

# **Owner's Manual**

**CDMA Fixed Wireless Telephone  
Owner' s Manual**

**MODEL : LSP-1000**

Transferring to DM Mode.....	15
<b>6. Troubleshooting.....</b>	<b>16</b>
<b>7. Programming.....</b>	<b>17</b>
NAM Programming.....	17
<b>8. Safety &amp; General Information.....</b>	<b>18</b>

## **1. Before You Start**

### **Safety Instructions**

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 the SAFETY AND GENERAL INFORMATION located near the end of this document!

### **Care and service**

#### **Cleaning**

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.

#### **Placement**

Be sure the unit is installed in a stable condition. Serious damage may result if the unit falls. Do not place the unit on, or within 1 meter (3') of heaters or radiators. This unit is designed for desktop or wall mountable. But also designed for wall mountable with mounting bracket which is provided as option.

#### **Serviceability**

If the unit fails for any other reason, do not attempt to disassemble; contact the telephone service provider for assistance.

Unplug the unit at the wall plug, remove battery then call the service provider if any of the following conditions exist:

The unit does not work normally by following the operating instructions.

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.

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## **2. Introduction**

Congratulations on your purchase of the LSP-1000 Fixed Wireless Telephone that has been designed to operate on the latest digital mobile communications technology, Code Division Multiple Access (CDMA)

The Fixed Wireless Telephone is a cellular product designed to operate on the latest digital mobile communication technology, Code Division Multiple Access (CDMA). This CDMA digital technology has greatly enhanced voice clarity and can provide various advanced features. The Telephone enables the normal operation and direct connection of standard telephone equipment into the cellular network.

The standard unit provides:

Dial tone;

Touch tone (DTMF) or Pulse Dialing;

ROH (Receiver off-hook) tone;

DB9 Data Port;

3 Step Ringer Volume Switch;

AC Power supply with barrel plug connector;

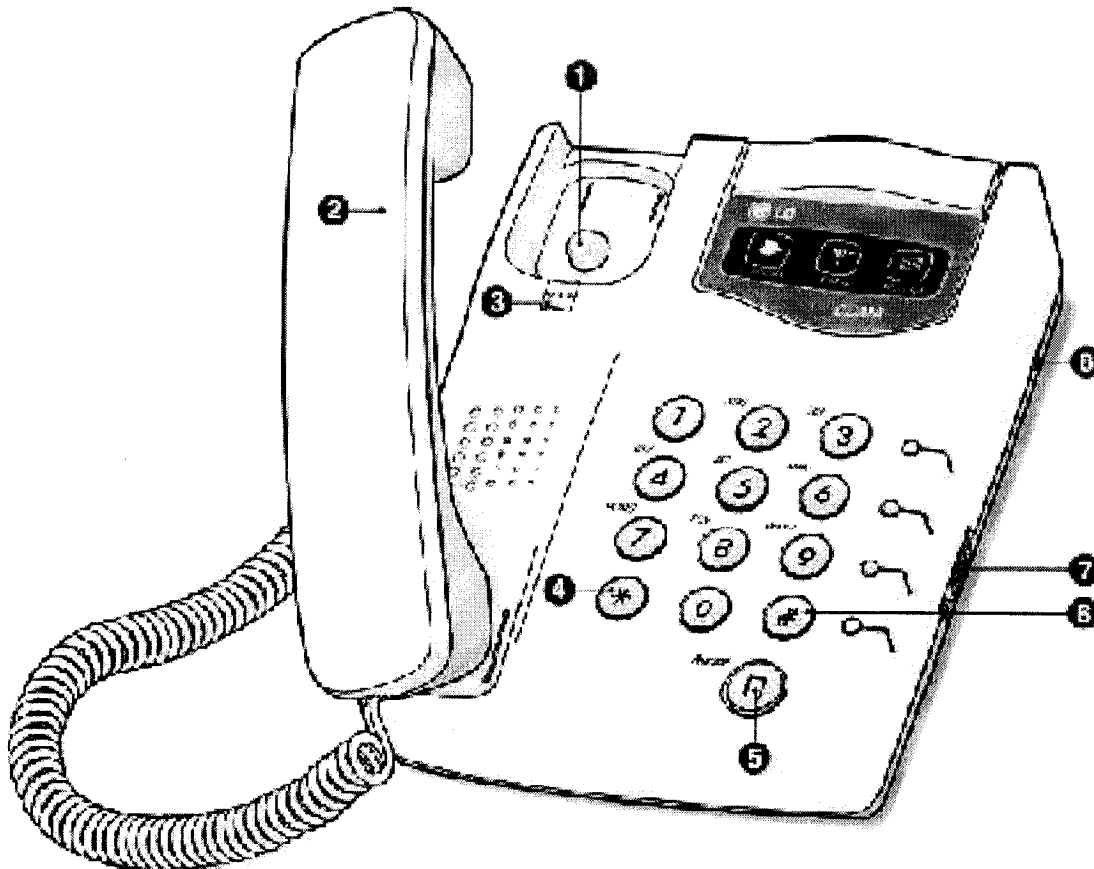
Three lights (LEDs) to indicate the status of the unit;

Spike Antenna;

Other features as determined by your service provider

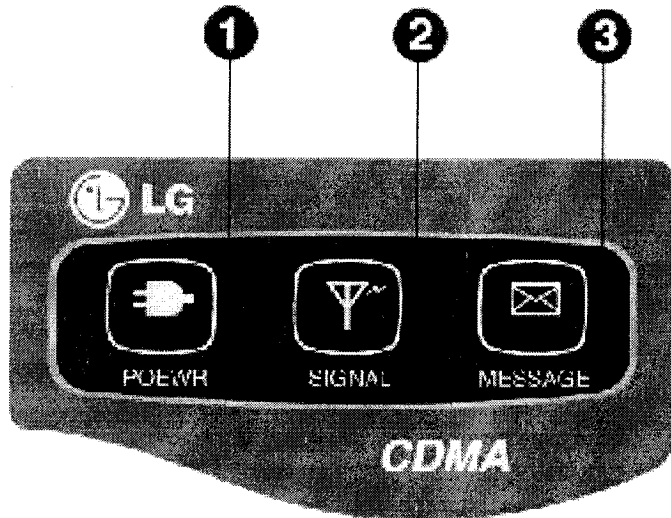
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### Front View of the Terminal



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- |  |   |
|--|---|
| <b>1) Hook Switch</b>                                  | <b>5) Redial button</b>   |
| <b>2) Base-handset</b>                                 | Press to redial the last dialed number.   |
| <b>3) Handset Hook</b>                                 | <b>6) # button</b>  |
| Reverse it to mount the unit on a wall<br>phone plate. | After entering a phone number, press<br>place the call. In idle or menu status,<br>press select a menu. |
| <b>4) * Button</b>                                     | <b>7) DB-9 PORT</b>   |
| In the Menu state, press to select a menu.             | <b>8) Ring Volume Switch</b>  |
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### 3 LEDs Display Indicators



3 LEDs with indicates the status of the telephone and message indication feature as followings:

LED	Color	Status
POWER LED	Green Solid	DC Power
SIGNAL LED (Cellular Service)	Green Solid	Good Signal
	Red Solid	Marginal Signal
	Red Blinking	No Service
MESSAGE LED	Red Solid	Message is received

## **Installation**

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

- Each standard unit comes with the Fixed Wireless Terminal, an AC power supply with power cords, an antenna and User Manual.
- Please make sure that these components are present before you begin the unit installation.

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

- Place the terminal on the stable flat secure surface area (desk, table, etc.). 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**

- Connect the antenna to the TNC connector located at the topside of the terminal. (See Figure 1 to locate the TNC connector) If you placed the terminal on the flat surface, bend the antenna up right.
- Connect your phone cord to the RJ-11C port located at the right side of the terminal.
- Connect the AC power supply cable to the DC input port located at the right side of the terminal.

### **STEP IV. Check LED indicators**

- When you followed the installation instruction STEP I to STEP III, please check the LEDs for normal operation.

### **STEP V. Wall Mounting Bracket**

- The terminal comes with a bracket for wall installation. Before installing it, determine the location which provides the strongest signal and a near by electrical outlet.
    1. Hold the bracket against the wall;
    2. Mark the two openings and select round or pinhead type screw;
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**LGIC CDMA Fixed Wireless Telephone**  
**LSP-1000**

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3. Drill out the holes with drill bit smaller in diameter than the screws
4. Secure two screws into the wall, leaving about 1/8inch gap between the screw heads and the wall;
5. Place the bracket over the two screws so that the screw head protrudes out of the opening;
6. Slide the bracket downward until the screw head is locked at the top of the opening and the bracket is secure;
7. Tighten the screws the bracket is resting upon;
8. Insert THE terminal into the bracket until you hear two snaps (both sides of the unit should snap into the bracket);
9. Insert the DC power pack into an electrical outlet and attach the telephone line into the Phone jack (RJ11) of the unit

*Note:* Some wall materials may require special inserts of plugs to secure a screw and support the bracket.



**Receiving a call**

The connected telephone rings when an incoming call is detected. Pick up the handset and begin talking into the mouthpiece. (You can adjust the receiving volume and ring volume with volume switch).

**Ending a call**

When you have completed the call, place the handset back on hook. Also you can hook flash more than 1 second to end a call and place new call without hanging up the handset.

\*) For emergency call, only the main system can release the call.

## **4. System Features**

- Lift handset and press # key, it becomes to Menu mode.
  - Select the number of menu to use and confirmation tone is heard.
  - To cancel or finish it, press hook switch and dial tone is produced again.
  - \*) You should lift the handset to enter menu mode and if any error is occurred, error tone will be heard.
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<p><b>Speed Dial</b></p> <p><b># 1 + # + Memory Location + phone number + *</b></p>	<p>Max. 30 speed dial numbers can be entered in memory locations and place a call by pressing memory location and # key.</p> <ol style="list-style-type: none"><li>1. Press # key and dial button 1.</li><li>2. Press # key and one of the memory locations (1~30).</li><li>3. Press # key and a desired phone number (32 digits).</li><li>4. Press * key.</li><li>5. Pressing hook switch, it returns to idle status and dial tone is produced.</li></ol>
<p><b>Hot Line</b></p> <p><b>To set :</b></p> <p><b># 3 + # 1 + Hot Line number + *</b></p> <p><b>To release :</b></p> <p><b># 3 + # 2 + *</b></p>	<p>While the Hot Line function is set, if not dialing any key for 10sec, the stored hot line number is dialed.</p> <ol style="list-style-type: none"><li>1. Press # key and dial button 3.</li><li>2. Press # key and dial button 1 (to set).</li><li>3. Press the hot line number (max. 32 digits).</li><li>4. Press * key.</li><li>5. Pressing hook switch, it returns to idle status and dial tone is produced.</li></ol>
<p><b>Alarm Function</b></p>	<p>Setting alarm time, ring is heard in the designated time.</p> <ol style="list-style-type: none"><li>1. Press # key and dial button 4.</li><li>2. Press # key and dial button 1 (to set).</li><li>3. Enter the alarm time (HHMM + 1: am or 2: pm).</li><li>4. Press * key.</li><li>5. Pressing hook switch, it returns to idle status and dial tone is produced.</li></ol> <p>*) The alarm ring is heard in standby mode and to stop the ring, press hook switch.</p>

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Most electronic equipment is shielded from RF energy. However, RF energy from the telephone transmitter may affect inadequately shielded electronic equipment. For example, RF energy may affect improperly installed or inadequately shielded motor vehicles. Check with the manufacturer or its representative to determine if these systems are adequately shielded from external RF energy. You should also check with the manufacturer for any equipment that has been added to your vehicle.

Consult the manufacture(s) of your medical and personal electronic device(s) (for example a pacemaker, hearing aid, etc) to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information regarding medical devices.

**WARNING**

Only Authorized Service Personnel should remove the cover of the Telephone for additional service. The contents of the Telephone contain components that present an Electric shock hazard if handled improperly. For further assistance, contact your Authorized LGIC service representative.

**Potentially Explosive Atmospheres:**

Areas marked with potentially explosive atmospheres are often, but not always, marked. They include fueling areas such as gas stations, below deck on boats, fuel or chemical transfer or storage facilities; areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

Do not replace or charge batteries in a hazardous atmosphere. Contact sparking may occur while installing batteries or removing batteries and cause an explosion.

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

U.S. Patent No. 4,901,307 U.S. Patent No. 5,056,109 U.S. Patent No. 5,099,204  
U.S. Patent No. 5,101,501 U.S. Patent No. 5,103,459 U.S. Patent No. 5,107,225

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