USER GUIDE

PV500 Series
PV510 / PV520 / PV530

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I NTRODUCTION

The Fixed Wireless phone operates through a wireless connection instead of a landline phone cable, enabling the subscriber to set up the phone at any where wireless service is available.

Axesstel CDMA 2000 Fixed Wireless Phone provides high quality and superior performance with many features such as superior voice quality, optional data service, caller ID, three-way calling, call waiting, short message service, etc.
A large graphic liquid crystal display provides user-friendly interface for quick and easy information display.

FEATURES

1. Speaker Phone
2. Signal Strength Indicator
3. Redial
4. Volume Control
5. Backlit Keypad
6. Battery Power Backup
7. Easy to read, backlit LCD Screen
8. One-touch, Two-touch Dialing
9. Automatic Sending
10. Phone Book
11. Short Message Service
12. Data Call (up to 153.6kbps)
13. FM Radio with programmable preset

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TABLES OF CONTENTS

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SAFETY PRECAUTIONS

1. Avoid placing the phone in a dusty location, or near a source of gas or fire.
2. Don't shake, hit or drop the phone.
3. To If you clean the outside of the phone, use only a soft, dry cloth. The chemicals
   in alcohol, benzine or acetone can damage the surface of the phone.
4. Do not twist or pull the cord out of the phone.
5. Do not disassemble the phone.
6. DO NOT use the power adaptor if:
   - The power cord is damaged.
   - The phone has been dropped or damaged in any way.
7. Use only the AXESSTEL provided adaptor. Do not use the AXESSTEL adaptor for
   any other purpose.
8. Use only the AXESSTEL provided antenna. Do not use the antenna for any other
   purpose.
9. Frequency and length of use can affect the life of the self-charging battery.
   Contact your customer service if the battery is not operating properly.
10. Use only the designated self-charging battery. Dispose of exhausted batteries
    properly.
    Never discard a battery in or near fire or flame.
11. Do not use the telephone near water, for example, near a bathtub, sink, wet
    basement, or swimming pool.
12. For pluggable equipment, the socket-outlet shall be installed near the
    equipment and shall be easily accessible.

NOTE: The input and output voltages are indicated on the adaptor.
          (Input: AC 100~240V, 50~60 Hz, Output: DC 5V, 2A)

CHECKING THE PARTS

Once you have unpacked your phone, make sure that you have all the parts shown below. If any piece is missing or broken, please call your customer service.

1. Main Unit
2. Handset
3. Power Adaptor

4. User Manual
5. Antenna
6. Battery
7. Stand / Wall mount bracket
8. Handset Cord

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SETTING UP YOUR PHONE

Installing the battery

1. Remove screws with a screw driver and remove the battery cover on the bottom
    of the phone.
2. Plug the battery connector into the socket.
3. Put the battery cover back and fasten the screws.
4. Turn on the Power Switch "ON".
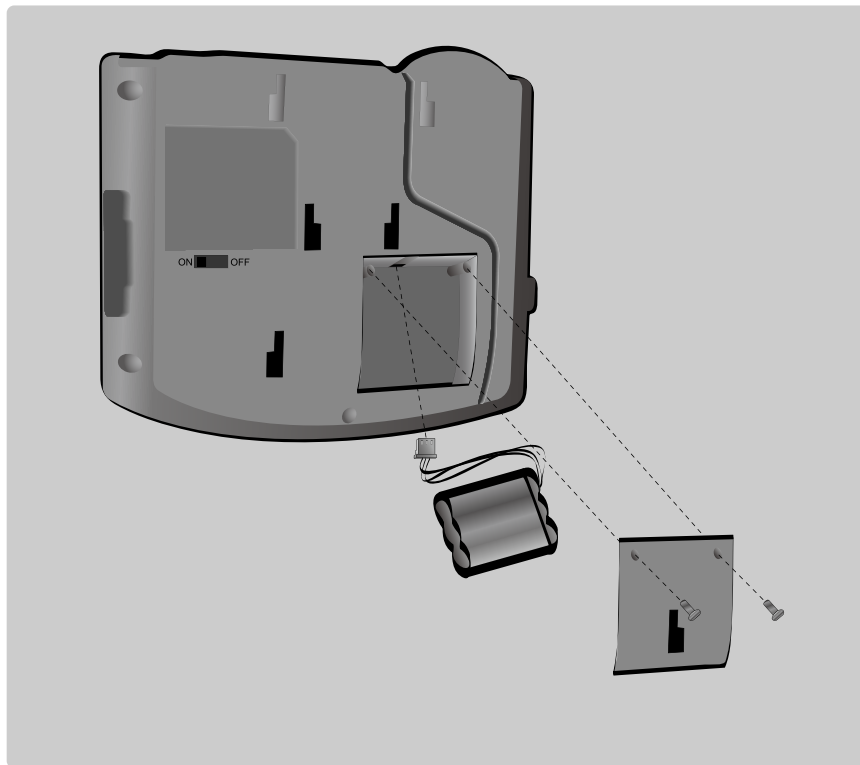
SETTING UP YOUR PHONE

Installing the phone

This phone operates by receiving DC power from the AXESSTEL power adaptor, which connects to an electrical outlet. The phone is equipped with a rechargeable battery as a back up in case of an AC power failure.

Desktop installation

Attach the handset	*1*	*2*	Connect the antenna
Attach the stand/wall mount bracket	*3*	*4*	Plug the Power adaptor into an appropriate wall outlet

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SETTING UP YOUR PHONE

Wall mount installation

1. Mark two mounting hole locations on the wall.
2. Drill two holes at the marked location.
3. Attach the wall mountable bracket, if needed.
4. Tighten the screws firmly.
5. Plug in power connector and route the cords in the groove on the back of the phone.
6. Insert the wall mount bracket hook into the holes on the back of the phone.
   Push the phone against the wall and pull it down firmly until locked.
7. Screw the antenna into antenna connector.
8. Pull out the handset hanger and reinsert it in the reverse direction, so that the receiver can be hanged.
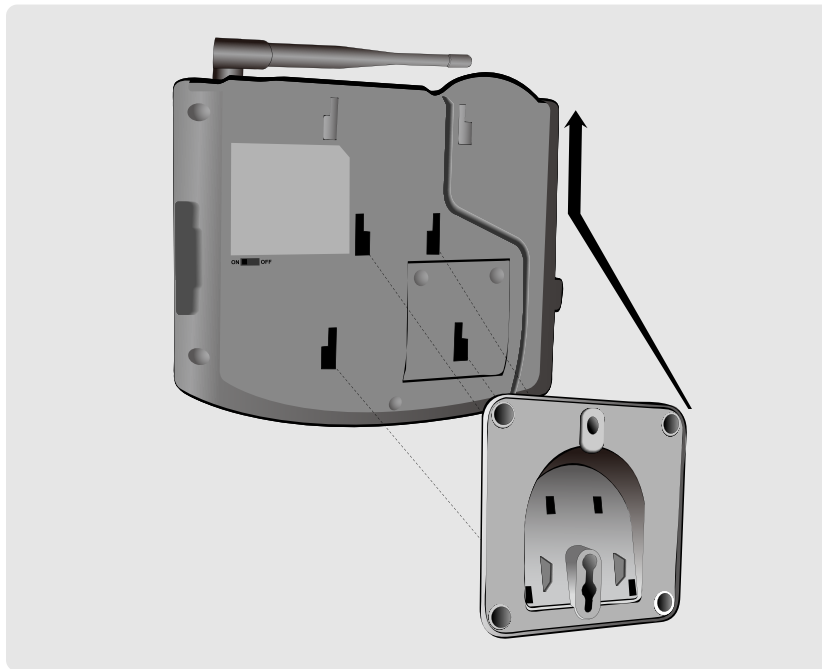
NOTE : NOTE: The input and output voltages are indicated on the adaptor.
(Input: AC 100~240V, 50~60 Hz, Output: DC 5V, 2A)

SETTING UP YOUR PHONE

Service Status Check

Display in the Service Area

When the power cord is connected properly, all segments in the LCD window will turn on briefly and Power LED will light. The number of bars of signal strength indicator (antenna icon) indicates the strength of service signal of the area.

The display will show the greeting with date and time. You can change the greeting. (See page 34.)

AXESSTEL
THU 10/09 5:24P
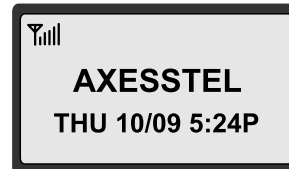
Display in area with no service

When there is no service signal detected in your area, no antenna bar appears. Contact your service provider for the coverage area information.
First, check if the antenna is connected firmly.

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GETTING TO KNOW YOUR PHONE

1.Antenna

2.Power LED

3.Vol/Scroll

4.Shift keys

6
5
8
7
10
9
FM

11.Speaker phone
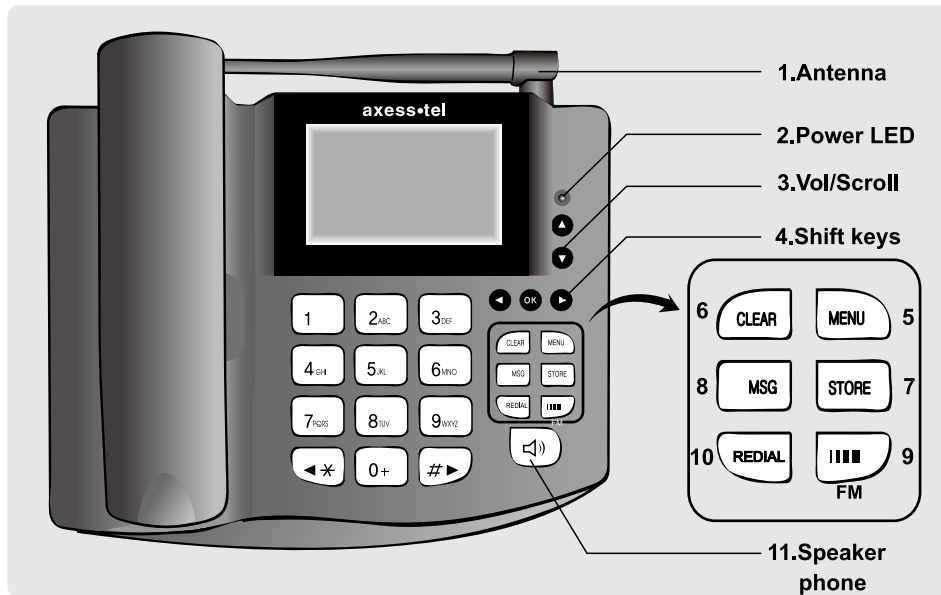
1. Antenna: Adjusting the position of antenna improves the sound quality of the call.

2. Power LED: The Power LED lights when the power is connected. Under battery power, this LED is always off.

3. Vol/Scroll: Lets you adjust sound levels and scroll through the menu options and displays.

4. Shift Keys: Press to move the cursor when entering letters and to scroll through menu options and displays.

5. Menu: Press to access the phone's menus.

6. Clear: Lets you clear your last entry.

7. Store: Stores phone numbers, and any settings you select in the menu within the phone's memory

8. Message: Press to retrieve messages.

9. FM Radio: Turns on or off the FM Radio

10. Redial: Allows you to redial the last number called.

11. Speaker Phone: Turns on or off the speaker phone feature.

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DISPLAY ICONS

Icons display on the screen to indicate what features you are using, signal strength and battery status etc...

```
[icons row]
AXESSTEL
2:32 PM
[ THU ] 10-09-2006
```

Indicate the strength of the signal. More bars indicates stronger signal.

Indicates the level of battery power. The more bars, the more power. When the battery is low, the icon blinks, and an alert tone sounds.

Indicates that you are using the phone's menu.

Indicates that the alarm has been set.

Indicates that you are in the Phonebook menu.

Indicates that you have a text message or a voice mail message.

Indicates that a voice or data call is in progress.

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FUNCTION KEYS

MENU   Press this key to display the phone's main menu.

CLEAR   Clears information from the display screen.
              - To erase one character from the display screen, press it once.
              - To erase all characters on the screen, press and hold.
              - To go back one step in the menu mode, press it once.

MSG   Press this key to retrieve messages.

STORE   Press this key to store a phone number in the phone book,
              to save menu settings.

REDIAL   Press this key to redial the last number called or to connect a
              call right after dialing the number without waiting until the call
              is connected automatically.

FM   Press this key to turn on or off the FM Radio. When there is an
              incoming call or when the user is attempts to make an outgoing
              call, the FM Radio turns off automatically.

              The Speaker button is used to place or receive a call without
              using the handset. The integrated microphone and speaker on the
              main unit allows hands free conversation.

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Basic Operation

FM Radio

Programming Preset

Using Preset

Making Calls

Redial

Receiving Calls

Adjusting Volumes

Choosing the Ring Tones

Message Service

SMS Services

F M RADIO

Using FM Radio

1. Press 🔲 to turn on the Radio
2. Entering Radio Mode, Preset Channel and Frequency
   display on the screen
3. Press ◀ or ▶ lightly to move the preset channel.
4. Press and hold ◀ or ▶ to scan to next available channel.
5. Press MENU to enter the preset mode.
6. Press ▲ or ▼ to change the volume.
7. To stop FM Radio, press 🔲 .

Note: When you lift the phone handset or an incoming call comes in, FM Radio stops automatically, switching to the phone mode. Also pressing 🔊 to use speaker phone also stops the FM Radio.

Note: Power cord acts as FM Radio Antenna. For best reception, plug in the power cord to the phone while listening to FM Radio.

```
┌──────────────────────┐
│ ▼ull                 │
│      Radio On        │
│   FM 107.1 MHz       │
│   ▬ ▬ ▬ ▬            │
└──────────────────────┘
```

PROGRAMMING and USING PRESET

10 programmable presets are available.

Preset mode and normal mode can be toggled back and forth.

1. Press MENU to toggle between normal and
   preset modes.
2. "Preset Mode" and preset numbers appear.
3. Press ◀ or ▶ to select the preset number.
Note : Presets 6~10 are indicated by highlighted "+5".
4. Press and hold Number key what you want to store
5. Press ◀ , ▶ or Number key to change
From one preset to another.

```
┌──────────────────────┐
│ ▼ull MEM 1 2 3 4 5 +5│
│      Preset Mode     │
│   FM 107.1 MHz       │
│   ▬ ▬ ▬ ▬            │
└──────────────────────┘
```
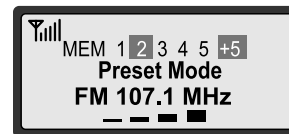
Auto Preset

Press REDIAL button for automatic scan of available stations. Once the scan is performed, the phone will automatically store detected stations to 10 presets.

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MAKING CALLS

1. Make sure your phone is turned on.
2. Pick up the handset to hear a dial tone.
   When the phone fails to acquire service signal, you will hear "No Service" tone (intermittent tone).
3. Dial the number to call. The LCD window displays the number.
4. Wait for a moment for auto calling or press [REDIAL] .
5. When the other person answers, begin conversation.
6. To end the call, replace the handset on the main unit.
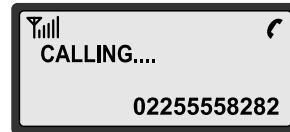
NOTE1: Modifying a phone number while dialing..
   - To erase the last digit entered: Press [CLEAR].
   - To erase the entire number: Press [CLEAR] and hold.
NOTE2: Automatic calling
   The phone was set to places a call automatically 4~10 seconds after last digit entry from the factory. To disable automatic calling or change the delay time,
   1. Press [MENU] , [0] , [1] .
   2. Press ◄ or ► to select different time or 'OFF', then press [OK] to save.
   Once automatic calling is disabled, you have to dial the number and press [REDIAL] to place a call.

REDIAL

Redial the last number you dialed.

1. Pick up the handset or press [🔊] .
2. Press [REDIAL] .

NOTE : You may not redial when there is no last number dialed stored
in the memory. "NO LAST CALL!" message is displayed on the LCD.

RECEIVING CALLS

**When there is an incoming call, the phone rings and blinks
"Incoming Call" message on the display.**

1. Simply pick up the handset or press [🔊] to answer the call.
2. To disconnect, replace the handset or press [🔊] .

NOTE: When the ringer volume is set to 'Silent', the phone
does not ring. Only the "Incoming Call" message blinks.

```
▼▥▥▥                      ℓ
INCOMING CALL

            02255558282
```
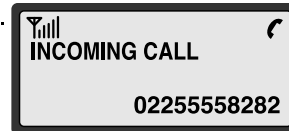
When the Caller ID service is activated.

Caller ID Display
The Caller ID feature displays the caller's number when the
phone receives a call. If the caller's name and number are
stored together in the phone book, the caller's name is
displayed. Contact your service provider to activate this
feature.

```
▼▥▥▥                      ℓ
INCOMING CALL
SUNNY
```

NOTE: If the call is not answered, the phone displays the
"Missed Call" message with the call arrival date and
time.

```
▼▥▥▥
MISSED    1 CALL
THU 10/09 2:56P
```
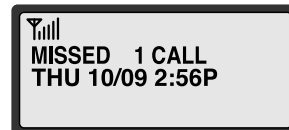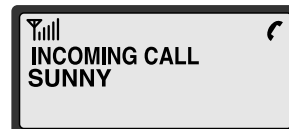
ADJUSTING VOLUMES

You can control the sound volumes including the key tone, earpiece, speaker and the ringer

Adjusting key tone volume

Press ⬆ or ⬇ repeatedly until it reaches proper volume. Press **OK** to save.

```
Y₁ıll
     KEY VOLUME
    ( ▬ ▬ ▬    )
CHANGE: ▲▼ SEL:OK
```

Adjusting external speaker volume

Press ⬆ or ⬇ repeatedly during hands free conversation to adjust external speaker volume.

```
Y₁ıll                    ℓ
   SPEAKER VOLUME
    ( ▬ ▬ ▬    )
CHANGE: ▲▼ SEL:OK
```

Adjusting earpiece volume

During phone conversation, pick up the handset and press ⬆ or ⬇ repeatedly during a phone call to adjust earpiece volume.

```
Y₁ıll                    ℓ
   EARPIECE VOLUME
   ( ▬ ▬ ▬    )
CHANGE: ▲▼ SEL:OK
```

Adjusting ring volume

1. Press **MENU** , ⑤ , ③ .
2. Press ◄ , ► to adjust ringer volume.
3. Press **OK** to save.

```
Y₁ıll      MENU
     RING VOLUME
    ( ▬ ▬ ▬    )
CHANGE: ◄► SEL:OK
```

NOTE: If 'Silent' is selected, the phone does not ring when an incoming call comes in. Only the "INCOMING CALL" message blinks on the display.

CHOOSING THE RING TONES

You can choose from twelve different ring tones.

1. Press **MENU** , ⑤ , ② .
2. Press ◄ or ► to select ring type.
3. Press **OK** to save

```
Y₁ıll      MENU
RING SELECT
   TONE #1
CHANGE: ◄► SEL:OK
```

MESSAGE SERVICE

Message Service is network dependent feature and is available only when your service provider supports it. Check your service provider is providing message service before using this function.

Sending New Text Messages

1. Press [MSG] . Press [1] (New Message)
2. Write message using the keypad. Toggle between
    uppercase, lowercase, and numeric by pressing
    [MSG] button. Press [STORE] .

NOTE: See page 21 for more information on text edit.
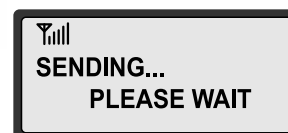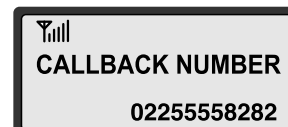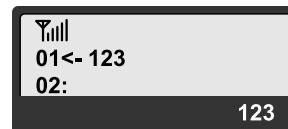
3. Destination Number (Up to 20 multiple destinations) :
- Enter a single destination number and press [STORE] .
- **Group Message:** To send the message to multiple
  destinations, scroll down to next available slot and enter
  additional numbers.
- Press [STORE] .
- To retrieve a number from phonebook, press [MENU] to
  bring up phonebook.
4. Once the destination number has been entered, Press
    [STORE] to confirm transmission.

NOTE: To change default message options, access
          Message Options menu.

Sending Saved Text Messages

1. Press [MSG] ,[6] (Saved MSG).
2. Select message to resend with ◀ or ▶ and
    press 🆗 .
3. To send the message again, press [STORE] .
    To edit the message press [MSG] .

1: NEW MESSAGE
2: INBOX
3: SMS SERVICES

HELLO_   [005/160] A

01<- 123
02:
                123

CALLBACK NUMBER
        02255558282

SENDING...
        PLEASE WAIT
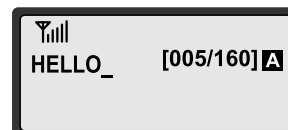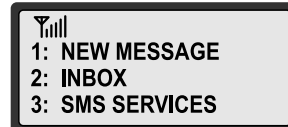
Received Text Message
1. When text message arrives, 'MESSAGE! 10/12 4:04 PM'
   displays shortly and ⊠ appears in the icon line.
2. Press [MSG] , [2] (Inbox).
3. Press ◄ or ► to select message you want
   to see and press [OK] .
4. The message, arrival time and call back number (if
   available) display. If the message is long, it will be
   scrolled down in 3 seconds automatically.
   To scroll up and down manually, press ◄ or ► .
5. If the message contains call back number and you want to
   make a call to that number.
   Press [REDIAL] if you want to call back.

NOTE: If the call back number is stored in the phonebook
   with a name, the name will display instead of the
   phone number.

6. To forward the received message to another number,
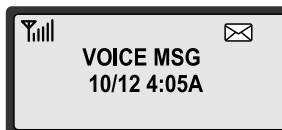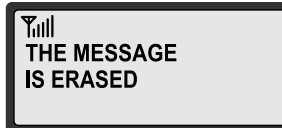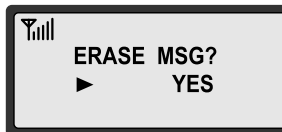   press [MENU] .
7. To write a reply to the sender, press [MSG] .

```
Yıll                      ⊠
          MESSAGE
           4:04 PM
        [MON]10-12-2006
```

```
Yıll                      ⊠
1: NEW MESSAGE
2: INBOX 00/02
3: VOICE MSG
```

```
Yıll                      ⊠
01 ✔SUNNY
02:    02255558282
```

```
Yıll                      ⊠
HELLO
10-12            4:40 PM
MESSAGE FROM
```

Delete Selected Text Message
1. Press [MSG] , [2] (Inbox).
2. Press ◄ or ► to select message you want
   to delete and press [STORE] .
3. Press [STORE] again.
4. Select 'YES' with ◄ or ► and press [OK] .

```
Yıll
          ERASE  MSG?
          ►           YES
```

```
Yıll
THE MESSAGE
IS ERASED
```

Retrieving Voice Messages
1. When voice messages arrive, "VOICE MSG"
   10/12 4:04 PM" shortly appears and ⊠ appears
   in the icon line.
2. Press [MSG] , [4] (Voice MSG) or press [OK] to view
   message directly
3. Press [REDIAL] to dial voice mail service center.

```
Yıll                      ⊠
          VOICE MSG
          10/12 4:05A
```

```
Yıll
3: VOICE MSG[01]    ▼
4: TEMPLATES
5: SAVED MSG
```

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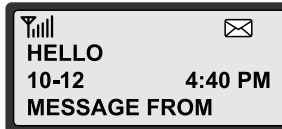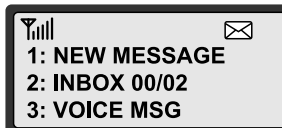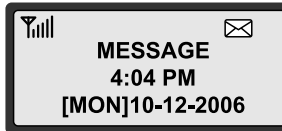
Erasing All Messages

1. Press **MSG**, ⑦ (Erase MSG) .
2. Select 'YES' with ◀ or ▶ .
3. Press **OK** .

```
📶
     ERASE   ALL?
  ►              YES
 CHANGE: ◄► SEL:OK
```

Setting/Releasing Message Alert

1. Press **MSG**, ⑧ (Option MSG), ② (MSG Alert).
2. Select ON or OFF with ◀ or ▶ .
3. Press **OK** .

NOTE: While the message alert is set, the phone will alert the user when messages arrive.

```
📶
   MESSAGE ALERT
  ►                ON
 CHANGE: ◄► SEL:OK
```

Saving Sent Message

1. Press **MSG**, ⑧ (MSG Option), ⑤ (Save Sent MSG).
2. Press ◀ or ▶ to select "ON" or "OFF".
3. Press **OK** .

NOTE: While this option is turned on, outgoing new messages will be automatically saved. Retrieve the saved messages by accessing Saved Message Menu.

Setting Message Priority Type

1. Press **MSG**, ⑧ (MSG Option), ④ (MSG Priority).
2. Press ◀ or ▶ to select "NORMAL" or "URGENT".
3. Press **OK** .

Setting Message Auto Delete

1. Press **MSG**, ⑧ (MSG Option), ⑥ (Auto Delete).
2. Press ◀ or ▶ to select "ON" or "OFF".
3. Press **OK** .

When Auto Delete is enabled, the phone will automatically delete oldest received messages in INBOX in case of full memory.

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Phone book

I NTERNAL PHONE BOOK

Your phone has an internal "Phone Book" in which you can store up to 99 frequently used names and numbers.

S TORING IN THE MEMORY PHONEBOOK

1. Press [MENU] , [1] , [2] .
2. Enter the name by pressing the alphanumeric keypad and pressing [STORE] after completed.

NOTE1: If you do not want to enter a name, just press [STORE] here. The number will be saved as "No Name".

NOTE2: Name entry is limited to maximum of 16 letters.
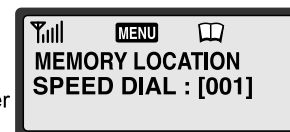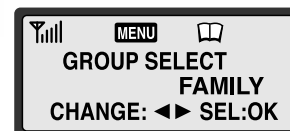
How to Enter & Edit Text

You can enter letters using the alphanumeric keypad. Each button has 3 to 4 letters assigned. Each stroke on the button scrolls the assigned alphabet letters and the numeric value. Stop pressing when the letter you want appears. You can switch between capital and lower-case letters by pressing [STORE] . Press [STORE] again to get back to capital letters.

To enter special characters, press [1] repeatedly.

For space, press ▶ . To go back, press ◀ .

A single stoke on [CLEAR] will erase the last letter in line.

3. Enter the telephone number and press [STORE] .
   Up to 32 digits can be saved.
4. Select the entry type. (Family, Friend, etc.)
5. An empty location displays automatically.
6. Press [STORE] to save the number in the location.
   To assign a different location, enter 2 digit location number and press [STORE] .

YꞮ‖‖ [MENU] ▢	STORE NAME ?

STORE
PHONE NUMBER ?

GROUP SELECT
            FAMILY
CHANGE: ◀▶ SEL:OK

MEMORY LOCATION
SPEED DIAL : [001]

NOTE: If you select the location in which a number has already been stored, "OVERWRITE?" will be displayed. Press [STORE] to overwrite or press [CLEAR] to go back to automatic location.

6. "CONFIDENTIAL ?" will be displays. Press [STORE] if no secret feature is necessary. To store the number in secret, select 'YES' by pressing ⬆ or ⬇ and press [OK].

NOTE: Secretly saved number will not be displayed unless the lock code is entered. One or two touch-dialing secretly saved number will prompt lock code entry.

S EARCHING FOR ENTRIES IN PHONEBOOK

You can search information stored in the phone book in various way and make a call directly from the phonebook.

Searching by Name

1. Press [MENU] ,[1](Phone book),[1] (Search), [1] (Name).
2. Enter all or part of the name and press [OK].
Example) Enter A and press [OK] to find all names that start with A.
3. The phone displays the memory location numbers along with the name of the first match.

NOTE: "NO NAME MATCHES" appears when there is no name matching with your entry.

4. Press ⬆ or ⬇ to search for the name you're looking for and press [OK] to display the number.

NOTE: "ENTER LOCK CODE" appears when you try to access secretly saved number. Enter lock code and press [STORE] .

5. Press [REDIAL] to dial the number displayed.

OVERWRITE ?
01 : AMIT

CONFIDENTIAL ?
                    NO
CHANGE: ◄► SEL:OK

SEARCH FOR
    NAME?
_

---

01 : SUNNY
05 : AMIT
08 : VISHAL

VISHAL
    02255558282

ENTER LOCK CODE
    ─ ─ ─ ─

CALLING....

        02255558282

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📟 Searching by Phone Number

1. Press [MENU] , [1] (Phone book), [1] (Search), [2] (Number).
2. Enter all or part of the number you remember and
   press [OK] .
3. The phone displays the memory location and names which
   contain your entry.

NOTE: "NO NUMBER MATCHES" appears when there is no
number matching your entry.

4. Press ▲ or ▼ to search for the name you're
   looking for and press [OK] to display the number.

NOTE: "ENTER LOCK CODE" appears when you try to
access secretly saved number.
Enter the lock code and press [OK] .

5. Press [REDIAL] to dial the number displayed.

```
📶     [MENU]     📖
        ERASE
    PHONE NUMBER
```

📟 Searching by Memory Location

1. Press [MENU] , [1] (Phonebook), [1] (Search), [3] (Location)
2. Enter the three-digit memory location. The phone displays the
   information of the memory location.

NOTE: "EMPTY LOCATION!" displays when you enter
location number that is empty.

3. Press [OK] to display the number.

NOTE: "ENTER LOCK CODE" appears when you try to
access secretly saved number.
Enter the lock code and press [OK] .

4. Press [REDIAL] to dial the number displayed.

```
📶     [MENU]     📖
LOOK UP
LOCATION        ???
```

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