

Appendix F – USER’S Manual

GSM Phone

USER MANUAL

MODEL : BPP-UP110c

Please read this manual carefully before
operating your handset.

Retain it for future reference

Draft Version (04 / 20 / 2006)

FCC RF EXPOSURE INFORMATION

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 using the optional belt-clip/holster placed 0.7 inches (1.8cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.7 inches (1.8cm) must be maintained between the user's body and the phone, including the antenna, whether extended or retracted. The use of third-party belt-clips/holsters with no metallic components that provide the minimum separation distance of 0.7 inches (1.8cm) can be used to satisfy FCC RF exposure requirements. The use of non-tested accessories or other body-worn operations may not comply with FCC RF exposure requirements and should be avoided. Contact your local dealer for optional accessory items.

Vehicle Mounted External Antenna (optional, if available.)

A minimum separation distance of 7.9 inches (20cm) must be maintained between a person and the vehicle mounted external antenna to satisfy FCC RF exposure requirements.

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Safety

Precautions

Read these simple guidelines. Failure to comply with them may be dangerous or illegal. For more detailed safety information, see "Safety Information"

Road safety comes first

Do not use a hand-held phone while driving; park the vehicle first. Remember that in some countries, it is illegal to use a hand-held phone while driving.

Switch off when refueling

Do not use the phone at a refueling point (service station) or near fuels or chemicals.

Switch off in aircraft

Wireless phones can cause interference. Using them on aircraft is both illegal and dangerous.

Switch off in hospital

Follow any regulations or rules. Switch phone off near medical equipment.

Respect special regulations

Follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger (in a hospital for example).

Interference

All wireless phones may be subject to radio interference, which may affect their performance.

Use qualified service

Only qualified service personnel must repair equipment.

Use sensibly

Use only in the normal position (to ear). Do not touch the antenna unnecessarily when the phone

is switched on.

Emergency calls

Ensure the phone is switched on and in service.

Enter the emergency number (911 or another official emergency number) and press the key. Give your location. Do not end the call until told to do so.

Non-Ionizing Radiation

No part of the human body is allowed to come too close to the antenna during operation of the equipment.

IMPORTANT! Use only approved accessories and batteries.

The use of any other power accessory will invalidate any approval or warranty applying to the phone, and may be dangerous.

When you disconnect the power cord of any accessory, grasp and pull the connector, not the cord.

In addition, you can obtain the following accessories for your phone from your local dealer:

- Hands-free car kit
- Slim, Standard, and Extended Li-Ion batteries
- PC Synch Software

Unpacking

Your package contains the following items.

Phone

Battery

Travel Adapter

Ear-micro phone

User Manual

Your Phone

Part of Your Phone

The following illustration shows the main elements of your phone.

Front View

Earpiece

Navigation /Hot keys

Right soft key

End/Power on-off key

Display

Left soft key

Send keys

Alphanumeric keys

Microphone

Speaker

Earphone jack

Display

LED

Rear View

Hand strap hole

SIM card socket

Battery terminals

Battery Lock

Cable connector slot

Display

The display comprises three areas.

Icons

Text and graphic area

Text indications

Area Description

First line displays various icons (see next page).

Middle line Display messages, instructions and any information that you enter (number to be dialed, for example). Last line shows the functions currently assigned to the two words.

Icons

Signal strength: Shows the received signal strength. The greater the number of bars shows, the better the signal is strong.

No Service: Appears when you are outside a service area. With it displayed, you cannot make or receive calls. Wait a little while for a better signal or move into an open area to regain the service.

New Message: Indicates that there is a new message waiting to be checked. (VS indicates voice mails, and SMS means text messages.)

Alarm: Appears when you set an alarm.

Vibration mode: Appears when the ring volume for calls is set to Vibrate.

Battery status: Shows the level of your battery. The more bars you see, the more power you have left.

a given period of time.

To specify the length of time the phone waits before the backlight turns off, set the Backlight menu.

Backlight

The display and keypad are illuminated by a backlight. When you press any key, the backlight illuminates. It turns off if no key is pressed within

Getting Started

Installing a SIM Card

When you subscribe to a mobile network, you are provided with a plug-in SIM card loaded with your subscription details (PIN, optional services available and so on).

1. If necessary, switch the phone off to press and hold down the <End: Power> key.
2. Remove the battery. To do so:

After pushing the lock button, pull the battery cover toward outside.

Lift the battery away, as shown.

3. Insert the SIM card ensuring that the cut corner is at the top right and the gold contacts of the card face into the phone.

4. Reinstall the battery. To do so:

Place the battery so that the tabs on it align to the connectors at the inside of the phone.

Close the battery cover until it clicks into place. Make sure that the battery is properly installed before switching on the phone.

Charging a Battery

Your phone is powered by a rechargeable Li-ion battery.

A travel adapter and a desktop charger are provided with your phone. Use only approved batteries and chargers. Ask your local dealer for further details.

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Note: You must fully charge the battery before using your phone for the first time. The phone can be used while the battery is charging.

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Charging the Battery Alone

To charge the battery alone, use the desktop charger unit.

1. Open the cover of the desktop charger.
2. Insert the battery alone into the slot making sure that the terminals on the battery contact to the terminals on the slot.
3. Push down the battery until you hear a click.
4. Insert the lead of the travel adapter into the connector socket of the desktop charger.
5. Connect the adapter to a standard AC wall outlet.
6. The color indication of the LED on the charger is as follows:
 - Red : charging
 - Blue : fully charged
7. When charging is finished (the LED turns in green), unplug the power cord of the adapter from the AC outlet and remove the battery from the charger.

Charging the Battery with the Phone

You can use the phone while charging by charging the battery attached to the phone.

1. With the battery in position on the phone, connect the lead from the travel adapter to the connector at the bottom of the phone.
2. Connect the charger to a standard AC wall outlet.
3. When charging is finished (the LED turns in green), disconnect the adapter from the power outlet and from the phone.

Low Battery Indicator

When the battery charge level gets low, you can see an empty battery icon at the top right of the display and a text notification.

Empty
battery icon

If the battery level gets too low, the phone will turn off automatically. Unfortunately, if this happens, you'll lose whatever you are doing, including dropping your call. Watch the battery strength icon and make sure your battery is adequately charged.

Switching the Phone On / Off

1. Press and hold down the <End: Power>key for more than one second to switch the phone on.
2. If the phone asks for a password, enter the password. For details on the phone password, see Password
3. If PIN code request of your SIM card is enabled, your phone asks you to enter the PIN code. Enter the PIN code, then your phone connects to the GSM network.

The 3 lights on the cover of the phone flashes, and an alert sounds. When the system locates services, you can see the following idle screens on the main and front LCD respectively.

If the phone is out of service, the <Call>icon and 'No Service' appear in the display. In this case, you cannot place and receive calls. You can try again later when service is available.

4. When you wish to switch the phone off, hold down the<End: Power> key for more than two seconds

WARNING!

Do not switch on the phone when the mobile phone use is prohibited or when it may cause interference or danger.

Your Phone's Mode Standby Mode

Standby is the most basic state of your phone.

The phone goes into Standby mode soon after you turn it on, or whenever you briefly press the<End: Power>key. When your phone is in Standby mode, you will typically see the current date and time.

If you enter a phone number, you can press the<Send> key to dial it, or press the **Save** soft key to save it in the internal Phonebook.

Press the <End: Power> key at any time to return to Standby mode. Be careful; if you are on a call when you press the <End: Power> key, you will return to Standby mode, but it also disconnects the call.

Press the **C** or **Back** soft key several times or hold it down to return to Standby mode without ending the call.

Talk Mode

You can place and answer calls only when your phone is turned on. During a call, the phone is in Talk mode. While you are in Talk mode, pressing <Soft Left key> gives you a list of options referred to as "In-Call Options."

Call Functions

Making a Call

To make a call, proceed as follows:

1. In Standby mode, enter the area code and phone number.

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Note: When entering the number, pressing and holding down the key inserts a pause. The number after a pause will be sent a few seconds after dialing the first number.

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2. Press the<Send> key. The phone places the call to the entered number.

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Note: If you have set Auto Redial menu (Menu 4-6-3) to **On** and when nobody answers to you or the line is busy, the phone automatically retries to make the call.

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Correcting the Number

To clear...	Then press...
The last digit	the C soft key displayed
Any other digit in the number	the <Navigation Left>or <Navigation Right > key until the cursor is immediately to the right of the digit to be cleared. Press the C soft key. You can also insert a missing digit simply by pressing the appropriate key.

The whole display hold down the **C** soft key for more than one seconds.

Ending a Call

When you have finished your call, press the <End:Power> key.

The call time (length of the call) displays with the number of the called party. If the number is stored in your Phonebook, the name is displayed. If there is no match in Phonebook, you can press the **Save** soft key and store the number to the Phonebook. For further information on storing the number in the Phonebook, see [Phonebook] menu.

Or, simply close the phone to end a call.

Making International Calls

1. Press and hold down the **O** key.

The + appears in display.

2. Enter the country code, area code, and phone number, then press the<Send> key to begin dialing.

Making a Call from the Phonebook

You can store the phone numbers called regularly in memory, called Phonebook. You then simply recall the number to dial. For further information refer to [Phonebook] menu.

Redialing the Last Number

To redial the number you dialed last, press the<Send>key twice.

Your phone stores up to 30 last numbers you dialed in Call Records. To recall any of these numbers, refer to 'Dialed No.' on [Call Records] part.

Adjusting the Volume

During a call, if you want to adjust the voice volume, go to Sound menu of the phone. You can select in Low, Medium, High and Increasing.

Answering a Call

When somebody calls you, the phone alerts you by ring, blinking service light and the following screen on the display.

If you have subscribed the Line Identification Service (contact your service provider) and the caller can be identified, the caller's phone number (or name if stored in your Phonebook) is displayed.

1. To answer a call, press Answer key of the phone.
If the phone is set to **Any-Key answer**, you can answer a call by pressing any key except the<End : Power> key.
If the menu is set to **Send Key Only**, you must press the <Send> key to answer the call.
2. End the call by pressing the <End : Power> key.

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Note: You can answer a call while using the Phonebook or menu features. The current operation will be interrupted.

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Viewing Missed Calls

If you are unable to answer a call for any reason, you can find out who was calling you, if this service is available. In this way, you can call the person back, if necessary.

The number of missed calls is displayed on the idle screen immediately after the call was missed.

The number corresponding to the most recent missed call is displayed, if available.

To...	Then press the...
Scroll through the missed calls	<Navigation Up> or <Navigation Down> key.
Call the number Displayed	<Send>key.
Edit or delete a missed call number	Opt soft key (see the following paragraphs).

Editing a Missed Call Number

1. Press the **Opt** soft key.
2. When **Edit** is highlighted, press the **SELECT** soft key.
3. Change the number as required.
4. **To...** **Then press the...**

Call the number <Send> key.

Store the number **Save** soft key and enter
the name and select
location required (for
further details, refer to
[Call Records])

Deleting a Missed Call

1. Press the **Opt** soft key.
2. Press the <Navigation Up> or <Navigation Down> key to highlight the **Delete** option.
3. Press the **SELECT** soft key.

You can press the <End : Power> key at any time to exit the Missed Call feature.

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Note: You can access the Missed Calls feature at any time by selecting the **Missed No.** menu in Call Records.

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Quick Switching to Vibration Mode

You can quickly switch your phone to the vibration mode with a touch of the key.

In Vibration mode, Your phone alerts you an incoming call by vibrating the phone instead of ringing.

Press and hold the <*>key until the Vibration Mode icon and 'Vibrate' appears in the display. Your phone goes to the vibration mode

immediately.

Press and hold the <*> key again to return to bell mode.

This feature is convenient when you are in a hurry to mute the phone sound (in a theater, for example).

In-Call Options

Your phone provides a number of functions that you can use during a call. You may not utilize all of these functions at all times. Many of the in-call options are for network services.

Putting a Call on Hold

You can place the current call on hold whenever you want. By doing this, you can make or receive another call while you have a call in progress if this service is supported by the network.

To make a call while you have a call in progress, proceed as follows.

1. Press the **Opt** soft key to enter In-Call Options.
2. When Hold Call is highlighted, press the **SELECT** soft key to put the current call on hold.
3. If there is a waiting call, press the<Send> key to answer the call.

If you want to make a call, dial the number in normal way.

Retrieving a Call

If you have a call already on hold, you can retrieve that call.

1. Press the **Opt** soft key to enter In-Call Options.
2. Select **Retrieve Call** by pressing the <Navigation Up> or <Navigation Down> key

press the **SELECT** soft key.

The held call is activated.

Swapping Between Two Parties

When there are an active call and a held call, this menu places the active call on hold and the held call on active. You may swap between the two parties back and forth.

1. Press the **Opt** soft key to enter In-Call Options.
2. Select **Swap Call** by pressing the <Navigation Up> or <Navigation Down> key, press the **SELECT** soft key.
3. Repeat steps 1 and 2 as required.

Making a Conference Call

Conference Call allows up to six people to take part simultaneously in a call.

Making a Conference Call

1. During a call, dial a phone number, and press the <Send>key. The first call is put on hold.
2. To join the previous participant in the call, press the **Opt** soft key and then enter In-Call Options.
3. Select **Conference Call** by pressing the <Navigation Up> or <Navigation Down> key and press the **SELECT** soft key.
4. To add more participant to the call, repeat steps 1 to 2, and Select **Add Conference Call** by pressing the<Navigation Up> or <Navigation Down> key and press the **SELECT** soft key.

Dropping One Participant

1. During a conference call, in the list of call participants, highlight the required person, by pressing the <Navigation Up> or <Navigation Down> key, followed by the **Opt** soft key and choose the Conference Call option.

2. Select **Private** by pressing the <Navigation Up> or <Navigation Down> key and press the **SELECT** soft key.

The call is ended with that participant, but you can continue to talk with the other participants.

3. To end the conference call, close the phone or select **Disconnect** by pressing the <Navigation Up> or <Navigation Down> key and press the **SELECT** soft key in in-Call Options.

Disconnecting the Calls

When you have an active call and the held call, you can disconnect the calls at one time.

1. Press the **Opt** soft key to enter In-Call Options.
2. Select **Disconnect** by pressing the <Navigation Up> or <Navigation Down> key and press the **SELECT** soft key.
3. Select the desired call you want to disconnect by pressing the <Navigation Up> or <Navigation Down> key.

- **Active Call**: disconnects the call which is currently activated.

- **Held Call**: disconnects the call which is currently on hold.

- **All Call**: disconnects all calls which are currently connected with you.

4. Press the **SELECT** soft key.

Muting the Microphone

You can temporarily switch your phone's microphone off, so that the other party cannot hear you.

Example: You wish to say something to another person in the room but do not want the other party to hear you.

To switch the microphone off temporarily, proceed as follows.

1. During a call, press the **Opt** soft key to enter In-Call Options.
2. Press the <Navigation Up> or <Navigation Down> key to highlight Mute.
3. Press the **SELECT** soft key.

Your correspondent can no longer hear you.

To switch the microphone back on, proceed as follows.

1. Press the **Opt** soft key to enter In-Call Options.
2. Press the <Navigation Up> or <Navigation Down> key to highlight **Unmute**.
3. Press the **SELECT** soft key.

Your correspondent can hear you again.

Using the Message Service

Your phone can receive an incoming message during a call. You can read it immediately without disconnecting the call. Also, you can send a message during a call.

1. Press the **Opt** soft key and select **Call Message** by pressing the <End : Power> key.
2. Press the **SELECT** soft key

The phone enters the Message menu. Refer to [Messages] menu.

Net Service

These menu functions are network services.

Please contact your service provider to check their availability and subscribe to them, if you so wish.

Call Divert

This network service enables incoming calls to be rerouted to the number that you specify.

Example: You can:

- systematically divert fax calls to your office fax machine.
- divert voice calls to your colleague if you are already using the phone.

You can specify individual diverting options for each of the following call types:

- **Voice calls**
- **All data calls**
- **All fax calls**

after selecting the item, you can select the service.

Example: You may wish to divert your business calls to a colleague while you are on holiday.
Call diverting can be set up in the following ways.

All Calls: all calls are diverted.

If Busy: calls are diverted if you are already making another call.

If No Answer: calls are diverted if you do not answer the phone.

Cancel All: all call diverting options are cancelled.

The current status is displayed. To Divert activate or deactivate, press <Navigation Up> or <Navigation Down> and **SELECT** Soft Key.

1. To...	Then...
Activate call diverting	• Select Set and Press the SELECT soft key. • Go to step 2.
Change the call number	• Select Set and Press the SELECT soft key. • Go to step 2.
Deactivate	• Select Cancel and Press the SELECT call diverting soft key.

2. Enter the number to which the calls are to be diverted and press the **SELECT** soft key.

To enter the international code, press the **0** key until the + sign is displayed.

The phone sends your settings to the network and the network's acknowledgement is displayed.

You can deactivate all call diverting settings by selecting the **Cancel All** option.

Call Barring

The call barring network service allows you to restrict your calls.

First you can select the item among below ones. You can specify individual barring options for each of the following call types:

- **Voice calls**
- **All data calls**
- **All fax calls**

Call barring can be set up in the following ways.

All: calls cannot be received or made.

Outgoing: calls cannot be made.

International: international calls cannot be made.

Int exp. Home: when abroad, calls can be made only to numbers within the current country and to your home country, that is the country where your home network provider is located.

When Roam: calls cannot be received when you are using your phone outside your home service area.

Cancel All: all call barring settings are deactivated; calls can be made and received normally.

You can specify individual barring options for each of the following call types:

- Voice calls
- All data calls
- All fax calls

To set your call barring options, proceed as follows.

1. Select the type of calls to be barred by pressing the <Navigation Up> or <Navigation Down> key until the appropriate option is highlighted and then press the **SELECT** soft key.
2. Select the type of call barring required by pressing the <Navigation Up> or <Navigation Down> key until the appropriate option is highlighted and then press the **SELECT** soft key.
3. Press the **Activate** soft key to confirm your settings.
4. Enter your call barring password supplied by your service provider.

The phone sends your settings to the network and the network's acknowledgement is displayed.

To deactivate specific call barring settings, proceed as follows.

1. Select the type of call to which this option applies.
2. Select the call barring option to be deactivated.
3. Press the **Deactivate** soft key.
4. Enter your call barring password supplied by your service provider.

The phone sends your settings to the network and the network's acknowledgement is displayed.

You can also deactivate all call barring settings by selecting the **Cancel All** option.

You can set and change the call barring password obtained from your service provider using the **Password Change** option. You must enter the current password before you can specify a new

one. Once you have entered a new password, you are asked to confirm it by entering it again.

Call Waiting

This network service enables you to be informed when someone is trying to reach you during another call.

You can specify the call waiting option for voice calls only.

To set your call waiting options, proceed as follows.

The screen informs you whether call waiting is activated or deactivated.

- You can activate or deactivate the call waiting feature as necessary using the **Activate** or **Deactivate** soft key respectively.

Send My Caller ID

You can send your phone number to the designated phone when making a call so that the recipient can see your phone number.

Note: Some networks do not allow the user to change this setting.

The following options are available.

Off: your number is not displayed on the other party's phone.

On: your number is sent each time you make a call and displays on the other party's phone.

Network Selection

The Network Selection feature enables you to indicate whether the network used when roaming (outside your home area) is selected automatically or manually.

Note: You can select a network other than your home network only if it has a valid roaming agreement with your home network.

To indicate whether the network is to be selected automatically or manually when roaming, proceed as follows.

1. Press the <Navigation Up> or <Navigation Down> key until the appropriate option is highlighted and then press the **SELECT** soft key.

If you select **Automatic**, you are connected to the first available network in the preferred list when roaming.

If you select **Manual**, the phone scans for the available networks. Go to Step 2.

2. Press the <Navigation Up> or <Navigation Down> key until the preferred network is highlighted and then press the **SELECT** soft key.

You are connected to that network.

Phonebook

You can store phone numbers and their corresponding names in the memories of your SIM card and the phone. You can store up to 500 and 200 entries respectively the SIM card and phone memories, although physically separate, are used as if they were a single entity, called the Phonebook.

Storing a Phone Number with a Name

1. Key in the number to be stored.

Note: If you make a mistake while entering a number, correct it using the **C** key. For further details, refer to eZi text input.

2. When you are sure that it is correct, press the **Save** soft key.

3. Enter the corresponding name up to 20 characters.

For information on how to enter a name, see eZi text input.

If necessary, press the <Navigation Down>key to highlight the Number field and edit the number.

4. When you are satisfied, press the **SELECT** soft key.

5. Press the <Navigation Left> or <Navigation Right> key to select the desired memory location from **Phone** and **SIM Card**.

6. Press the **SAVE** soft key to store the name and

number.

Speed-Dialing from Phonebook

Once you have assigned speed-dial allocation to the Phonebook entries (refer to 'Speed Dials' in Phonebook options), you can dial the number with one key press. Speed-dialing will save you entering all digits of the number.

To speed-dial a number, press and hold down the appropriate key 2 to 9 in Standby mode.

Note: Memory location 1 is reserved for your Voice Mail server number.

Using Phonebook Options

In Standby mode, Names appears above the right soft key to allow you to access the Phonebook. The Phonebook provides you with the various options.

Accessing the Options

To access the various Phonebook options, proceed as follows.

1. In Standby mode, press the **Names** soft key.

The first available option is highlighted.

- | | |
|---------------------------|-----------------------------|
| 2. To... | Then press the... |
| Select highlighted option | the SELECT soft key. |

- | | |
|------------------------------|---|
| Highlight a different option | the <Navigation Up or Down> key one or more times until the required option is highlighted. |
|------------------------------|---|

Exit the Phonebook	Back soft key or the <End : Power> key.
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The Selectable Options

Search All

This option lists all Phonebook entries by name.

- Press the <Navigation Up> or <Navigation Down> key until you find the desired entry.

Then, press the <Send> key to dial the number or press the **Option** soft key for more details.

Search

This option allows you to find an entry by its name.

Add Entry

This option allows you to create a new entry.

Enter the desired name and number, then select memory location.

Copy

This option allows you to copy the selected entry from the phone memory to the SIM memory and vice versa.

1. Press the <Navigation Up> or <Navigation Down> key to select where the entry will be copied, **SIM -> Phone** or **Phone -> SIM**. Then, press the **SELECT** soft key.

2. Select the desired one from the following options using the <Navigation Up> or <Navigation Down> key and press the **SELECT** soft key.

- **One by One**: allows you to copy a selected entry one by one to another place
- **Copy All**: to copy all entries in the memory location to another place.

3. When your phone confirms your selection, press the **SELECT** soft key to copy the entry or the

Back soft key to cancel copying.

Move

This option allows you to move the selected entry from the phone memory to the SIM memory and vice versa.

1. Press the <Navigation Up> or <Navigation Down> key to select where the entry will be moved, **SIM -> Phone** or **Phone -> SIM**. Then, press the **SELECT** soft key.

2. Select the desired one from the following options using the <Navigation Up> or <Navigation Down> key and press the **SELECT** soft key.

- **One by One**: allows you to move a selected entry one by one to another place
- **Copy All**: to move all entries in the memory location to another place.

3. When your phone confirms your selection, press the **SELECT** soft key to move the entry or the

Back soft key to cancel copying.

Delete All

This option allows you to delete all entries in SIM card or Phonebook memory.

Select the desired memory location. When a confirming message appears, press the **SELECT** soft key. If you want to cancel, press the **Back** soft key.

Memory Status

You can check how many names and numbers are stored in the Phonebook (SIM card and phone memories).

Speed Dials

Using this option, you can assign a speed dial location to the desired entries. You can assign up to 8 entries (2 to 9). For more details on speed-dialing, see [Phonebook] menu.

To add speed dial allocation, do as follow:

1. Press the <Navigation Up> or <Navigation Down> key to find the desired location and press the **OK** soft key.
2. Press the <Navigation Up> or <Navigation Down> key to find the desired entry and press the **OK** soft key.

To change or delete speed dial allocation, do as follows:

1. Press the <Navigation Up> or <Navigation Down> key to select the desired speed dial entry and press the **Opt** soft key.
2. The phone shows the name and number of the entry. press the **SELECT** soft key.
3. Press the <Navigation Up> or <Navigation Down> key to select the desired option and press the **SELECT** soft key.

- **Change**: allows you to change the speed dial number of the selected entry. Enter the desired entry number.
- **Delete**: allows you to delete the selected entry. When a confirming message appears, press the **SELECT** soft key to delete.

Group

You can set the phone to ring in a specific way When a particular person calls you.

To do so, you must:

- Define your caller groups. You can define up to 10 caller groups.
- Assign the numbers in the Phonebook to the appropriate group.

To add and define a caller group, do as follows:

1. Select an empty group to be defined by pressing the <Navigation Left> or <Navigation Right> key. And press the **Option** soft key.
2. Enter a name of the group and press the **SELECT** soft key. The group is added.
3. When the new group is highlighted, press the **Opt** soft key.
4. When Member List is highlighted, press the **SELECT** soft key.
5. Press the <Navigation Up> or <Navigation Down> key to select **Join Member** and press the **SELECT** soft key.

Join Member option allows you to add an existing Phonebook entry. Select an entry from the list.

To delete a caller group, do as follow:

1. Select the group to be deleted by pressing the <Navigation Left> or <Navigation Right> key and press the **Opt** soft key.
2. Press the <Navigation Up> or <Navigation Down> key to select **Delete All** and press the **SELECT** soft key.
3. When your phone confirms your selection, press the **SELECT** soft key to delete the selected group or the **Back** soft key to cancel deleting.

To change the name a caller group, do as follows:

1. Select the group to be deleted by pressing the

<Navigation Left> or <Navigation Right> key

and press the **Opt** soft key.

2. Press the <Navigation Up> or <Navigation Down> key to select **Rename Group** and press the **SELECT** soft key.

3. Edit the name of the group as your reference, and press the **SELECT** soft key.

Own Number

This feature allows you to:

- Store your own phone numbers registered on your SIM card with a name
- Edit the names and numbers

This function is a memory aid, which you can use to check your own phone numbers if you need to do so. Any changes made here do not in any way affect the actual subscriber numbers on your SIM card.

1. Press the **SELECT** soft key.
2. Enter a name and press the **SELECT** soft key.

For further details refer to entering text part

3. Enter the number and press the **SELECT** soft key.

Once you have stored the numbers, you can see the number list when you access this option.

Press the **Opt** soft key and the following options are available:

Add: allows you to add your number with a name.

Edit: allows you to edit the name of the selected number.

Delete: allows you to delete the selected number from the list

Recent Call

Via this menu, you can view the following submenus:

- **Outgoing Call**
- **Incoming Call**
- **Missed Call**
- **Call Timer**
- **Last Call**
- **Incoming Calls**
- **Outgoing Calls**
- **All Calls**

The number and name (if available) are given, together with the date and time at which the call was made.

To view all call records include incoming, Outgoing, Missed Call, press the <**Send**> key in Standby mode.

Outgoing Call

This option lets you view the last 30 numbers which you recently dialed regardless they are successfully connected or not.

Whenever you scroll to call record list,

You can View details on the call in the bottom of screen.

To...

Scroll to the desired

Press the...

<Navigation Up> or

<Navigation Down>

Make a call

<Send> key.

Exit the call record

Back soft key one or more times or <End : Power>key.

When you view details on the number, press the **Opt** soft key and the following options are available:

Store Number:

Allows you to save the number into your Phonebook.

Send Message :

Allows you to send SMS to the number.

Delete: Deletes the selected number.

When a confirmation message, press the **Right** soft key.

Delete All : Delete all number in the selected menu.

When a confirmation message, press the **Right** soft key.

Incoming Call

This option lets you view the 30 numbers which you recently received. Your phone records these numbers only if you subscribe the Line identification service.

Missed Call

This option lets you view the 30 numbers which you recently received, but failed to answer. Your phone records these numbers only if you subscribe the Line identification service.

Call Timer

This option inform user of call time duration information and consists of Last Call, Incoming Calls, Outgoing Calls, All Calls submenu.

Last Call

allow you to view the latest call duration.

Incoming Calls

Allow you to view total call duration about Incoming calls

Outgoing Calls

Allow you to view total call duration about Outgoing calls

All Calls

Allow you to view total call duration about Incoming, Outgoing call when you view call duration information, if you press right soft key, you can reset call duration information.

Messages

The SMS (Short Message Service) function is a network service and may not be supported by your network.

Messages can be sent by text, e-mail and paging messaging systems, provided that these services are supported by your network. To send text messages by phone, you must obtain the number of the SMS centre from your service provider. Your phone can store up to 20 incoming and outgoing messages. If the message memory is full, an error message is displayed and you cannot receive or save any new messages. If then, you should delete obsolete messages in [**In Message**] menu in [**Message**].

To access the Messages menu, press the key in Standby mode.

Write Messages

Via this menu, you can write text messages of up to 160 alphanumeric characters and for Chinese 70 characters are allowed.

1. When accessing this menu, the following options are available.
 - **Send**: sends the message immediately. Enter the message and then input a number or search the stored number
 - **Save**: allows you to save the message so that it can be sent later. You can read the message in your Out Message.
2. Create the message as needed. For further details on how to enter text, see below. See [Ezi Text Input].
3. Input the full number, press **Select** soft key or You can also find the stored number by

pressing **Search** key and then use <Navigation Up / Down> key. If you find out the number, press **SELECT** soft key

4. Before sending the message, the phone will check the SMS Center number. If the number is not stored, you can send the message after inputting the number.

Out Message

Out Message stores the messages that you have already sent or will send.

When you enter this menu, you can see the first stored message. Scroll to the desired message by using the <Navigation Left or Right> key and scan through the message by pressing the <Navigation Up> or <Navigation Down> key.

Press the **Edit** soft key to edit the message text or use the options.

While viewing a message, you can choose the following options, by pressing the **Opt** soft key:

Send: sends the selected message.

Save: saves the selected message if you have changed.

Extract Number: extracts a number from the message if it has, so that you can call the number or save it in the Phonebook.

Delete: deletes the selected message from Out Message.

Delete All: deletes all messages stored in Out Message. When a confirming message appears, press the **SELECT** soft key to remove them or the **Back** soft key to cancel deleting.

In Message

In Message stores the messages that you have received.

When you received a new message, 'Received Message' and New message icon () appears in display.

To read the message immediately, press the **SELECT** soft key.

Once you enter this menu, you can see the last received message. Scroll to the desired message by using the <Navigation Left> or <Navigation Right> key scan through the message by pressing the <Navigation Up> or <Navigation Down> key.

Press the **Opt** soft key to use the following options.

While viewing a message, you can choose the following options, by pressing the **Opt** soft key:

Reply: allows you to send a reply message to the sender.

Forward: allows you to forward the selected message to another phone number.

Extract Number: extracts a number from the message if it has, so that you can call the number or save it in the Phonebook.

Delete: allows you to delete the selected message.

Delete All: deletes all messages stored in Out Message.

When a confirming message appears, press the **SELECT** soft key to remove them or the **Back** soft key to cancel deleting.

Memory Status

This menu shows you the status of memory for messages regardless of Out Message or In Message. You can see the number of the stored messages and the total number of the message the phone can store.

Setting

Via this menu, you can set up default SMS information.

The following options are available:

service Cent: allows you to store or change the number of your SMS centre required when sending messages. You must obtain this number from your service provider.

Validity: allows you to set the length of time for which your text messages will be stored at the message centre while attempts are made to deliver them to you. 1 hour, 6 hours, 12 hours, 1 day, 2 days, 1 week, and Max are available. Selecting Max stores the message as long as defined in SMS center.

SMS Alert: allows you to set how many times and how often the phone alerts you the incoming messages. If you do not want to be alerted, select OFF. If you select One Time, the phone will alert you just one time when a messages comes in. If you select Periodic, the phone will alert you at every predefined times.

Status Report: allows you to activate or deactivate the report function. When this function is activated, the network informs you whether your message has been delivered or not. When you receive Status Report, it is automatically displayed on the screen. If the

message is so long and cannot display all in a screen, scroll through it by pressing the <Navigation Up> or <Navigation Down> key. Your phone will store it until a new message of the channel is reached.

GSM: allows you to set GSM/CSD mode.

Cell Broadcast

Cell Broadcast messages are text messages broadcasted by the network to groups of GSM phone users. They provide general information such as weather reports, traffic news, and stock market prices. Each type of information has an associated information type number.

When you receive broadcast message, it is automatically displayed on the screen. If the message is so long and cannot display all in a screen, scroll through it by pressing the <Navigation Up> or <Navigation Down> key. Your phone will store it until a new message of the channel is reached.

The following options are available.

Activate: allows you to enable or disable the reception of broadcast messages. Select ACTivate to receive the broadcast messages or Deactivate not to do.

Read: lets you view the last received messages.

NEW: allows you to indicate the channels from which you wish to receive broadcast messages by adding the CB message category in the phone or SIM memory.

Several options are available.

LIST: View the channel from the list

Delete: used to remove a channel from the list by <Right> key.

CB Alert: allows you to set how many times and how often the phone alerts you the incoming CB messages. If you do not want to be alerted, select OFF. If you select One Time, the phone will alert you just one time when a messages comes in. If you select Periodic, the phone will alert you at every predefined times.

Call Voicemail

Using this menu, you can listen to your voice Messages.

.....
Note: To quickly connect to the voice server, press and hold down the 1 key.
.....

Voice Mail

If your phone stores voice message center address, it calls automatically, otherwise, asks to enter the number.

Voice Mail is a network feature. Please contact your service provider for more information.

Set Voice Mail

allows you to store or change the number of your Voice message centre required when listening to your voice messages. You must obtain this number from your service provider.

Entering Text

When using your phone, you will need to enter text at many times. For example, when storing a name in the Phonebook, creating a greeting note, writing a text message or scheduling events in your calendar.

The following text input modes are available.

- **Ezi Pinyin:** allows you to enter the Chinese characters using their pinyin, the phonetic system.
- **Ezi Stroke:** allows you to enter the Chinese characters using their Strokes.
- **Ezi English:** allows you to enter the English letters by pressing each key once for each character. The words are predicted along along with other candidates that fit the letters typed thus far.
- **Ezi ABC:** allows you to enter letters by pressing the key labeled with the desired letter once, twice, or three times until the letter appears on the display.
- **Ezi 123:** allows you to enter numbers.
- **Symbol:** allows you to enter the symbols or punctuation marks.

.....

Note: All text input modes are not available when entering characters. When entering a name for a Phonebook entry, for example, only Letter mode is available.

.....

Changing Text Input Mode

When you are in a field that allows characters entry, you should notice the text input mode indicator in the display.

To change to another text input mode;

1. Press the @ key repeatedly until you find the desired mode.
2. Press the <Navigation Up or Down> key repeatedly until you find the desired input mode from the list.
3. Press the **SELECT** soft key.

You will see the text input mode indicator in the top line of the display:

- Ezi Pinyin mode > Pinyin
- Ezi Stroke mode > Stroke
- Ezi English mode > Letter
- Ezi ABC mode > ABC, Abc, or abc
- Ezi 123 mode > 123
- Symbol mode > Symbol
- Dictionary mode > Dictionary
- List Dictionary mode > List Dictionary

Directions for using each of the text input modes appear later in this chapter.

Ezi English Mode

This mode allows you to enter English words with only one keypress per letter. Each key on a keypad has more than one letter - a single press on the 5 key could be J, K, or L. The **Ezi English** mode automatically compares your key presses to an internal linguistic database to determine the correct word.

The mode requires far fewer keyStrokes than the traditional multi-tap method; ABC mode.

Typing English Words

To type a word, press keys corresponding to the letters you need. Remember the following as you are typing:

1. Press keys on the phone just once per desired letter. For example, to enter 'hello', press the following keyStrokes: 4, 3, 5, 5, 6.
2. The word you are typing appears in the display. It may change with each key you press.
3. Type to the end of the word before editing or deleting any keyStrokes.
4. Complete each word with a space by pressing the 0 key.

If the word that appears in the display is not the word that you desire, press the key one or more times to display alternate word choices for the keys you have typed. (For example, 'of' and 'me' both shares the sequence 6, 3) The phone displays the most commonly used choice first.

Note: The phone displays all the words which is containing the letters you have entered. By doing this, the eZi mode saves you typing extra keypresses.

Smart Punctuations

Period, hyphen, and apostrophe are available on the **1** key. eZi applies rules of grammar to insert the correct punctuation. Notice that the **1** key is used twice in this example to display two punctuation marks:

Shifting a Case

To change the case of the word, press the <Navigation Up or Down > key repeatedly when the word is highlighted. Lower Case, Capital Lock and Initial Capital are available. Also you can insert periods between the alphabets for abbreviations.

Scrolling

- The <Navigation Up or Down > key scrolls to the alternative characters corresponding the keypresses.
- To view your message without moving the cursor, press the volume keys on the left side of the phone.
- To move the cursor left or right through your text message, press the < or > key. Note that pressing the > key without completing a word by the **0** key displays the alternative word.

Clearing Characters

Press the **Back** soft key one or more times to remove characters from the Text Area.

Letter Mode

Letter mode is indicated by ABC. When typing in Letter mode, you should press key labeled with the required character:

- Once for the first character
- Twice for the second character and so on.

For example, you press the **2** key three times quickly to display the character “C” , the **5** key two times quickly to display the character “L”. So, this method is called Multi-tap typing. The cursor moves to the right when you press a different key. When entering the same character twice (or a different character on the same key), just wait for a few seconds for the cursor to move right automatically, and then select the next character.

Refer to the table on next page for the list of characters assigned on each key.

List of characters available:

Key Characters in the Order Displayed

- 1 . ! ' , - ? @ 1 _
- 2 ABC2
- 3 DEF3
- 4 GHI4
- 5 JKL5
- 6 MNO6
- 7 PQRS7
- 8 TUV8
- 9 WXYZ9
- 0 0+

(Caps Lock mode)

Shifting a Case

To shift the case of the next character(s) that you type, press the # key one or more times.

There are two shift states:

Lower Case is indicated by abc in the display, and Capitals Lock is indicated by **ABC**.

Scrolling

- To view your message without moving the

cursor, press the volume keys on the left side of the phone.

- To move the cursor left or right through your text message, press the < or > key.

Clearing Strokes and Characters

Press the **Back** soft key one or more times to remove characters from the Text Area.

Number Mode

Number mode is indicated by **123**. It enables you to enter numbers into a text message. Press keys corresponding to the desired digits, and manually switch back to the text entry mode of choice.

Symbol Mode

Symbolic mode enables you to enter symbols into a text message.

To scroll through the symbols available, press the All Navigation Key(the volume key on the left side of the phone). Press the keys corresponding to the desired mark, then the phone automatically switches back to the text entry mode used just prior to selecting Symbols mode.

Settings

PIN

Using this menu, you can activate use of PIN (Personal Identification Number) provided by SIM card and change the PIN code if available.

Enable PIN/Disable PIN

When the PIN Request feature is enabled, you must enter your PIN each time you switch the phone on. Consequently, any person who does not have your PIN cannot use your phone without your approval.

If the PIN is disabled, **Enable PIN** menu is displayed and vice versa.

Note: Before disabling the PIN Request feature, you must enter your PIN.

The following options are available.

Disable: the phone connects directly to the network when you switch it on.

Enable: you must enter the PIN each time the phone is switched on.

Change PIN

This feature allows you to change your current PIN to a new one, provided that the PIN Request feature is enabled. You must enter the current PIN before you can specify a new one.

Once you have entered a new PIN, you are asked to confirm it by entering it again.

Private Password

Using this menu, you can activate use of the password for the Private menu and change the the password.

Password Request

When the Password Request feature is enabled,

you must enter the 8-digit password each time you try to access the Private menu. This prevents your private information from being accessed by unauthorized person.

The following options are available.

Off: you are not asked to enter the phone password when you switch the phone on.

On: you are required to enter the phone password when you switch the phone on.

Change Password

The Change Password feature allows you to change your current Private password to a new one. You must enter the current password before you can specify a new one.

The password is factory set to 00000000. Once you have entered a new password, you are asked to confirm it by entering it again.

Using the Menus

The phone offers a range of functions that allows you to tailor the phone to your needs. These functions are arranged in menus and submenus. The menus and submenus can be accessed by scrolling or using the shortcuts.

Accessing a Menu Functions by Scrolling

1. In idle mode, press the **Left** soft key to access the menu facility. Scroll with the left/right soft key to reach the desired main menu. To show the main menu's entry, press the <Navigation Right> key.

2. If the menu contains any submenus: for example, you can find the one you want by scrolling with the <Navigation Right> or <Navigation Left> key.

Press the <Navigation Center> or **Left** soft key to enter the submenu.

If the menu you have selected contains submenus, repeat this step.

3. Scroll menu with the <Navigation Up> or <Navigation Down> key, press the <Navigation Center> key to confirm the chosen menu.

.....

Notes: • You can return the previous menu level by pressing the right soft key.

• You can exit the menu without changing the menu settings by pressing the <End : Power>key.

.....

List of Menu Functions

The list shows the menu structure available and indicates the number assigned to each option.

Messages

Write Message

Inbox

Outbox

Draft

Templates

Settings

Info Message

Voice Mail

Call Register

Call History

Call Duration

Call costs

Profile

General

Silent

Vibration Only

Outdoor

Other

Phone Setting

Time/Date Set

Alarm Set

Display Set

Security

Default Set

Call Setting

Call Divert

Call Waiting

Call Barring

Answer Mode

Minute Minder

Auto Redial

Auto Answer
Send My Caller ID
Network Select
Application
Game
Calculator
Unit Converter
Phonebook
Name Search
Add Entry
Speed Dials
PB Manage

Reference

Information

Access Codes

There are several access codes that are used by your phone and its SIM card. These codes help you protect the phone against unauthorized use.

Phone Password

The security code can be used to avoid unauthorized use of your phone. The security code 0000 is usually supplied with the phone. Change the security code before you start using your phone. Keep the new code secret and in a safe place, which is separate from the phone. If you key in an incorrect security code five times in succession, the phone will not accept the correct code for the next five minutes.

PIN code

The PIN (Personal Identification Number) code protects your SIM card against unauthorized use. The PIN code is usually supplied with the SIM card. When the PIN code request is enabled (Menu 6-6), the code is asked each time the phone is switched on.

If you key in an incorrect PIN code three times in succession, key in the PUK code and press

SELECT.

Key in a new PIN code and press **SELECT**. Key in the

new code again and press **SELECT**.

PIN2 code

The PIN2 code, supplied with some SIM cards, is required to access some functions, such as charging unit counters. These functions are only available if supported by your SIM card.

If you key in an incorrect PIN2 code three times in succession, key in the PUK2 code and press **SELECT** key in a new PIN2 code and press **SELECT** Key in the new code again and press **SELECT**.

PUK code

The PUK (Personal Unblocking Key) code is required to change a blocked PIN code. The PUK code may be supplied with the SIM card. If not, contact your local service provider for the code. If you key in an incorrect PUK code ten times in succession, the SIM card cannot be used anymore. Contact your service provider for a new card.

You cannot change the PUK code. If you lose the code, contact your service provider.

PUK2 code

The PUK2 code, supplied with some SIM cards, is required to change a blocked PIN2 code.

If you key in an incorrect PUK2 code ten times in succession, you cannot use the functions requiring the PIN2 code. Contact your service provider for a new card.

You cannot change the PUK2 code. If you lose the code, contact your service provider.

Barring Password

The 4-digit barring password is required when you use the Call Barring function. You obtain the password from your service provider when you subscribe to this function.

Using the Batteries

Your phone is powered by a rechargeable Li-ion standard battery.

The following batteries are also available (ask your local dealer for further details):

- Slim battery
- Standard battery
- Extended battery

Precautions When Using Batteries

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby times are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging times depend on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only approved batteries and recharge your battery only with approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and life-time of the battery. Always try to keep the battery at

room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).

- Do not short-circuit the battery. Accidental short circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the back of the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuit.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.
- Caution : Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Safety Information

Traffic Safety

Do not use a hand-held mobile phone while driving a vehicle. If using a hand-held phone, park the vehicle before conversing. Always secure the phone in its holder, do not place the phone on the passenger seat or where it can break loose in a collision or sudden stop.

The use of an alert device to operate a vehicle's lights or horn on public roads is not permitted.

Remember, road safety always comes first!

Operating Environment

Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your mobile phone.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (20 cm) be maintained between a hand-held mobile phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should always keep the phone more than 6 inches (20 cm) from their pacemaker when the phone is switched on.
- Should not carry the phone in a breast Pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, switch off your

phone immediately.

Hearing Aids

Some digital mobile phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

Other Medical Devices

Operation of any radio transmitting equipment, including cellular phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles (for example, electronic fuel injection systems, electronic anti-skid (anti-lock) braking systems, electronic speed control systems, air bag systems).

Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices so require.

Potentially Explosive Atmospheres

Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats; chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); 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.

Vehicles

Only qualified personnel should service the phone, or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty which may apply to the unit.

Check regularly that all mobile phone equipment on your vehicle is mounted and operating properly.

Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not

place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result. Switch off your phone before boarding an aircraft. The use of mobile phones in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network and may be illegal.

Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Emergency Calls

Important!

This phone, like any mobile phone, operates using radio signals, wireless and landline networks as well as user programmed functions which cannot guarantee connection in all conditions. Therefore, you should never rely solely upon any wireless phone for essential communications (for example, medical emergencies).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.

3. Press the key.

If certain features are in use (keyguard, restrict calls, etc.), you may first need to turn those features off before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible.

Remember that your phone may be the only means of communication at the scene of an accident - do not cut off the call until given permission to do so.

Radio Frequency (RF) Signals

Your wireless phone is a radio transmitter and receiver.

It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted level of RF energy for the general population. The guidelines are based on the safety standards that were developed by independent scientific organizations through periodic and through 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 phones employs a unit of measurement known as Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6W/kg*.

* In the U.S. 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 substantial margin of safety to give addition protection for the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions specified by the FCC 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 level 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 of the phone.

Before a new model phone 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. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

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://fcc.gov/cet/fccid> after searching on FCC ID printed in the label on the phone. FCC certification information for this model phone is attached separation paper.

For body worn operation, this model phone has been tested and meets the FCC RF exposure guidelines when used with a Bellwave-supplied approved accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum from the body.

The minimum distance for this model phone is written in the FCC certification information from the body. Non-compliance with the above conditions may violate FCC RF exposure guidelines.

For more information concerning exposure to radio frequency signals, see the following websites:

Federal Communications Commission (FCC)
<http://www.fcc.gov/rfsafety>

Cellular Telecommunications Industry Association (CTIA)
<http://www.wow-com.com>

U.S. Food and Drug Administration (FDA)
<http://www.fda.gov/cdth.consumer>

World Health Organization (WHO)
<http://www.who.int/peh-emf/en>

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care.

The suggestions below will help you to fulfill any warranty obligations and allow you to enjoy this product for many years. When using your phone, battery, charger, OR any accessory:

- Keep it and all its parts and accessories out of small children's reach.
- Keep it dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use or store it in dusty, dirty areas as its moving parts can be damaged.
- Do not store it in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store it in cold areas. When the phone warms up (to its normal operating temperature), moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake it. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with a soft cloth slightly dampened in a mild soap and water solution.
- Do not paint it. Paint can clog the device's moving parts and prevent proper operation.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications of attachments could damage the phone and may violate regulations governing radio devices.

- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Glossary

Airtime

Actual time spent talking on the wireless phone. Most carriers bill customers based on how many minutes of airtime they use each month.

Antenna

A device for transmitting or receiving signals. The size and shape of antennas is determined, in part, by the frequency of the signal they receive. Wireless phones and the base station must have antennas.

ALS(Alternate Line Service)

ALS provides the capability of associating two alternate lines with one SIM card. You can make and receive calls on either line as desired with this service.

Call Barring

Ability to restrict outgoing and incoming calls.

Call Diverting

Ability to reroute calls to another mobile or fixed line.

Call Holding

Ability to put one call on standby while answering or making another call; you can then switch between the two calls, as required.

Call Waiting

Ability to inform users that they have an incoming call when engaged on another call.

Conference Calling

Ability to establish a conference call involving up to five additional parties.

DTMF

(Dual-tone Modulated Frequency) You send DTMF signals when you enter numbers by pressing the digit keys.

Hands-Free

A feature that permits a driver to use a wireless phone without lifting or holding the handset -an important safety feature for automobiles, tractors and most other motorized vehicles.

GSM (Global System for Mobile Communication)

International standard for cellular communication, guaranteeing compatibility between the various network operators. GSM covers most European countries and many other parts of the world.

LCD

(Liquid Crystal Display) Commonly used to refer to the screen display on the wireless phone.

Line Identification Services

Service allowing subscribers to view or block the telephone numbers of callers.

Phone's Password

Security code used to unlock the phone when you have selected the option to lock it automatically each time it switches on.

PIN (Personal Identification Number)

Security code that protects the phone against unauthorised use. The PIN is supplied by the service provider with the SIM card. It may be a four to eight-digit number and can be changed, as required.

PUK (PIN Unblocking Key)

Security code used to unlock the phone when an incorrect PIN has been entered three times in succession. The eight-digit number is supplied by the service provider with the SIM card.

Roaming

Use of your phone when you are outside your

home area (when traveling for example).

SIM (Subscriber Identification Module)

Card containing a chip with all the information required to operate the phone (network and memory information, as well as the subscriber's personal data). The SIM card fits into a small slot on the back of the phone and is protected by the battery.

SMS (Short Message Service)

Network service sending and receiving messages to and from another subscriber without having to speak to the correspondent.

The message created or received (up to 160 characters long) can be displayed, received, edited or sent.

Soft Keys

Keys marked on the phone, the purpose of which:

- Varies according to the function that you are currently using
- Is indicated on the bottom line of the display just above the corresponding key

Voice Mail

Computerized answering service that automatically answers your calls when you are not available, plays a greeting (optionally in your own voice) and records a message.

Wireless

Radio-based Systems that allow transmission of telephone or data signals through the air without a physical connection, such as a metal wire (copper) or fiber optic cable.