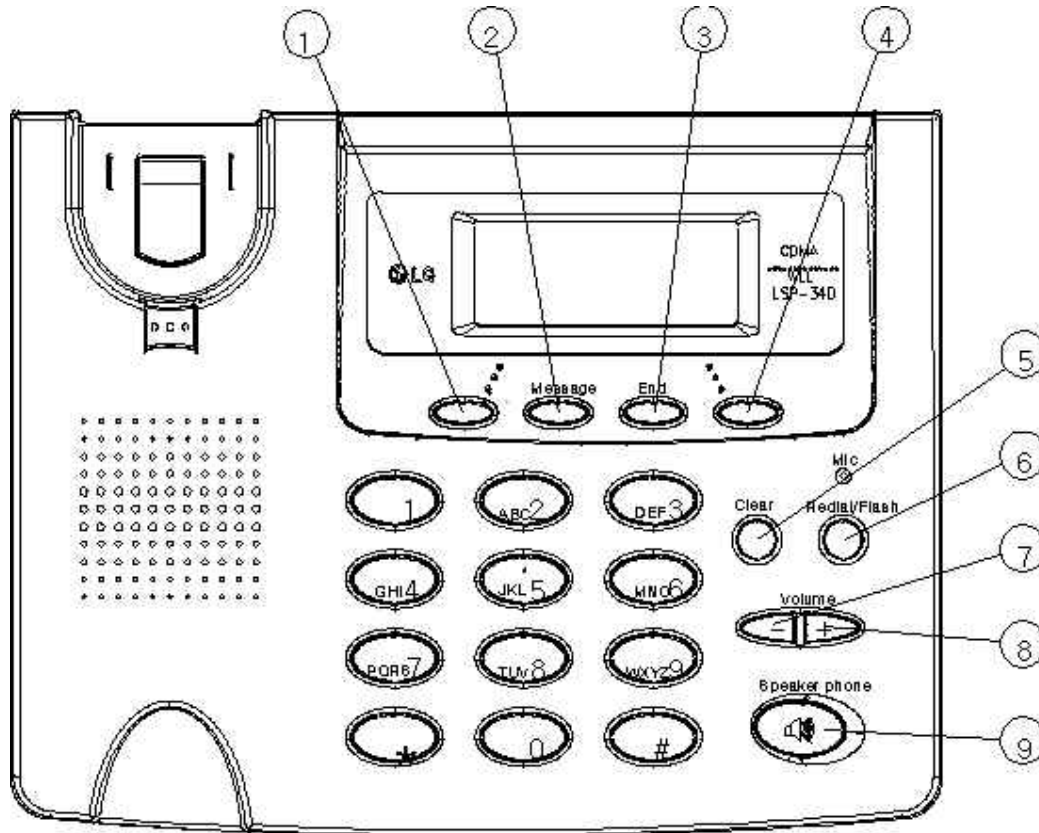
- We recommend you to charge the backup battery before initial use. Backup battery may be discharged during delivery.

### **1.3 Care and Service**

- Unplug the telephone from the wall outlet and remove antenna (or disconnect antenna cable) before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
- If the unit fails for any reason, do not attempt to disassemble; contact the telephone service provider for assistance.
- If any of the following conditions exist; unplug the unit at the wall plug, remove battery, and call the service provider.
  - The power supply cord is damaged or frayed.
  - Liquid has been spilled into the unit.
  - The unit has been exposed to rain or water.
  - The unit has been dropped or damaged.
  - The unit does not work normally by following the operating instructions.

## 2. Introduction

### 2.1 Front View of the Telephone



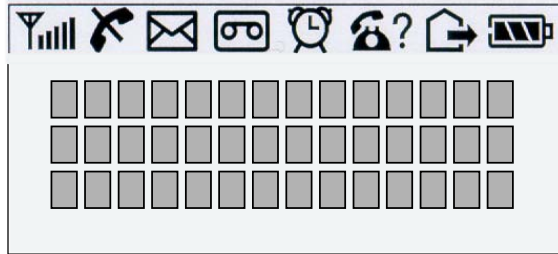
#### ※ Function Key

- ① Menu / Softkey 1 : Activate MENU state (also MENU state in the call state)
- ② Message : Activate SMS state
- ③ End : Deactivate a STATE – No store a value (also activate MUTE state )
- ④ Recall / Softkey 2 : Activate RECALL state / Choose NEXT state
- ⑤ Clear(Cancel) : Delete the last digit/dial number(also Exit without storing in the MENU state)
- ⑥ Redial /Flash : Redial function, flash function in the call state
- ⑦ Navigation Left (←): Volume – (also Function as a cursor th the EDIT state)
- ⑧ Navigation Right (→):Volume + (also Function as a cursor th the EDIT state)
- ⑦ SPKR :speaker phone

## 2.2 LCD Display

The LCD shows icons on the top of the LCD screen.

Different indicator appears based on the phone's operating mode.



- 1) RSSI indicator : Indicates the signal strength in the service area.



- 2) No service : The phone is not receiving system signal.
- 3) In use : Displayed when call is in progress or the phone is in off-hook and dial tone heard.



: No service



: In use

- 4) Text message : Displayed when a text message is received.



- 5) Voice message : Displayed when a voice message is received.



- 6) Alarm : Displayed when wake up alarm time was setting.



- 7) Caller ID : Displayed when caller ID is received.



- 8) OUT : Going out.



- 9) Battery charge level : Indicates charged battery level.





## 2.3 Installation

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

### **STEP I. Check Components**

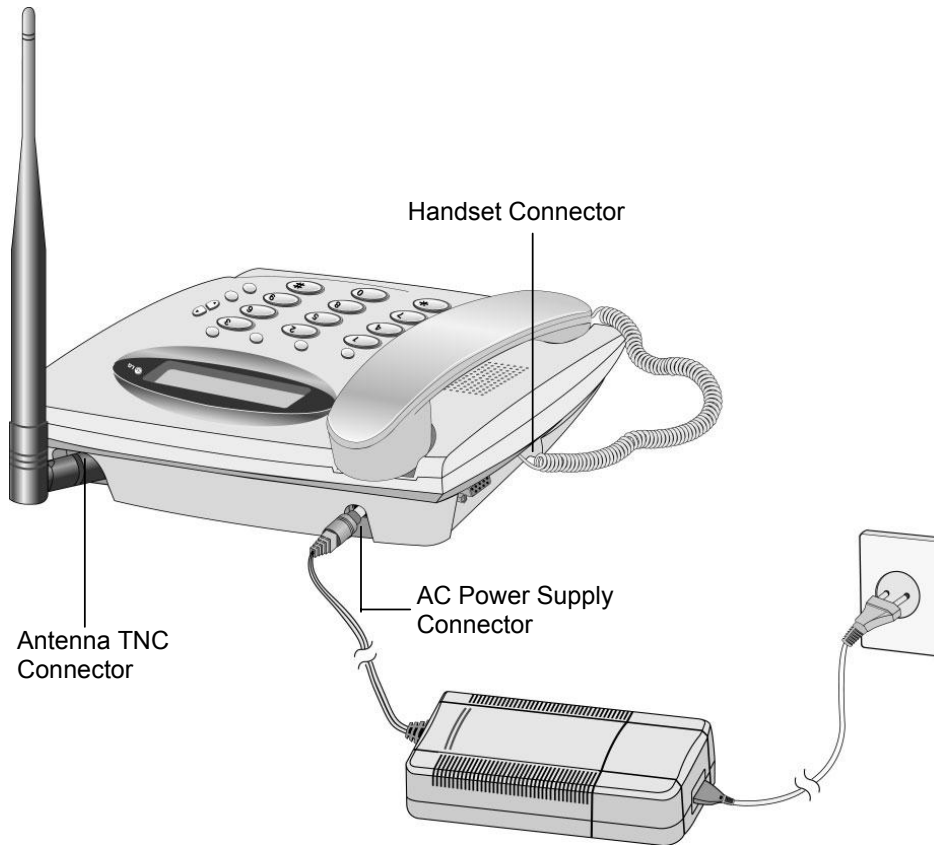
- Fixed Wireless Terminal is supplied with the following standard unit and accessories;
  1. LSP-340 Main Unit with Handset -1EA-
  2. Dipole Antenna -1EA-
  3. Backup Battery -1EA-
  4. User Guide -1EA-
  5. AC/DC Power Adapter -1EA-
  6. Power Cord(Only SMPS Adapter) -1EA-
  
- Please make sure that these components are present before you begin the unit installation. And then compare the following figures and components. If components are missing or damage is found, contact the store where you purchased the unit immediately.

### **STEP II. Place the Terminal**

- Place the terminal on the stable flat secure surface area (desk, table, etc.). Serious damage may result if the unit falls. Do not place the unit on, or within 1 meter of heaters or radiators. This unit is designed for desktop usage. Avoid direct exposure to the sun lights and damp area.
- Read the SAFETY INFORMATION located at the first part of this document before you place the terminal

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

- Connect the antenna to the TNC antenna connector located at the top side of the terminal. If you placed the terminal on the flat surface, bend the antenna up right.
- Connect curl cord of handset assembly to the RJ-11C port located at the left side of the terminal.
- Open the battery case, securely connect the battery cord, place the backup battery pack and close the case.
- Connect the AC/DC Adapter cable to the DC input port located at the topside of the terminal.
  - . If it is good, beep tone is heard.
  - . If it is not good(Booting is fail or beep tone is not heard), you have to connect the adapter or backup battery, again.
  
- Please follow the below to get better voice quality;
  1. Keep away from electrical appliances such as TV, computer, radio and so on.
  2. Keep terminal in a high and central location with no obstructions, such as metal walls.
  3. Raise the integral antenna of terminal to get maximum strength of receive signal as shown figure at the next page.



**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 may not see status of service, please repeat the 5<sup>th</sup> instruction of **step III**. And conform Fixed Wireless Telephone to get the proper signal strength from service operator system.

※ **The adapter type(with power cord) may be different by country adaptation.**

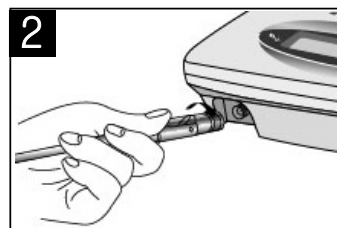
## 2.4 Installation Steps

Please follow the below procedure to install the unit properly.

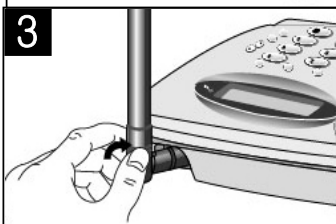
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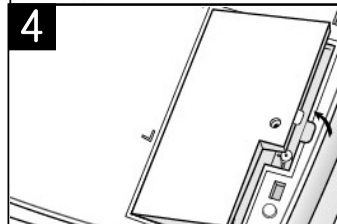
1 Connect Base-handset to the handset connector.



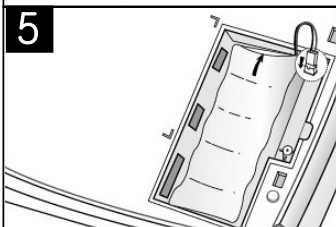
2 Connect the antenna to the TNC connector (Turn right).



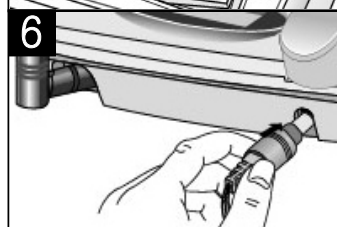
3 Bend the antenna up right.



4 Open the battery cover at the bottom of the unit.




5 Insert back-up battery in the bottom of the unit. (give care to polarity)



6 Connect the AC power supply.

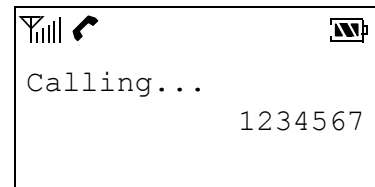
### 3. Basic Operation


#### 3.1 Making a Call

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 can start conversation.
6. To disconnect the call, replace the handset or press  button.

#### 3.2 Redialing Last Outgoing Number

1. Pick up the handset or press  button.
2. Listen for dial tone.

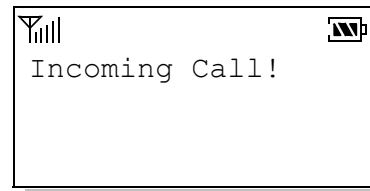
Press **Redial** button. The last number that you called will be re-dialed.

- **Correcting dialing mistakes**
  1. Press **Clear** button shortly to erase the most recent digit.
  2. Press and hold **Clear** button for at least one second.
- If the phone is locked, enter the Lock Code
- If the call did not go through, press the hook switch and dial again.
- **Flashing / Hook Switch**
  1. While in the middle of a call, pressing the hook switch for less than 1 second will be treated as a flash. After 1 second, the call will be terminated.
  2. Very briefly pressing the hook switch will be ignored.
- Battery icon is displayed only when the terminal is operating by battery without AC power.



### 3.3 Receiving a Call

1. When bell rings, pick up the handset.
2. Start conversation.

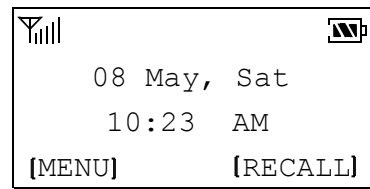


3. To disconnect the call, replace the handset.



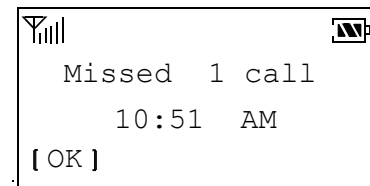
### 3.4 Signal Strength

The quality of calls depends on the signal strength in your area. The stronger the signal, the better the call quality. The signal strength icon indicates the current strength as a number of bars. You can see the antenna and bars according to the strength of received signal in the upper-left part.



### 3.5 Missed Call Message

If a call is received and not answered for user's absence, You are informed that you have missed a call. The latest missed call time and number of missed call is displayed. Press **[OK]** to erase "Missed call" message.



## 4. List of Menu State

Main Menu	Sub-Menu	Setting Value	Default
1. Select Volume	1. Ring Volume	4 steps	
	2. Key Volume	4 steps +silent	
	3. Ear Volume	4 steps	
	4. Ring Select -	10 types	
2. Additional	1. Key tone length	normal/Long	
	2. Minute alert	Enable/Disable	
	3.Rx call mode	Voice / Fax for next / Always Fax / Modem for next / Always modem	
	4.SIO baud rate	19200/38400/57600/115200 /230400	

### 4.1 Volume / Ring

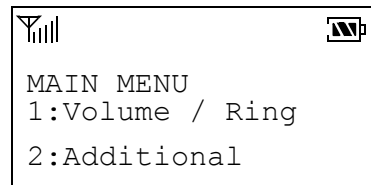
This menu allows you to adjust the various different volumes.

#### 4.1.1 Ring Volume

The received tone when you receive a call can be adjusted.

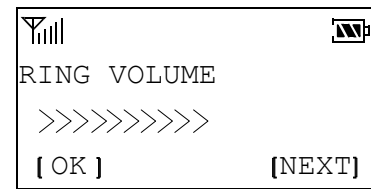
- From the MENU

- Press **[MENU]** + **1**(Volume/Ring)+ **1**(Ring Volume) in on-hook state.
- Press **Volume** button or **[NEXT]** to adjust ring volume.
- Press **[OK]**



- By the **Volume** button

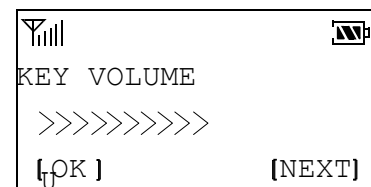
- Press **Volume** button to adjust ring volume in on-hook state



#### 4.1.2 Key Volume

The tone when you press a key can be adjusted.

- Press **[MENU]** + **1**(Volume/Ring) + **2**(Key Volume) in on-hook state.
- Press **Volume** button or **[NEXT]** to adjust key volume.

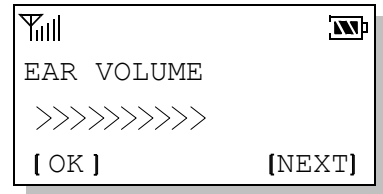


3. Press **[OK]**

#### 4.1.3 Ear Volume

The voice of the other party can be adjusted in on-hook state.

1. Press **[MENU]** + **1**(Volume/Ring) + **3**(Ear Volume) in on-hook state.
2. Press **Volume** button or **[NEXT]** to adjust ear piece volume
3. Press **[OK]**

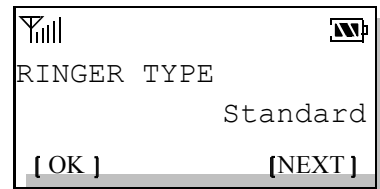


**Press Volume button to adjust volume during conversation**

#### 4.1.4 Ring Select

**You can select the various ring types**

1. Press **[MENU]** + **1**(Volume/Ring) + **4**(Ring Type) in on-hook state.
2. Select a desired ring type with **Volume** button or **[NEXT]**.
  - ✓ There are 10 different ring types.
  - ✓ Those are Standard, Option 1, Option 2, Option 3, Option 4, Habanera, Deutsch song, La Primavera, Oh! susanna, Beethoven
3. Press **[OK]** to save and exit.

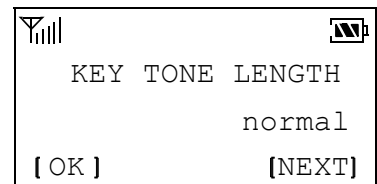
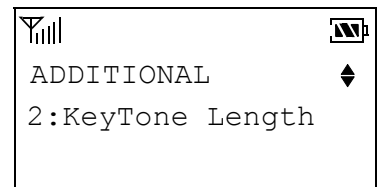


### 4.2 Additional feature

#### 4.2.1 Key-tone Length

Setting key beep playback length. Possible settings are **Normal** and **Long**.

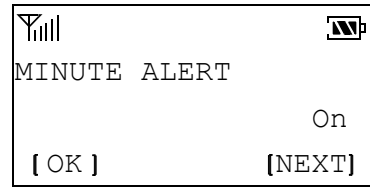
1. Press **[MENU]** + **2**(ADDITIONAL) + **2**(Keytone Length) in on – hook State.
2. Select **Normal** or **Long** by **[NEXT]** or **Volume** button and press **[OK]** to select.



#### 4.2.2 Minute Alert

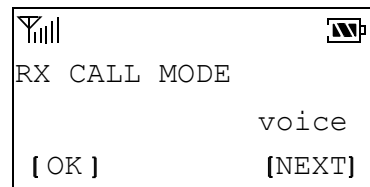
Alerts you every minute during a call.

1. Press **[MENU]** + **2**(ADDITIONAL) + **3**(Minute Alert)  
In on – hook State
2. Select **On** or **Off** by **[NEXT]** or **Volume** button.
3. Press **[OK]** to save and exit



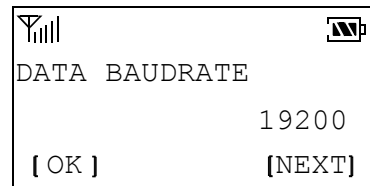
#### 4.2.3 Set Rx call mode

1. Press **[MENU]** + **2**(ADDITIONAL) + **4**(RX Call Mode)  
in on – hook State.
2. Select **Voice**, **Fax for next**, **Always Fax**, **Modem for next** by **Volume** or **[NEXT]** button.
3. Press **[OK]** to save and exit.



#### 4.2.4 SIO baud rate

1. Press **[MENU]** + **2**(ADDITIONAL) + **5**(SIO Baud Rate)  
in on – hook State.
2. Select **19200**, **38400**, **57600**, **115200**, **230400** by  
**Volume** or **[NEXT]** button
3. Press **[OK]** to save and exit

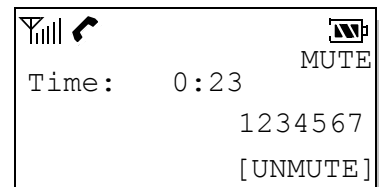
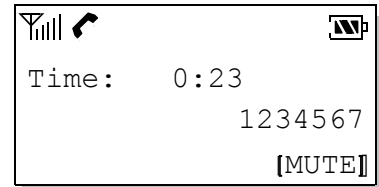


## 5. Functions while in a call

### 5.1 Mute

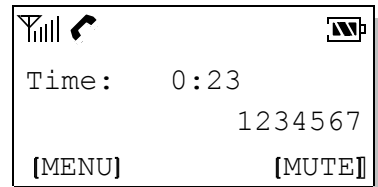
This function prevents your voice from being transmitted but you can still hear the other side.

1. Press **[MUTE]** button while in a call.
2. You could see “**MUTE**” message blinking on the right side of the LCD
3. To release Mute, Press **[UNMUTE]** button.

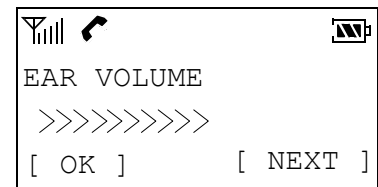


### 5.2 Ear Volume

You may adjust ear volume while you are in a call.



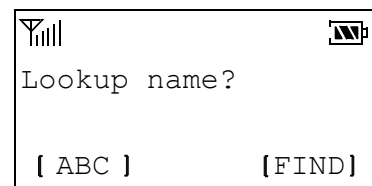
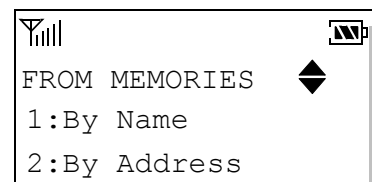
The **Volume** button on the right side of the phone can be used to adjust ear volume.



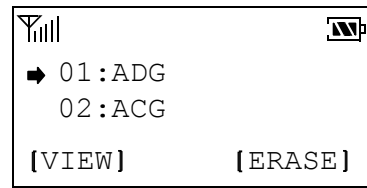
## 6. Searching, Editing & Dialing

### 6.1 Retrieving Phone Number by Name

1. Press **[RECALL]** and **2**(FROM MEMORIES)
2. Press **1** button to retrieve phone number by name.
3. Enter the name that you want to look for and press **[FIND]**.
  - ✓ At least two letters are recommended for quick search.

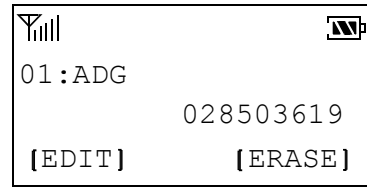


- ✓ Press **[NEXT]** or **UP** and **DOWN** button to scroll through the list of matches.



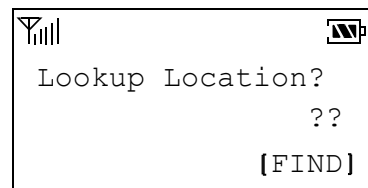
4. Press **[VIEW]** to see information in that location.

- ✓ Pick up handset to make a call.
- ✓ You can edit the phone number by pressing **[EDIT]** button.

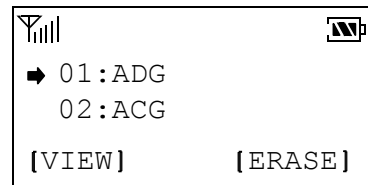


## 6.2 Retrieving Phone Number by Address

1. Press **[RECALL]** and **2**(FROM MEMORIES)
2. Press **2** button to retrieve a phone number by address.
3. Enter a memory address to retrieve phone number.  
(ex: If you enter a memory address, 01.)



- ✓ If there is no stored phone number in the memory location, "Empty Location" is displayed.
- ✓ If you press **[FIND]** button without entering number, you see the whole phone number list in the memory Location and you can find the number by scrolling the list.

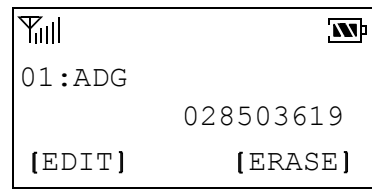


4. Pick up the handset or press **[MUTE]** button to call to displayed number, press **[EDIT]** to edit stored information or press **[ERASE]** to delete displayed information.

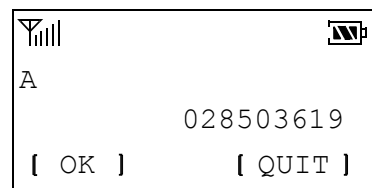
- Edit process

- ✓ Modify the phone number by **Clear** button and keypad. And Press **[OK]** to edit a related name.

- 1) Delete the phone number by **Clear** button.
- 2) Enter the modified phone number.
- 3) Press **[OK]**.
- 4) To move cursor, use **Volume** button or **\***, **#**.
- 5) Enter the name.
- 6) Press **[OK]**.

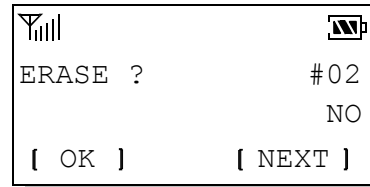


- ✓ Enter a new memory address to store a new information or choose the new memory address by **[NEXT]** and press **[OK]**.



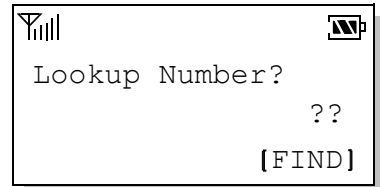
- ✓ Press **[OK]** to no secret.

- Erasing process
- ✓ You might press **[ERASE]** at the above step 3.
- ✓ Press **[OK]** to complete erasing process.



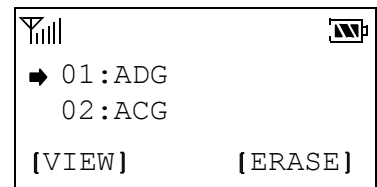
### 6.3 Retrieving Phone Number by NUMBER

1. Press **[RECALL]** and 2(FROM MEMEORIES).
2. Press 3 button to retrieve a phone number by number.
3. Enter the phone number that you want to find and press **[FIND]** button.



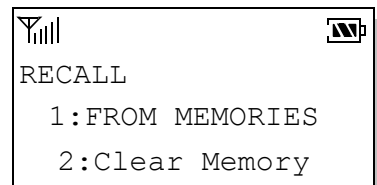
- ✓ If there is no stored phone number in the memory location, "No number matches" is displayed.
4. Pick up the handset or press **[CALL]** button to call to displayed number, press **[EDIT]** to edit stored information or press **[ERASE]** to delete displayed information.

- Edit process.
- Erasing process
  - ✓ Do the above step of 6.2.2.



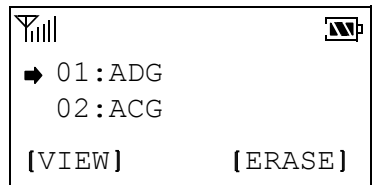
### 6.4 Fast Searching

1. Press **[RECALL]** button



2. Press **[RECALL]** button again.

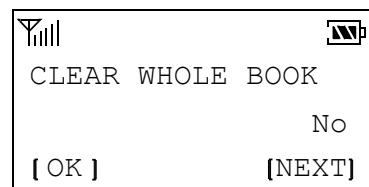
- ✓ you see the whole phone number list in the memory Location and you can find the number by scrolling the list.



### 6.5 Clear Memory

When you want to delete phonebook memory, you can erase all phonebook memory.

1. Press **[RECALL]** button
2. Press **2**(Clear Memory).
3. Press **[YES]** to erase all phone memory.



## 7.SMS (Short Message Service)

Messaging, Paging, and Voice mail features are available when your phone is turned on. Using **Message** button allows you to access messages for viewing on the LCD screen or to send a message.

Check with your WLL service provider regarding the availability of this feature. The information in a message depends on the mode the WLL is operating in and the service's capabilities.

### 7.1 Checking & Deleting Received Message

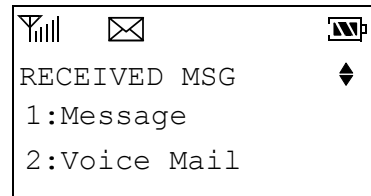
#### 7.1.1 Text Message

1. Press **MESSAGE** button and **1**(MSG RECEIVED)



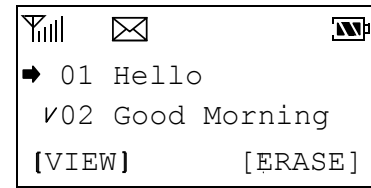
2. Press **1**(Text MSG) to see a received text message list.

- ✓ Locate **➡** to the desired message in the list.
- ✓ Mark "✓" means already a checked message.



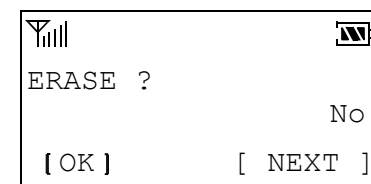
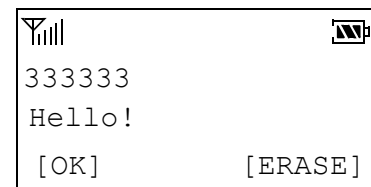
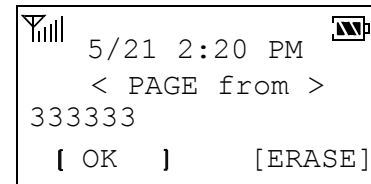
3. Press **[VIEW]** to see the content of desired message.

- ✓ You can see the message with received time and caller's phone number.
- ✓ You can read a l message.



4. Press **[ERASE]** to erase a message.

- ✓ Press **[OK]** to complete erasing process.

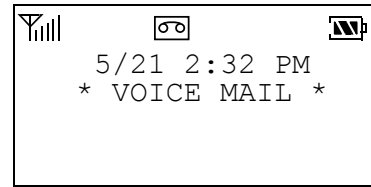




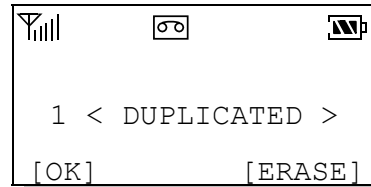
### 7.1.2 Voice Message

Voice mail notifications indicate the number of new voice mail message in your mail box. Only the most recent voice mail notification will be stored in the WLL phone; previous messages will be overwritten. When a voice mail messages left for you, the WLL phone will alert and display “ \* Voice Mail \* “. You must call your voice mail service to retrieve these messages.

1. Press **MESSAGE** button and **1**(Received MSG) in idle state.
2. Press **2**(Voice MSG) to check the voice message.

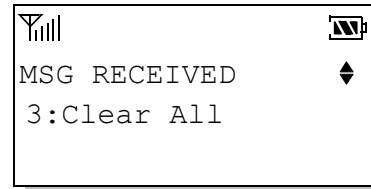


- ✓ If there is no voice message, “No Voice Mail was received” is displayed.
- ✓ Press **[ERASE]** to delete the voice message.

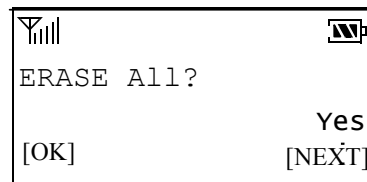


### 7.1.3 Erasing all Received Message

1. Press **MESSAGE** button and **1**(MSG RECEIVED).
2. Press **3**(Clear All).

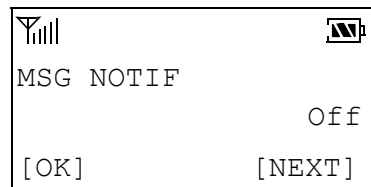


3. Press **[OK]** to delete.



### 7.2 MSG Notification tone select

1. Press **Message** button and **3**(MSG NOTIF).
2. Select **off, once, Every 2 Min** by pressing **[NEXT]** or Volume button.
3. Press **[OK]** to save and exit.



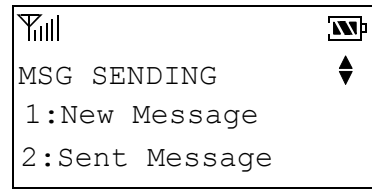
## 7.3 Message Sending

### ■ 7.3.1 Sending a New Message

1. Press **MESSAGE** button and **2**(MSG SENDING)

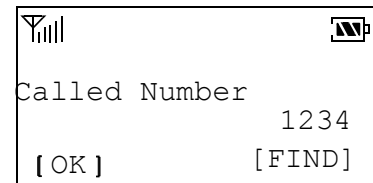


2. Press **1**(New Message) to send a new message

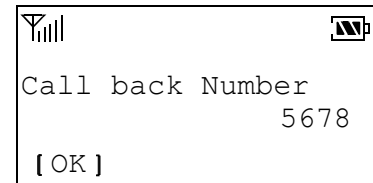


3. Enter the called number and press **[OK]**

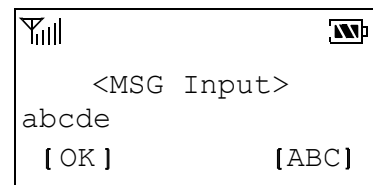
- ✓ You can find the called number in the memory by **[FIND]** button



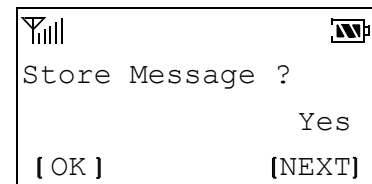
4. Enter the call back number and press **[OK]**



5. Input a message and press **[OK]** to send  
Press **[A BC]** to change upper or lower case character



6. Select Yes/No to store the message. Press **[OK]** to send

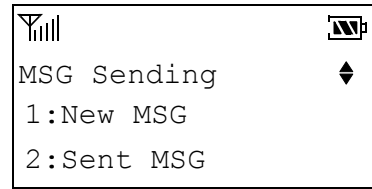


■ **7.3.2 Sending the sent Message or message after editing the Sent Message**

1. Press **MESSAGE** button and 2(MSG SENDING)

2. Press 2(Sent Message) to see a received text message list.

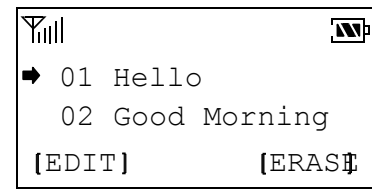
✓ Locate ➡ to the desired message in the list.



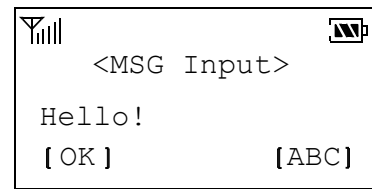
3. Press **[EDIT]** to edit the content of the selected message.

✓ You can see the selected sent message

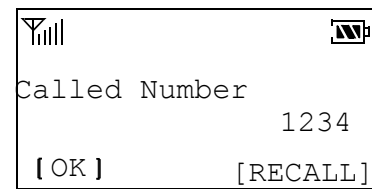
✓ Edit the message. Press **[ABC]** to change upper or lower case character



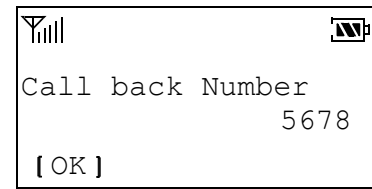
5. Press **[OK]** Button.



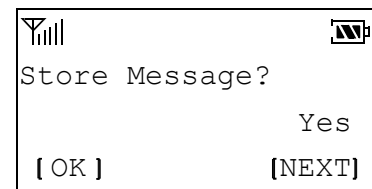
6. Enter the called Number and press **[OK]**



7. Enter the call back Number and press **[OK]**

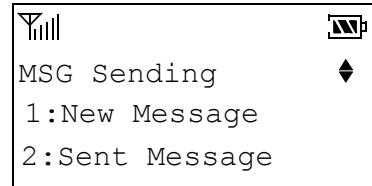


8. Select Yes/No to store Message. Press **[OK]** to send the MSG

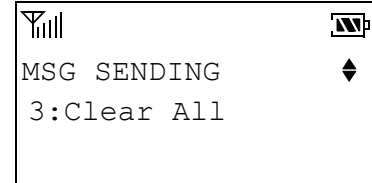


■ 7.3.3 Erasing a Sent Message

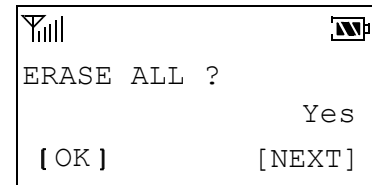
1. Press **MESSAGE** button and **2**(MSG SENDING)



2. Press **3**(Clear All) to clear text message list.



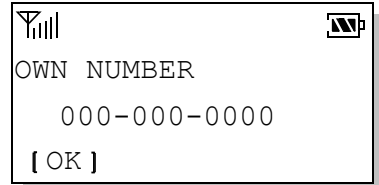
3. Press **[OK]** to erase a message.




## 8. Beside Functions

### 8.1 Viewing your own number

Press **Redial** button in on-hook state to see your own telephone number



### 8.2 Redial

Pick up the handset or press  button and **Redial** button to redial last outgoing number.

### 8.3 Hook Switch

1. While in the middle of a call, pressing the hook switch for 300ms(600~300ms) will be treated as a flash. After 1 second, the call will be terminated.
2. Very briefly pressing the hook switch will be ignored.

✓

### 8.4 Flash

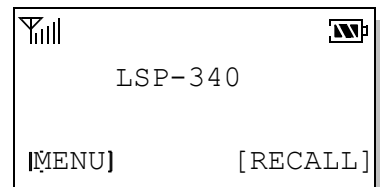
- ✓ The same as that of a single line phone

### 8.5 Safe mode

Even if you misplaced the handset for long, The phone returns to the normal state.

After the ROH tone, The phone returns to the IDLE state as

the picture and the phone is able to receive a call.



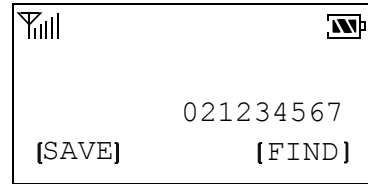
## 9. Storing Phone Number

### 9.1 Storing/Editing Phone Numbers

#### 9.1.1 Storing Phone Numbers

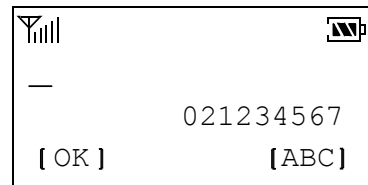
Frequently used phone numbers can be stored on the memory locations (01~99: 2 digits) and you can make a call by pressing memory location number in off-hook state.

1. Enter the area code and phone number in on-hook state. (Max. 32 digits)



2. Press **[SAVE]**.

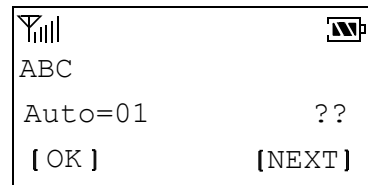
3. Enter the name in text mode and press **[OK]** to save.  
Press **[ABC]** to change upper or lower case characters.



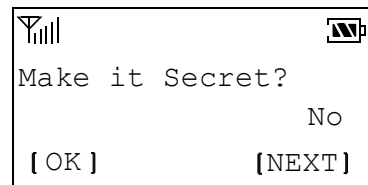
- ✓ To store without name, just press **[OK]**.
- ✓ Refer to “To enter a character”.

4. Enter the desired memory location.

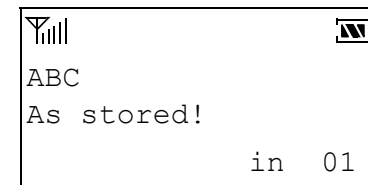
- ✓ The phone number is stored in the displayed memory location.



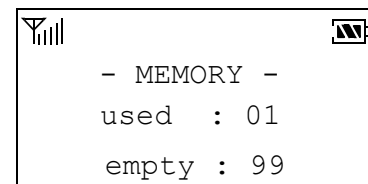
5. The phone will display a message asking to keep your number as secret or not. Select “No” or “Yes” using **[NEXT]**. Then Press **[OK]**.



- ✓ You can see a confirming message.



- ✓ Also you can see a condition of used memory.



- **To enter a character.**

---

You can enter English character in editing mode.

You can enter English character as default, and press **Message** to select specific character.

- **To enter English character.**

---

Press once a keypad to enter the first letter labeled in the keypad, twice to enter the second letter and 3 times to enter the third letter.

EX) To enter "L",

Press dial button **5** labeled "JKL" 3 times to enter "L".

- ✓ After 2 seconds entering a character, the cursor is moved to the next position automatically.
- ✓ Press **Volume** button to move the cursor.
- ✓ Press **Clear** button to erase or correct entered character.

- **To enter specific character,**

---

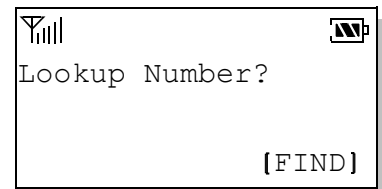
Press **Message** to view a desired character while you are entering names.

- ✓ Special characters includes \*, #, %, ", :, +, <, >, =, and more
- ✓ Press the number next to the character you want insert.

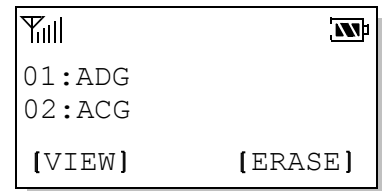
### 9.1.2 Erasing Stored Phone Numbers

When a phone number is stored in a memory location, you can erase the stored phone number.

1. Press **[RECALL] + 1**(FROM MEMORIES) + **3**(By Number) and enter a number of the desired memory location to erase.



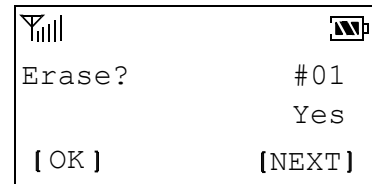
- ✓ If there is no stored phone number in the memory location, "Empty Location" is displayed.



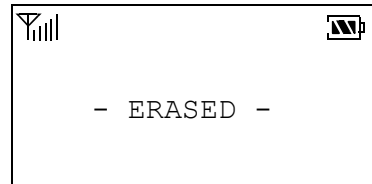
- ✓ If you do not remember the memory location to erase, press **[FIND]** to search phone number by memory location

2. Erasing process

- ✓ Press **[ERASE]** to delete.



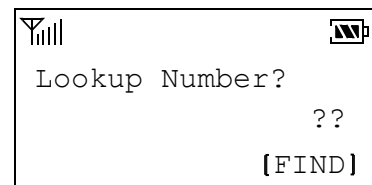
- ✓ Press **[OK]** to complete erasing process.



## 9.2 Finding Stored Phone Numbers

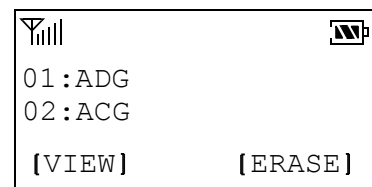
You can see all the list of stored phone numbers in memory list and if you forgot the memory location, can find it in sequence. And You can place a call with the phone number.

1. Press **[RECALL]** + 1(FROM MEMEORIES) +3(By Number) in on-hook state.



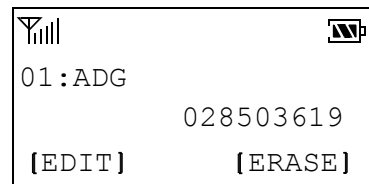
2. Press **[FIND]** button to find the desired phone number.

- ✓ Locate ➡ in the desired name or address to find.
- ✓ If not any entered name, phone number is displayed.



3. Press **[VIEW]** to see the stored number.

4. To make a call with the phone number in the state of step 2 or step 3, pick up the handset or press **[CALL]** button and wait for Auto Time-out.



## 10. Speaker phone

This function is a convenient feature which enables you to call using speaker phone



button in on-hook state.

## 11. General Information

### Main Unit

Item	LSP-340
Tx Frequency	Digital : 824 ~ 849 MHz
Rx Frequency	Digital : 869 ~ 894 MHz
Channel Bandwidth	1.25 MHz
Tx Power	Digital : Max. 0.31W
Rx Sensitivity	-104 ~ -25dBm
Size	215 X 160 X 84 ( W X LX H)
Weight(g)	Below 833(with battery, Ni-MH)
	Below 749 (without battery)
Operating Temperature	0 ~ 55 °C

### AC/DC Adapter

Item	SMPS Type Description
Input Voltage	AC 100 ~ 250V / 0.3A, 15W
Input Frequency	50 / 60Hz
Output Voltage	9.6V(DC), 1A

### Battery

Item	Description
Capacity	3.6V Ni-MH 1700mAh
Talk duration time	2 Hours
Standby duration time	24Hours
Charging duration time	Trickle, 24 Hours

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