axess•tel

PXQ20
Fixed Wireless Phone

User's Manual

INTRODUCTION

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

Axesstel CDMA 2000 Fixed Wireless Phone provides high quality and superior performance with many features such as excellent voice quality, World clock, Calculator, speaker phone, one-touch dialing and short message service. A large 3-line liquid crystal display provides a user-friendly interface for quick and easy-to-understand information display.

FEATURES

1. Speaker Phone with Hands-Free Dialing
2. Signal Strength Indicator
3. Redial
4. Volume Control
5. Rubber Keypad
6. Battery Power Backup
7. LCD Screen with Backlit
8. One-touch
9. Automatic Sending
10. Phone Book
11. Short Message Service
12. FM Radio with Programmable Preset (Optional)
13. World Clock and Calculator

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 clean the outside of the phone, use only a soft, dry cloth. The chemicals in alcohol, benzene 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 for the phone. 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 place the telephone near water, for example, near a bathtub, sink, wet basement, or swimming pool.

NOTE 1: The input and output voltages are indicated on the adapter.
(Input: AC 100~240V, 50~60 Hz, Output: DC 5.5V, 1A)

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   **4. User Manual**
2. Handset   **5. Antenna**
3. Power Adaptor   **6. Battery**
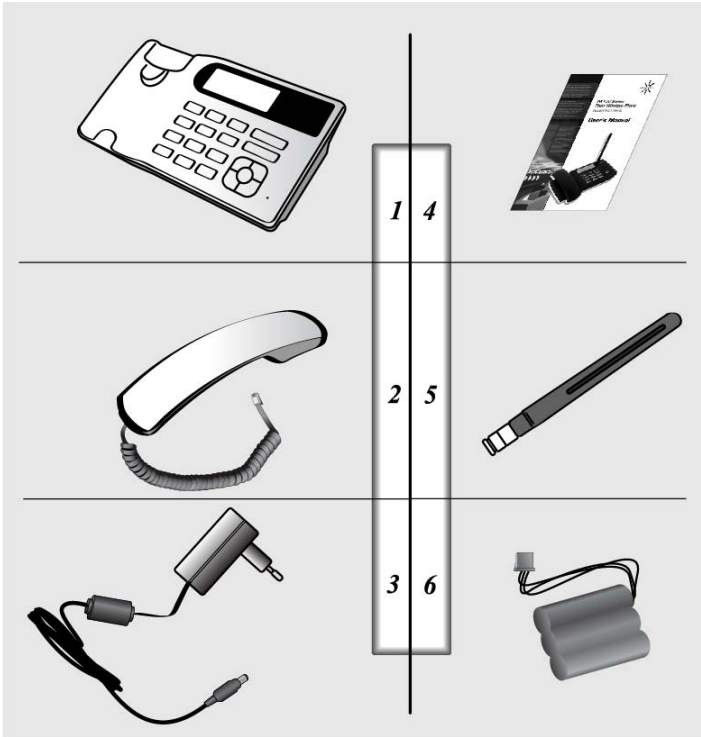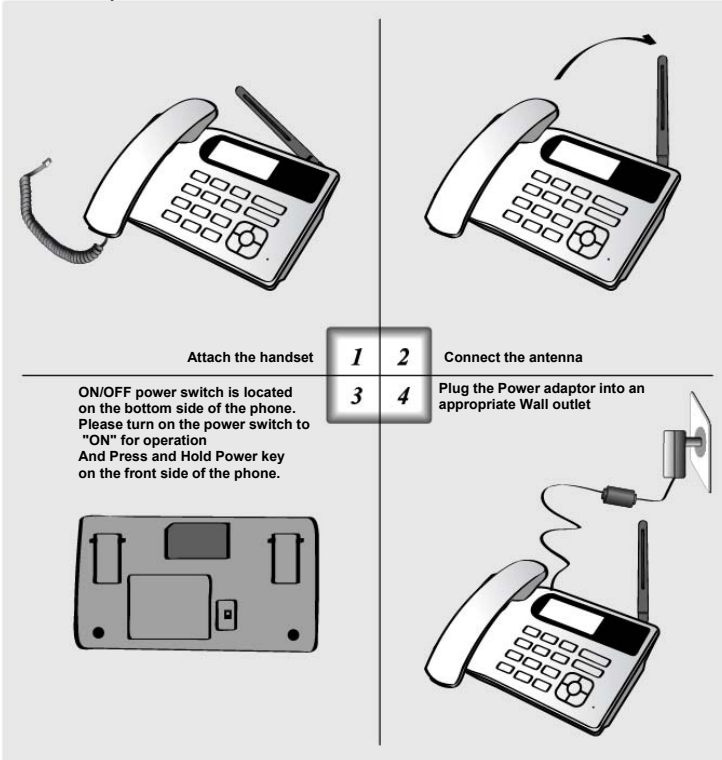
SETTING UP YOUR PHONE

Installing the phone
This phone operates by receiving DC power from the AXESSTEL power adaptor that 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

ON/OFF power switch is located on the bottom side of the phone. Please turn on the power switch to "ON" for operation And Press and Hold Power key on the front side of the phone.   **3**   **4**   **Plug the Power adaptor into an appropriate Wall outlet**

SETTING UP YOUR PHONE

Service Status Check

Display in the Service Area
When the power cord is connected properly,
all segments of the LCD window will turn on briefly.
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 32)

```
Y.ull
      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.
Also check if the antenna is connected

```
Y
      AXESSTEL
```

GETTING TO KNOW YOUR PHONE
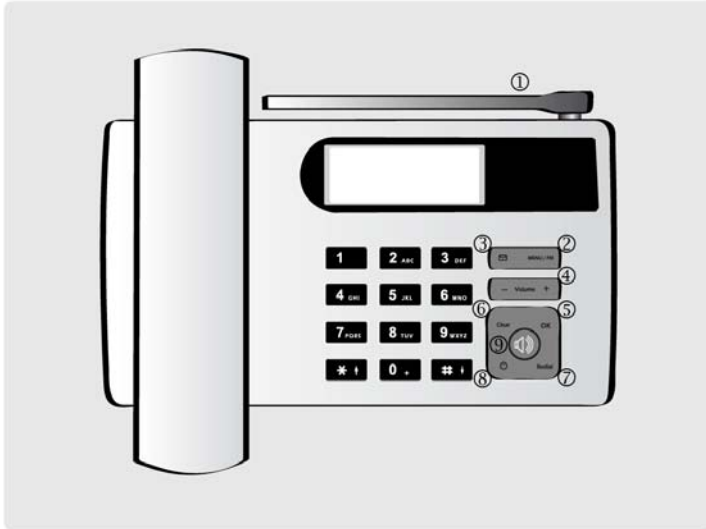
1. Antenna: Adjusting the position of antenna improves the sound quality of the call.

2. Menu/FM: Press to access the phone's menus.
Press and hold the key for a few seconds to start FM Radio. (Optional)

3. Message: Press to retrieve messages.

4. Volume Key(-, +): Let you adjust sound levels and scroll through the menu options and displays.

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

6. Clear: Lets you clear your last entry.

7. Redial: Allows you to redial the last number

8. Power On/Off: Press and hold the key for a few seconds to turn on or off your phone

9. Speaker Phone: Turn on or off the speaker phone feature

DISPLAY ICONS

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

Yᵢₗₗ 🔋 MENU 🔔 📖 ✉ ✆
AXESSTEL
THU 10/09 5:24P

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 text message or a voice mail message.

Indicates that a voice or data call is in progress.

FUNCTION KEYS

Press this key to retrieve messages.

Press this key to display the phone's main menu.
Press and Hold this key to turn on or off the FM radio.
If there is an incoming call or if the user attempts to make
an outgoing call while the FM radio is on, the FM radio turns off
automatically

Press this key to control the volume of keypad, earpiece
and speaker. In the menu mode, use this key to scroll through
the menu items.

Clears information from 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

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

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.

Press and hold this key for a few seconds to turn on or off your phone

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.

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Basic Operation

Making Calls
Redial
Receiving Calls
Adjusting Volumes
Choosing the Ring Tones
Message Service
FM Radio(Optional)

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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.
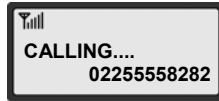
NOTE1: Modifying a phone number while dialing.
- To erase the last digit entered: Press **<CLEAR>**.
- To erase the entire number: Press **<CLEAR>** and hold.
- To input symbol "+" : Press <0> and hold

NOTE2: Automatic calling
The phone was programmed to place a call automatically 4~10 seconds after last
digit entry. To disable automatic calling or change the delay time.
1. Press **<MENU>** , **<0>** , **<1>.**
2. Press **<VOLUME KEY>**(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.

Y.ull
PLEASE DIAL

Y.ull
CALLING.... 02255558282

REDIAL

Redial the last number you dialed.

1. Pick up the handset or press **<SPEAKER>**.
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.

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RECEIVING CALLS

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

1. Simply pick up the handset or press **<SPEAKER>** to answer the call.
2. To disconnect, replace the handset or press **<SPEAKER>**.
NOTE: When the ringer volume is set to 'Silent', the phone does not ring. Only the "Incoming Call" message blinks.

```
Yₐₗₗ
INCOMING CALL
    123-456-7890
```

When the Caller ID service is activated.
 Call 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 linked together in the phone book, the caller's name is displayed. Contact your service provider to activate this feature.
NOTE: If the call is not answered, the phone displays the "Missed Call" message with the call arrival date and time.

```
Yₐₗₗ
INCOMING CALL
      AMIT
```

```
Yₐₗₗ
  MISSED  1CALL
  THU 10/09 2:56P
```

13
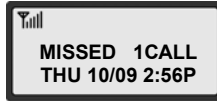
ADJUSTING VOLUMES

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

Adjusting key tone volume
  Press **<VOLUME KEY>** repeatedly until it reaches proper volume.

Adjusting external speaker volume
  Press **<VOLUME KEY>** repeatedly during hands free call to adjust external speaker volume.

Adjusting earpiece volume
  Pick up the handset and press **<VOLUME KEY>** repeatedly during a phone call to adjust earpiece volume.

Adjusting ring volume
  1. Press **<MENU> , <5> , <3>.**
  2. Press **<VOLUME KEY>(**or **<*>** , **<#>)** to adjust ringer volume.
  3. Press **<OK>** to save.
  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.

Display
Tₐₗₗ KEY VOLUME ▬ ▬ ■ ■
Tₐₗₗ SPEAKER VOLUME ▬ ▬ ■ ■
Tₐₗₗ EARPIECE VOLUME ▬ ▬ ■ ■
Tₐₗₗ RING VOLUME ▬ ▬ ■ ■

CHOOSING THE RING TONES

You can choose from twenty different ring tones.

  1. Press **<MENU> , <5> , <2>**.
  2. Press **<VOLUME KEY>** (or **<*>, <#>**) to select ring type.
  3. Press **<OK>** to save.

Display
Tₐₗₗ RING TONE ▶ TONE # 1

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MESSAGE SERVICE

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

Sending New Text Messages
1. Press **<MESSAGE>** . Press **<1>**(New Message).
2. Write message using the keypad. Toggle between uppercase, Lowercase, and numeric by pressing **<MESSAGE>** button.
3. Press **<OK>.** Press <**2**> (Send).
4. Enter destination number and press **<OK>**.
5. Once the destination number has been entered, the message will be sent.
NOTE: To change default message options, access Message option menu.

```
Y.ill

1: NEW MESSAGE
2: INBOX
```

```
Y.ill

PHONE NUMBER
123_
```

```
Y.ill

HELLO_
```
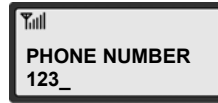
Sending Saved Text Messages
1. Press **<MESSAGE> , <5>**(Saved MSG).
2. Select message to resend with **<VOLUME KEY>** (or **<*>, <#>**) and press **<OK>.**
3. To edit the message press **<MESSAGE>**.

```
Y.ill

SENDING...
    PLEASE WAIT...
```

Sending New Text Messages using Templates
1. Press **<MESSAGE>**. Press **<4>** (Templates).
2. Press **<VOLUME KEY>**(or **<*>, <#>**) to view and select the desired template.
3. Press <**OK**> to insert that template into the message body.
4. Continue to type in the rest of the message.
5. Press <**OK**>. Press <**2**> (Send).
6. Enter destination number and press <**OK**>.

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Received Text Message
1. When text message arrives, e.g. 'MESSAGE! 10/12 4:04PM' displays shortly and appears in the icon line.
2. Press **<MESSAGE>** ,**<2>**(Inbox).
3. Press **<VOLUME KEY>** (or **<*>, <#>**) to select message you want to see and press **<OK>**.
4. The message, arrival time and call back number (if available) Is displayed. If the message is long, it will be scrolled down in 3 seconds automatically.
To scroll up and down manually,
press **<VOLUME KEY> (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 **<MESSAGE>**.

```
            MESSAGE!
            10/12 4:04 P
```

```
1: NEW MESSAGE
2: INBOX
```

```
▶ 1: SUNNY
   2: 0123456789
```

```
10/12  4 : 04 PM
FROM:0123456789
```

Delete Text Message
1. After reading the **<MESSAGE>**, Press **<VOLUME KEY>** to erase the message.
2. Press **<OK>** to confirm erase.

```
            ERASE MSG?
            ▶       YES
```

```
          THE MESSAGE
           IS ERASED
```
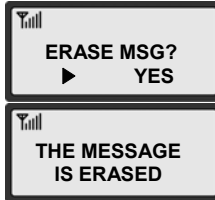
Retrieving Voice Messages
1. When voice messages arrive, e.g. "VOICE MSG" 10/12 4:04 PM" shortly appears and **<SMS ICON>** appears in the icon line.
2. Press **<MESSAGE>** ,**<3>**(Voice MSG) or press **<OK>** to view message directly.
3. Press **<REDIAL>** to dial voice mail service center.

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

```
3: VOICE MSG    ▼
4: TEMPLATES
```

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Erasing All Messages
1. Press **<MESSAGE> , <7>**(Erase MSG).
2. Select 'YES' with **<VOLUME KEY>** (or **<*>, <#>**).
3. Press **<OK>**.

```
Yull
    ERASE ALL?
    ▶        YES
```

Setting/Releasing Message Alert
1. Press **<MESSAGE>, <8>**(MSG Option), **<1>**(MSG Alert).
2. Select ON or OFF with **<VOLUME KEY>**(or **<*>, <#>**).
3. Press **<OK>**.
NOTE: While the message alert is set, the phone will alert
        user when messages arrive.

```
Yull
    MESSAGE ALERT
    ▶          ON
```

Saving Sent Message
1. Press   **<MESSAGE>**, **<8>** (MSG Option), **<5>** (Save Sent MSG).
2. Select "ON" or "OFF" with **<VOLUME KEY>** (or **<*>**, **<#>**).
3. Press **<OK>**.
   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 **<MESSAGE>** , **<8>** (MSG Option), **<4>** (MSG Priority).
2. Select "NORMAL" or "URGENT" with **<VOLUME KEY>** (or **<*>**, **<#>**).
3. Press **<OK>**.

Setting Message Auto Delete
1. Press **<MESSAGE>** , **<8>** (MSG Option), **<6>** (Auto Delete).
2. Select "ON" or "OFF" with **<VOLUME KEY>** (or **<*>**, **<#>**).
3. Press **<OK>**.
   When Auto Delete is enabled, the phone will automatically delete oldest received
   messages in INBOX in case of full memory.

FM Radio (Optional)

Using FM Radio
1. Press and hold **<MENU/FM>** 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**<VOLUME KEY>** to change the volume.
5. To stop FM Radio, Press **<MENU/FM>**.
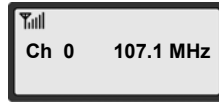
NOTE 1: If the phone FM radio is ON and you lift the phone handset or there is an
          incoming call, the FM Radio stops automatically, switching to the phone mode.
          Also pressing **<SPEAKER>** to use Speaker phone stops the FM Radio.
NOTE 2: Power cord acts as FM Radio Antenna. For best reception, plug in the power
          Cord to the phone while listening to FM Radio.

```
Tull

Ch  0        107.1 MHz
```

PROGRAMMING and USING PRESET
10 programmable presets are available.
1. Press**<MENU/FM>** to toggle between normal and preset modes.
2. In "Preset Mode" the preset channel number and frequency
   appear.
3. In "Preset Mode", press **<*>** or **<#>** to change from
   one preset channel to another
4. In "Normal Mode", only the channel frequency appears.
   Press**<*>** or **<#>** to increase or decrease the frequency.
   Press and hold **<*>** or **<#>** to scan the next channel frequency**.**
5. In "Normal Mode", press and hold Number key to store the radio channel
   at the Number position.

```
Tull

          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.

18

Phone book

Internal phone Book
Storing in phonebook
Searching for Entries in Phonebook
Erasing an Entry in Phonebook
Erasing all Entries in Phonebook
One-Touch Dialing
Two-Touch Dialing

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INTERNAL PHONE BOOK

**Your phone has an internal "Phone Book" in which you can store
up to 150 frequently used names and numbers.**

STORING IN THE MEMORY PHONEBOOK

1. Press **<MENU>**, **<1>**.
2. Enter the name by pressing the alphanumeric keypad
   and pressing **<OK>** after completed.

NOTE1: If you do not want to enter a name. just press
<OK> here. The number will be saved as
"No Name".

NOTE2: Name entry is limited to maximum of 16 letters.

Y.ill
NAME ?
_

Y.ill
PHONE NUMBER ?
_
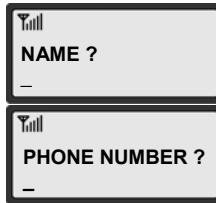
How to Enter &Edit Texts

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 uppercase, lowercase, and numeric characters by pressing
<MESSAGE>.
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 **<OK>**.
   Up to 32 digits can be saved.
4. An empty location displays automatically.
   Press **<OK>** to save the number in the location.
5. To assign a different location, enter 2 digit location number and press **<OK>**.

NOTE:
If you select the location in which a number
has already been stored, "OVERWRITE?" will be
displayed. Press **<OK>** to overwrite or press
to go back to automatic location.

6. "CONFIDENTIAL?" will be displays. Press **<OK>**
   if no secret feature is necessary. To store the number in
   secret, select 'YES' by pressing **<VOLUME KEY>**
   (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.

Y.ill
MEMORY LOCATION
SPEED DIAL : [01]

Y.ill
OVERWRITE ?
01 : SUNNY

Y.ill
CONFIDENTIAL ?
NO
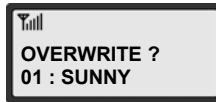
SEARCHING FOR ENTRIES IN PHONEBOOK

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).

```
Yₐₗₗ

NAME ?
_
```

2. Enter all or part of the name and press **<OK>**.
Example) Enter A and press **<OK>** to find all names

```
Yₐₗₗ
▶ 01 : LATA
   02 : VISHAL
```

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.

```
Yₐₗₗ
        LATA
    022255558282
```

4. Press **<VOLUME KEY>** (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 **<OK>**.

```
Yₐₗₗ

ENTER LOCK CODE

            _ _ _ _
```

5. Press **<REDIAL>** to dial the number displayed to make a call.

```
Yₐₗₗ
CALLING....
        02255558282
```

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Searching by Phone Number
1. Press **<MENU>** (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 NAME MATCHES" appears when there is no number matching your entry.
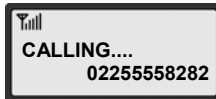4. Press **<VOLUME KEY>** (or **<*>**, **<#>**) to search for the name you're looking for and press **<OK>** to display the number.

NOTE: "ENTER LOCK CODE" appears when you try to access secretly saved number. Enter lock code and press **<OK>**.
5. Press **<REDIAL>** to dial the number displayed.

```
Tıll

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: "INVALID LOCATION!" displays when you enter location number that is empty.
3. Press **<OK>** to display the number.

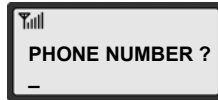**NOTE:** "ENTER LOCK CODE" appears when you try to access secretly saved number. Enter lock code and press **<OK>** .
4. Press **<REDIAL>** to dial the number displayed.

```
Tıll

LOOK UP
LOCATION      ??
```

ERASING AN ENTRY IN PHONEBOOK

To Erase a Specific Number
1. Press **<MENU>**, **<1>** (Phonebook) and **<3>** (Erase).
2. Press one of search options, **<1>** (Name),
   <2> (Number) or **<3>** (Location).
3. Enter name, address, or phone number according to
   search option.
4. Select an item to erase by pressing **<VOLUME KEY>**
   (or **<*>**, **<#>**) and pressing **<OK>**.
NOTE: "ENTER LOCK CODE" appears when you try to
   access a secretly saved number.
   Enter the lock code and press **<OK>**.
5. Press **<OK>**. again to erase.
6. Press **<OK>**. again to confirm.
   To cancel, press **<CLEAR>**.

```
Yull

NAME ?
_
```

```
Yull

▶ 01 : AMIT
  03 : SUNNY
```

```
Yull

   AMIT
 02255558282
```

```
Yull

ERASE?    #01
     02255558282
```

```
Yull

   - ERASED -
```
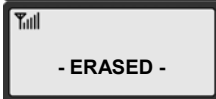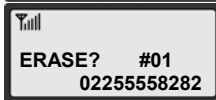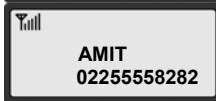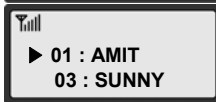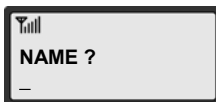
ERASING ALL ENTRIES IN PHONEBOOK

To Erase All Numbers in Phonebook
1. Press **<MENU>**, **<8>** (Security)
2. Enter lock code.
NOTE: Lock code is set as 0000 from the factory.
   To change lock code see page 34.
3. Press **<7>**(Erase Names).
4. Press **<OK>** to confirm.

```
Yull

ENTER LOCK CODE
           _ _ _ _
```

```
Yull
ERASE ALL NAMES
            YES
```

23
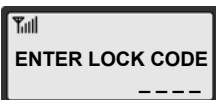
ONE-TOUCH DIALING

Memory locations 01 ~ 09 are special one-touch dialing locations. You can dial the numbers stored in 01~09 by pressing just one key.
1. Pick up the handset or press **<SPEAKER>**.
2. Press and hold the number of the location (1~9) containing the number to be called for a moment.
3. The name and the phone number will appear and the phone dials the number automatically.

NOTE: Location 1 may be preprogrammed as emergency number or voice mail. Please check with your service provider.

```
Tꓲ

MEMORY 1
AMIT
```

```
Tꓲ

CALLING....
         02255558282
```

TWO-TOUCH DIALING

Memory locations 10 ~ 99 are two-touch dialing locations. You can dial the numbers stored in 10~99 by pressing the first digit and pressing and holding the second digit.
1. Pick up the handset or press **<SPEAKER>.**
2. Briefly press the first digit of the memory location number, then press the second digit and hold it down for a moment.

Example) To dial location 23, briefly press the **<2>**, Then press **<3>** and hold for a moment.
3. The phone number stored displays and dials automatically.

NOTE1: When you try one-touch or two-touch dialing for the number secretly saved, the phone will prompt for Lock code entry.
Enter the lock code to make a call.

NOTE2: "EMPTY LOCATION" displays when you try one-touch or two-touch dialing with empty location number.

```
Tꓲ

MEMORY 23
AMIT
```

```
Tꓲ

CALLING....
         02255558282
```

24

Useful Features

Call History
Displaying Your phone Number
Setting up Your LCD
Mute
Selecting Time Mode
Setting Time Mode
Checking and Clearing Call Times
Setting Warning Alerts

CALL HISTORY

**Your phone stores the last 30 outgoing calls, incoming, and missed
Calls combined (only when Caller ID function is activated).
You can display and redial these numbers.**

Redialing Outgoing Calls
1. Press **<MENU>**, **<3>** (Call History), **<3>** (Outgoing)
NOTE: If there's no outgoing call history.
     "OUTGOING CALL MEMORY EMPTY!" displays.
2. Press **<VOLUME KEY>**(or **<*>**, **<#>**) to select number
  to redial.
3. Press **<REDIAL>** to redial the number.
NOTE1: Press **<OK>** to see time and date of the call
    made. Then press **<REDIAL>** to redial the number
    or press **<OK>** again to save the number
    in memory
NOTE2: To redial the last number called. Just pick up the
    handset and press **<REDIAL>**.

Redialing Incoming Calls
1. Press **<MENU>**, **<3>** (Call History), **<2>** (Incoming).
NOTE: If there's no incoming call record.
    "INCOMING CALL MEMORY EMPTY!" displays.
2. Press **<VOLUME KEY>** or **<*>**, **<#>** to select number to
  redial.
3. Press **<REDIAL>** to redial the number.
NOTE1: Press **<OK>** to see time and date of the call arrival.
    Then press **<REDIAL>** to redial the number or press
    <OK> again to save the number in memory.
NOTE2: Incoming history is available only when caller ID is activated.

Redialing missed Calls

To display a list of missed received calls.
1. Press **<MENU>**, **<3>** (Call History), **<1>**(Missed Call).
NOTE: If there's no missed call record, 'MISSED CALL MEMORY EMPTY!" displays.
2. Press **<VOLUME KEY>**(or **<*>**, **<#>)** to select number to redial.
3. Press **<REDIAL>** to redial the number.
NOTE1: Press **<OK>** to see time and date of the call arrival. Then press **<REDIAL>**
    to redial the number or press **<OK>** again to save the number in memory.
NOTE2: Missed history is available only when caller ID is activated.

26
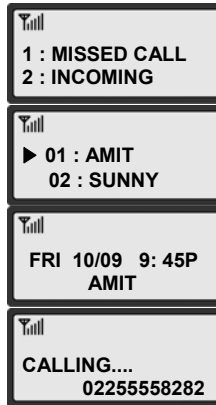
**Erasing Call History**
1. Press **<MENU>**, **<8>** (Security).
2. Enter lock code.
 NOTE: Lock code is set as 0000 from the factory.
   To change lock code see page 34
3. Press **<6>** (Erase Logs).
4. Press **<1>** (Outgoing Clear).
5. Press **<OK>** to confirm.
 Erasing missed and all logs use the same steps.

```
Yııll
ENTER LOCK CODE
            _ _ _ _
```

```
Yııll
ERASE OUTGOING
             YES
```

Call Timer Display
1. Toggle Call Timer Display.
2. Press **<MENU>**. Press **<7>** (Configuration).
3. Press **<1>** (Call Timer).
4. Scroll to select ON or OFF.
5. Press **<OK>** to confirm.

DISPLAYING YOUR PHONE NUMBER

Displaying Your Phone Number
1. Press **<MENU>**, **<7>** (configuration).
2. Press **<6>** (My phone Number).

```
Yııll
MY PHONE NUMBER
    02255558282
```

SETTING UP YOUR LCD

Set Timing for your LCD Back Light
1. Press **<MENU>**, **<7>** (configuration).
2. Press **<3>** (Back Light).
3. Press **<VOLUME KEY>**(or **<*>**, **<#>)** to set how long
  your phone waits before the backlight turns off.

```
Yııll
    BACK LIGHT
 ►   10 SECONDS
```

Setting your LCD Contrast
1. Press **<MENU>**, **<7>** (configuration).
2. Press **<4>** (Contrast).
3. Press **<VOLUME KEY>** or **<*>**, **<#>** to select contrast.

```
Yııll
      CONTRAST
 _ _ ■ ■ ■
```

MUTE

This feature lets you mute the microphone, so that the other party cannot hear your voice or the sound of your surroundings. This function is only available during conversation.
 1. Press **<MENU>**, **<1>**(Mute / Un-Mute) during conversation. The message 'MUTE' blinks to indicate the function is working. The other party can no longer hear you, but you can hear them.
 2. Press **<MENU>**, **<1>** again to resume the conversation.

```
 Yull
      MUTE
     02255558282
```

SELECTING TIME MODE

 1. Press **<MENU>, <4>**(Time)**, <5>**(Time Mode)**.**
 2. Select the time display mode by pressing **<VOLUME KEY>** (or **<*>** , **<#>**).
    AM/PM: Display 0~12 hours with A or P indicator
    24 Hour: Display 00~24 hours
 3. Press **<OK>** to save the change.

```
 Yull
      TIME MODE
   ▶        AM/PM
```

SETTING THE ALARM

You can set the alarm sound daily or one time only.
 1. Press **<MENU>, <4>**(Time), **<1>**(Alarm).
 2. Select "ON" by Pressing **<VOLUME KEY>** (or **<*>**, **<#>**) and Press **<OK>**.
 3. Enter alarm time and press **<OK>**.
 4. Select alarm mode by pressing **<VOLUME KEY>** (or **<*>**, **<#>**) and press **<OK>**.
    Daily: Alarm sounds daily.
    One time: Alarm sounds once.
 5. Enter the duration of the alarm by pressing **<VOLUME KEY>** (or **<*>**, **<#>**) and press **<OK>**.
    A bell icon appears in icon line. On alarm time, the icon and "ALARM TIME" message blinks and alarm activates. Press any key to stop the alarm.
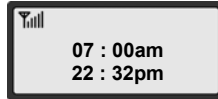
Canceling the Alarm Time
 1. Press **<MENU>**, **<4>**(Time), **<1>**(Alarm).
 2. Select "OFF" by pressing **<VOLUME KEY>** (or **<*>**, **<#>**) and press **<OK>** to store the setting.

```
 Yull
        ALARM
   ▶           ON
```

```
 Yull
      07 : 00am
      22 : 32pm
```

```
 Yull
      ALARM MODE
   ▶         DAILY
```

```
 Yull
   ALARM SOUND TIME
               1 MINUTE
```

CHECKING AND CLEARING CALL TIMES

Checking the Last call Time
1. Press **<MENU>**, **<4>** (Time), **<2>**(Last Call).
2. Press **<CLEAR>** to exit the display.

Checking Accumulated Incoming Call Time
1. Press **<MENU>**, **<4>** (Time), **<3>**(Total Time),
   <1> (Incoming).
2. Press **<CLEAR>** to exit the display.

Checking Accumulated Outgoing Call Air Time
1. Press **<MENU>**, **<4>** (Time), **<3>**(Total Time),
   <2> (Outgoing).
2. Press **<CLEAR>** to exit the display.
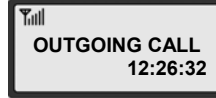
Reset Accumulated Call Time
1. Press **<MENU>**, **<4>** (Time), **<4>** (Clear Call Time).
2. Press **<STORE>**.

Y.ull
LAST CALL TIME
3:25

Y.ull
INCOMING CALL
3:25

Y.ull
OUTGOING CALL
12:26:32

Y.ull
CLEAR CALL TIME
YES?

29

SETTING WARNING ALERTS

You can set your phone to sound warning beeps that indicate:
  - Each minute you are on a phone call
  - When you are out of the service area

Setting/Releasing 1 Minute Alert
  1. Press **<MENU>**, **<5>** (Sound), **<4>** (1 Min Alert).
  2. Select ON or OFF by pressing **<VOLUME KEY>**(or **<*>**,**<#>**).
  3. Press **<OK>**.
  NOTE: When 1 minute alert is set, the phone gives alert sound
          each minute while you are on a phone call.

```
Tₐₗₗ

1 MINUTE ALERT
▶            OFF
```

Setting/Releasing Service Alert
  1. Press **<MENU>**, **<5>** (Sound), **<5>**(Service Alert).
  2. Select ON or OFF by pressing **<VOLUME KEY>**
     (or **<*>**, **<#>**).
  3. Press **<OK>**.
  NOTE: When service alert is set, the phone gives alert sound
          when the phone is acquiring or loses the service signal.

```
Tₐₗₗ

SERVICE ALERT
▶            OFF
```
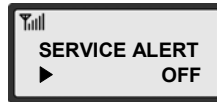
Setting/Releasing Connection Alert
  1. Press **<MENU>**, **<5>** (Sound), **<7>** (Connect Alert).
  2. Select ON or OFF by pressing **<VOLUME KEY>**
     (or **<*>**, **<#>**).
  3. Press **<OK>**.
  NOTE: When service alert is set, the phone gives alert sound
          When the call has been connected to the number dialed.

```
Tₐₗₗ

CONNECT ALERT
▶             ON
```

Setting/Releasing Voice Privacy Alert
  1. Press **<MENU>**, **<5>** (Sound), **<8>**(VP Alert).
  2. Select ON or OFF by pressing **<VOLUME KEY>**
     (or **<*>**, **<#>**).
  3. Press **<OK>**.
  NOTE: When Voice privacy alert is set, the phone gives alert
          sound when the voice privacy is on.

```
Tₐₗₗ

VOICE PRIV ALERT
▶             ON
```

Advanced Features

Changing Greeting Message
System Reset
Restricting Use of the Phone
Locking / Unlocking the Phone
Changing the Lock Code
World Clock
Calculator

CHANGING GREETING MESSAGE

This feature lets you change the greeting message that the phone displays during standby mode.

1. Press **<MENU>**, **<7>** (Configuration).
2. Press **<2>**(Greeting). Current greeting displays.
3. Press **<OK>** to change greeting.
4. Enter your new greeting message with alphanumeric keys
NOTE: Press **<MESSAGE>** to switch between capital and
     lower case
    Example) to enter "My Phone"
    Press **<6>, <9>, <9>, <9>, <#>, <7>, <MESSAGE>,**
    <4>, <4>, <6>, <6>, <6>, <6>, <6>, <3>, <3>.
5. Press **<OK>** to save change.

```
Tull
1: CALL TIMER      ▼
2: GREETING
```

```
Tull

MY Phon_
```

```
Tull
        MY Phone
FRI    10/10    1:24A
```

SYSTEM RESET

To reset your phone settings to manufacture's defaults, follow these steps:
1. Press **<MENU>**, **<8>** (Security).
2. Enter lock code.
NOTE: Lock code is set as 0000 from the factory.
       To change lock code see page 34.
3. Press **<8>** (Factory Reset).
4. Select "YES" by pressing **<VOLUME KEY>** (or **<*>**, **<#>**).
5. Press **<OK>**.
6. "PHONE INTIALIZATION" blinks while the phone is
   resetting.

```
Tull

FACTORY RESET
          YES
```

```
Tull
       PHONE
   INTIALIZATION
```

To reset your phone settings to manufacture's defaults and clear all user data, follow these steps:
1. Press **<MENU>**, **<8>** (Security).
2. Enter lock code.
NOTE: Lock code is set as 0000 from the factory.
      To change lock code, see page 34.
3. Press **<9>** (Phone Reset).
4. Select "YES" by pressing **<VOLUME KEY>** (or **<*>**, **<#>**).
5. Press **<OK>**.
6. "PHONE INTIALIZATION" blinks while the phone is resetting.

32

RESTRICTING USE OF THE PHONE

You can restrict the use of the phone by unauthorized persons

Restricting Outgoing Calls
1. Press **<MENU>**, **<8>** (Security).
2. Enter lock code.
   NOTE: Lock code is set as 0000 from the factory.
   To change lock code, see page 34.
3. Press **<3>** (Restrict), **<1>** (Outgoing).
4. Select 'ON' by pressing **<VOLUME KEY>** (or **<*>**, **<#>**).
5. Press **<OK>** to save change.
   In this mode, when you try to call, "OUTGOING
   CALL RESTRICTED" displays and no outgoing call
   goes through.

```
Y.ull
1: OUTGOING    ▼
2: INTERNATIONAL
```

```
Y.ull
OUTGOING CALL
▶            ON
```

```
Y.ull
OUTGOING CALL
RESTRICTED
```

Restricting International Calls
1. Press **<MENU>**, **<8>** (Security).
2. Enter lock code.
3. Press **<3>** (Restrict), **<2>** (International).
4. Select 'ON' by pressing **<VOLUME KEY>** (or **<*>**, **<#>**).
5. Press **<OK>** to save change.
   In this mode, when you try to make an international
   call (headed by 00), "INTERNATIONAL RESTRICTED"
   displays and no outgoing goes through.

```
Y.ull
INTENATIONAL
▶            ON
```

```
Y.ull
INTERNATIONAL
RESTRICTED
```

LOCKING / UNLOCKING THE PHONE

**You can lock your phone so that calls cannot be made by unauthorized
Persons. You can still receive incoming calls. Turning the phone off does
not unlock the phone; the phone stays in locked mode until you change it.**

1. Press **<MENU>**, **<8>** (Security).
2. Enter lock code.
3. Press **<4>** (Auto Lock).
4. Select 'ON' or 'OFF' by pressing
   <VOLUME KEY> (or **<*>**, **<#>**).
5. Press **<OK>** to save the change.
   NOTE1: When locked, the phone displays "LOCKED".
   NOTE2: When locked, you have to enter the lock code to make a call.
   NOTE3: You can still receive incoming calls.

```
Y.ull
- LOCKED -
FRI   10/11   2:44P
```

33
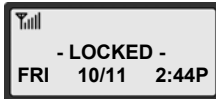
CHANGING THE LOCK CODE

The lock code is preset to 0000 from the factory.
You can Change the lock code to any 4 digit number.

1. Press **<MENU>**, **<8>** (Security).
2. Enter lock code.
3. Press **<1>** (Change Code).
4. Enter your new lock code.
NOTE: The lock must be four numeric digits.
5. Press **<OK>**.
6. Re-enter new lock code for verification.
7. Press **<OK>** to confirm.
NOTE: CODE NOT MATCHED TRY AGAIN!" displays
        if the second entry does not match the first entry.

```
Yull

ENTER NEW CODE
                _ _ _ _
```

```
Yull

CONFIRM NEW CODE
                _ _ _ _
```

WORLD CLOCK

Allows you to check the current major cities around the world.

The screen shows the city name, current date and time.

1. Press **<MENU>**, **<6>** (Utility), **<1>** (World Clock).
2. Select the city corresponding to your time zone by pressing **<VOLUME KEY>**(or **<*>**, **<#>**).
3. The local date and time are displayed.

```
Yull

1: WORLD CLOCK
2: CALCULATOR
```

```
Yull

        San Diego
FRI    10/10      1:24A
```

CALCULATOR

Using this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions: addition, subtraction, multiplication and division.

1. Press **<MENU>**, **<6>** (Utility), **<2>** (Calculator).
2. Enter the first number using the numeric keys.
3. Use **<*>**, **<#>** to select a sign for calculation.
4. To calculate the result, press the **<OK>**.

```
Yull

1: WORLD CLOCK
2: CALCULATOR
```

```
Yull

253+35
=288
```

Optional Features

Call Forwarding
Call Waiting
Three-way Calling

Call Forwarding

Call Forwarding is a feature that lets you forward your incoming calls to another phone number, even if your phone is turned off or is in no service area. Contact your service provider to activate Call Forwarding.

Call Waiting

Call Waiting alerts you to a second incoming call while you are on the conversation. When there's another incoming call, you will hear warning beep. To respond to the call waiting, press **<REDIAL>** or hit shortly the hook switch once.
Pressing **<REDIAL>** again or hitting the hook again will let you go back to the first call. Contact your service provider to activate Call Waiting.

Three-Way Calling

Three-Way Calling is a feature that lets you set up a three-way conversation with two different parties. While you're in conversation with a party, hit the hook switch and place another call with the third party. Then press **<REDIAL>** or hit the hook switch again to connect the three parties together.
Contact your service provider to activate Three-Way Calling.

Miscellaneous

**Menu Table
Specification**

MENU OPTION TABLE

I	II	III	Explanation
1. PHONEBOOK	SEARCH	NAME	Used when searching for a phone number in the phone book by name/number/stored memory number
		NUMBER	
		LOCATION	
	STORE		Used when storing a phone number and name in the phone book
	ERASE	NAME	Used when erasing a phone number in the phone book
		NUMBER	
		LOCATION	
2. MESSAGES	NEW MESSAGE		Send a new message
	INBOX		Received SMS messages
	VOICE MSG		SMS Services
	TEMPLATES		Open pre-saved templates
	SAVED MSG		Shows sent and failed messages
	DRAFT MSG		Shows stored new typed messages
	ERASE MSG		Erase received messages
	MSG OPTION	MSG ALERT	Set message alert
		MSG ALERT TYPE	Set message alert type
		SET REMINDER	Set message reminder
		MSG PRIORITY	Set default message priority
		SAVE SENT MSG	Auto-save sent messages
		AUTO DELETE	Auto-Delete received messages If INBOX is full
		EDIT TEMPLATE	Edit default templates
3. CALL HISTORY	MISSED CALL		Stores missed incoming calls
	INCOMING		Stores phone numbers of calls received recently
	OUTGOING		Stores phone numbers called recently
4. TIME	ALARM		Alarm On / Off
	LAST CALL		Shows time duration of last call
	TOTAL TIME	INCOMING	Shows accumulated incoming call time
		OUTGOING	Shows accumulated outgoing call time
	CLR CALL TIME		Resets accumulated call time
	TIME MODE	AM / PM	Time: AM/PM display mode
		24 HOURS	Time: 24 Hours display mode
5. SOUND	RING TYPE		Determines whether the phone alerts the incoming call with sound or only with message
	RING TONE		Selects the ring type
	RING VOLUME		Adjust ring volume
	1 MIN ALERT	ON / OFF	Beeps at one minute interval during conversation
	SERVICE ALERT	ON / OFF	Beeps when the phone is getting out of or entering service area
	ALARM TONE	ALARM TONE	Selects alarm sound
	CONNECT ALERT	ON / OFF	Beeps when the call is connected
	VP ALERT	ON / OFF	
6. UTILITY	WORLD CLOCK		Shows time around the world
	CALCULATOR		Use the phone as Calculator
7. CONFIGURATION	CALL TIMER	ON/OFF	Toggles call timer display
	GREETING		Change greeting
	BACK LIGHT	Always off/ 10,30,60 seconds/ Always on	Set timing for back light
	CONTRAST		Set LCD Contrast

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	LANGUAGE		Select your language
	MY PHONE #		Show your phone number
8. SECURITY	CHANGE CODE		Change Lock code
	EMERGENCY #		Show your emergency #
	RESTRICT	OUTGOING	Restrict outgoing calls
		INTERNATIONAL	Restrict international calls
		LONG DISTANCE	Restrict long distance calls
	AUTO LOCK	ON / OFF	Lock the phone
	VERSION		Show phone information
	ERASE LOGS	OUTGOING	Erase outgoing calls history
		INCOMING	Erase incoming calls history
		MISSED	Erase missed calls history
		ALL CALL	Erase all calls history
	ERASE NAMES		Erase all phonebook entries
	FACTORY RESET		Reset to default settings
	PHONE RESET		Reset to default settings and clears user data

SPECIFICATIONS

Frequency Range	Rx: 869 ~ 894 MHz Tx: 824 ~ 849 MHz
Channel Bandwidth	CDMA 1.25 MHz
Stability of frequency	0.4 ppm
External appearance (mm)	205 x 115 x 59 mm
Weight	515 g (without battery)
Sending output	maximum 0.23W E.R.P
Temperature of operation Relative humidity	-20 ~ +50 degrees Celsius 5% ~ 90%
Adapter	Input: AC 100~240V 50~60Hz Output: DC 5.5V/1A
Battery	Standby	1.6mA (Slot Cycle Index: 2) 72 hours
	Talk	2 Hours

SAR INFORMATION

THIS MODEL PHONE MEETS THE GOVERNMENT'S
REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. *

Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the when worn on the body , as described in this user guide, is 1.22 **W/Kg** . (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can

be found under the Display Grant section of http://www.fcc.gov/ oet/fccid after searching on **FCC ID:** PH7PXQ20.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Asso-ciation (CTIA) web-site at http://www.wow-com.com. * In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a sub-stantial margin of safety to give additional protection for the public and to account for any variations in measurements.

SAFETY INFORMATION FOR RF EXPOSURE

Body worm operation

This device was tested for typical body-worn operations with the back of the phone kept 20 mm. from the body. To maintain compliance with FCC RF exposure requirements, use similar accessories that maintain a 20 mm. separation distance between the user's body and the back of the phone,including the antenna. The use similar accessories should not contain metallic compon-ents in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Safety Information

1 . SAFETY INFORMATION FOR FIXED WIRELESS TERMINALS
.POTE NTIALLY EXPLOSIVE ATMOSPHERES
Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cauls e an explosion or fire resulting in bodily injury or even death.

INTERFERENCE TO MEDICAL DIVICES
Certain electronic equipment may be shielded against RF signal from you wireless phone. (pacemakers, Hearing Aids, and so on) Turn your phone OFF in health c are facilities when any regulations posted in these areas instruct you to do so. RF signals may affect improperly installed or inadequately shielded electronic system in motor vehicles.

.EXPOSURE TO RF ENERGY
Use only the supplied or an approved replacement antenna. Do not touch the antenna unnecessarily when the phone is in use. Do not move the antenna close to, or couching any exposed part of the body when making a call.

FCC Compliance Information

This device complies with Part 15 of FCC Rules.
Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) This device must accept any interference received.
    Including interference that may cause undesired operation.

U.S.A.

U.S.FEDERAL COMMUNICATIONS COMMISSION
RADIO FREQUENCY INTERFERENCE STATEMENT

INFORMATION TO THE USER

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful Interference in a residential installation This equipment generates, uses, and can radiate radio frequency energy and, if Not installed and used in accordance with the instructions, may cause harmful Interference to radio communications. However, there is no guarantee that interference will not occur in a particular Installation. 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 separation between the equipment and receiver.

*- Connect the equipment into an outlet of a circuit different from that to which the receiver is connected.

*- Consult the dealer or an experienced radio/TV technician for assistance.

Changes or modification not expressly approved by the party responsible for Compliance could void the user's authority to operate the equipment. Connecting of peripherals requires the use of grounded shielded signal cables.